

c v n CURRÍCULUM VÍTAE NORMALIZADO



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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Dr Antoni Bayes-Genis is chair of the Germans Trias Heart Institute (iCor) and Director of the Cardiology Department at Hospital Universitari Germans Trias i Pujol (Badalona, Spain), Director of the ICREC (Heart Failure and Cardiac Regeneration) Research Program and Full Professor at Autonomous University of Barcelona. He has published over 920 SCI papers with more than 36,999 citations. He has contributed to over 600 national and international conferences in oral format. He is inventor of 10 international patents, Director/Co-director of 20 PhD Thesis and has established several collaboration agreements with biotechnological companies. Dr. Bayés has the GCP certificate dated 05/03/2023. More than 10 years of experience in clinical trials in the field of cardiology, specifically in heart failure.

1- Development of a new interventional technique to rescue myocardium after a heart attack. He has recently demonstrated that biological tissue engineering restores cardiac function in acute and chronic animal model infarcts (Cardiovasc Res. 2011; Int J Cardiol 2011). In the same way, our group have published the first clinical study results in which were analyzed the safety and efficacy of this new procedure in patients with chronic myocardial infarction to coronary revascularization surgery (EBioMedicine 2016).

2- Identification, characterization, electrical conditioning and myocardial implementation of a new source of stem cells from human epicardial fat (J Tissue Eng Regen Med 2015; Biomed Res Int 2015; JMCC 2010). (ES23257-B1). Our group has also studied the cardiac potential and properties of other myocardial stem cells sources such as umbilical cord blood, subcutaneous adipose tissue and bone marrow (Stem Cells Transl Med 2015; Eur J Clin Invest 2014; Stem Cells Dev 2014; Int J Cardiol 2013; PLoS ONE 2012; J Card Fail 2010; Basic Res Cardiol 2010; Eur J Heart Fail 2006; Transplant Proc 005).

3- Development and application of natural and synthetic matrices for cardiac tissue engineering (Tissue Eng Part C Methods 2016; J Tissue Eng Regen Med 2016; Stem Cell Res Ther 2015; Stem Cell Res Ther 2015; Am J Transl Res 2015; Am J Transl Res 2014; Int J Cardiol. 2014).

4- Study of the molecular/celular bases and new biomarkers/treatments for idiopathic dilated cardiomyopathy (J Cardiovasc Transl Res 2016; Int J Cardiol 2014 Dec 20; Int J Cardiol 2014 Oct 20; Atherosclerosis 2013; Nat Rev Cardiol. 2009; Eur J Heart Fail. 2007).



5- Molecular analysis of the effect of hypoxia on cardiac and vascular remodeling (J Mol Cell Cardiol 2015; Arterioscler Thromb Vasc Biol 2013).

6- Development of elastin stent to reduce the risk of restenosis (Development 2003; Trends Cardiovasc Med. 2003). This research was the first to use bioactive stents, widely used in clinical practice today.

7- Human heart chimerism. Pioneers in 2002 to identify the human heart auto-regenerative capacity and the presence of cardiac microchimerism. A summary of the contributions was published, requested by the editor in the scientific journal Nature Clinical Practice CV Medicine (Nat Clin Pract Cardiovasc Med. 2007; J Heart Lung Transplant. 2005; Eur J Heart Fail. 2004; Cardiovasc Res. 2002).

8- Identification of a new biomarker PAPP-A for an early detection of unstable angina and myocardial infarction. This investigation was published in the journal N Engl J Med (NEJM 2001; 345:1022-9) and generates a patent (US8323913-B2).

9- Characterization of the clinical use of natriuretic peptides for diagnosis, prognosis and monitoring in heart failure. Data generated are now included in clinical guidelines.

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CURRÍCULUM VITAE NORMALIZADO

General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Results obtained from Web of Science: Searching AUTHOR (bayes-genis* OR bayes genis* OR bayes-genis a* OR bayes genis a):

Total Publications: 939

Sum of the Times Cited : 17.311

Sum of Times Cited without self-citations : 15.642

Citing Articles : 13.103

Average Citations per Item: 23,02

h-index : 85

**Antoni Bayés Genís**

Surname(s): **Bayés Genís**
Name: **Antoni**

Current professional situation

- 1** **Employing entity:** AUTONOMOUS UNIVERSITY OF BARCELONA (UAB) **Type of entity:** University
Department: Faculty of Medicine
Professional category: Full Professor (Catedrático) **Leadership and management (Y/N):** Yes
Start date: 06/02/2023
Type of contract: Civil servant **Dedication regime:** Part time
Primary (UNESCO code): 320501 - Cardiology
Secondary (UNESCO code): 320704 - Cardio-vascular pathology
Performed tasks: Distinguished Full Professor at the Medicine Department of the Universitat Autònoma de Barcelona.
- 2** **Employing entity:** INSTITUT CATALA DE LA SALUT DE BARCELONA GENERALITAT DE CATALUNYA
Professional category: Director of Heart Institute **Leadership and management (Y/N):** Yes (iCor)
City employing entity: Badalona, Catalonia, Spain

Start date: 01/01/2015
Type of contract: Civil servant **Dedication regime:** Full time
Area of leadership and/or management activity: Public Research Body

- 3** **Employing entity:** INSTITUT CATALA DE LA SALUT DE BARCELONA GENERALITAT DE CATALUNYA
Department: Hospital Universitari Germans Trias i Pujol de Badalona
Professional category: Head of the Cardiology Department **Leadership and management (Y/N):** Yes
City employing entity: Badalona, Catalonia, Spain
- Start date:** 10/01/2010
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 320501 - Cardiology
Secondary (UNESCO code): 320704 - Cardio-vascular pathology
Performed tasks: Chief at Cardiology Department, Hospital Universitari Germans Trias i Pujol, Badalona. Director of the ICREC (Heart Failure and Cardiac Regeneration) Research Program. Professor of Cardiology, Universitat Autònoma de Barcelona.
Identify key words: Clinical medicine; Cell culture
Area of leadership and/or management activity: Cardiology Department
- 4** **Employing entity:** GERMANS TRIAS I PUJOL RESEARCH FOUNDATION
Professional category: Principal Investigator
Start date: 01/02/2002

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat Autònoma de Barcelona	Full Professor	06/11/2008
2	AUTONOMOUS UNIVERSITY OF BARCELONA (UAB)	Vice Dean for Students and Mobility Programs	01/07/2017
3	HOSPITAL DE LA SANTA CREU I SANT PAU	Director of the Heart Failure Unit	01/03/2009
4	HOSPITAL DE LA SANTA CREU I SANT PAU	Deputy Doctor	15/01/2001
5	AUTONOMOUS UNIVERSITY OF BARCELONA (UAB)	Associated Professor	01/01/2003
6	Mayo Clinic and Foundation, Rochester, MN, USA	Post-doctoral Researcher	1998
7	HOSPITAL DE LA SANTA CREU I SANT PAU	Doctor on call	01/02/1998
8	HOSPITAL DE LA SANTA CREU I SANT PAU	Resident Doctor	08/01/1993

- 1** **Employing entity:** Universitat Autònoma de Barcelona **Type of entity:** University
Professional category: Full Professor
Start-End date: 06/11/2008 - 11/02/2023
- 2** **Employing entity:** AUTONOMOUS UNIVERSITY OF BARCELONA (UAB)
Professional category: Vice Dean for Students and Mobility Programs
Start-End date: 01/07/2017 - 01/07/2019



- 3** **Employing entity:** HOSPITAL DE LA SANTA CREU I SANT PAU
Department: Cardiology Department
City employing entity: Barcelona, Catalonia, Spain
Professional category: Director of the Heart Failure Unit
Start-End date: 01/03/2009 - 10/01/2010 **Duration:** 9 months
Type of contract: Statutory
Dedication regime: Full time
Primary (UNESCO code): 320501 - Cardiology
- 4** **Employing entity:** HOSPITAL DE LA SANTA CREU I SANT PAU
Department: Cardiology Department
City employing entity: Barcelona,
Professional category: Deputy Doctor
Start-End date: 15/01/2001 - 28/02/2009 **Duration:** 97 months
Type of contract: Statutory
Primary (UNESCO code): 320501 - Cardiology
- 5** **Employing entity:** AUTONOMOUS UNIVERSITY OF BARCELONA (UAB)
Professional category: Associated Professor
Start-End date: 01/01/2003 - 05/11/2008
- 6** **Employing entity:** Mayo Clinic and Foundation, Rochester, MN, USA
Department: Laboratory of the Dr Robert S Schwartz, Center for Applied Vascular Biology and Interventions
City employing entity: Rochester, United States of America
Professional category: Post-doctoral Researcher
Start-End date: 1998 - 2000 **Duration:** 3 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Performed tasks: Post-doctoral Researcher
Applicability in teaching and/or research: During that period I participated in the redaction of 2 patents: 1 INVENTORS: Allan R Camrud, Antoni Bayes Genis, Robert S Schwartz TITLE: Stent treatment apparatus and method 2 INVENTORS: Cheryl A Conover, Antoni Bayes Genis, David R Holmes, Robert S Schwartz TITLE: Marker for inflammatory conditions And also published an article in the New England Journal of Medicine: <http://www.ncbi.nlm.nih.gov/pubmed/11586954>
- 7** **Employing entity:** HOSPITAL DE LA SANTA CREU I SANT PAU
Department: Cardiology Department
City employing entity: Barcelona,
Professional category: Doctor on call
Start-End date: 01/02/1998 - 01/01/1999 **Duration:** 11 months
Type of contract: Temporary
Primary (UNESCO code): 320501 - Cardiology
- 8** **Employing entity:** HOSPITAL DE LA SANTA CREU I SANT PAU
Department: Cardiology Service
City employing entity: Barcelona,
Professional category: Resident Doctor
Start-End date: 08/01/1993 - 31/12/1997 **Duration:** 60 months
Primary (UNESCO code): 320501 - Cardiology



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Master's degree
Name of qualification: Master's Degree in Direction of Integrated Health Services
Degree awarding entity: Ramon Llull University of Barcelona
Date of qualification: 2009
- 2 University degree:** Specialist in Cardiology
Name of qualification: Specialist in Cardiology
Degree awarding entity: Spanish Ministry of Education
Date of qualification: 1998
- 3 University degree:** Higher degree
Name of qualification: Medicine and Surgery Degree
Degree awarding entity: Autonomous University of Barcelona
Date of qualification: 1992

Doctorates

Doctorate programme: Official Program of Medicine Doctorate
Degree awarding entity: Autonomous University of Barcelona
Date of degree: 08/12/1998
Thesis title: Marcadores Hemostáticos en los Síndrome Coronarios Agudos
Obtained qualification: Cum laude

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		C1	C1	C1	C1
English		C1	C1	C1	C1

Teaching experience



General teaching experience

- 1** **Name of the course:** Medicina i cirurgia I
Type of programme: Bachelor's degree **Type of teaching:** Practical work (classroom-problems)
Type of subject: Core
Assessment type: Survey
University degree: Bachelor in Medicine and Surgery
Frequency of the activity: 8
Start date: 2004 **End date:** 2012
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 841
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina
Department: Medicine
Assessment entity: UAB Quality Department
Assessment type: Survey
Mark obtained: 3.58 **Top mark possible:** 4
- 2** **Name of the course:** Curs Fonamental en Electrocardiografia
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Electrocardiography Course
Course given: Electrocardiography Course
Start date: 2010 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 17
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina
Department: Medicine
- 3** **Name of the course:** Pràctica clínica
Type of programme: Bachelor's degree **Type of teaching:** Practical work (classroom-problems)
Type of subject: Core
University degree: Bachelor in Medicine and Surgery
Start date: 2010 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 3
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina
Department: Medicine
- 4** **Name of the course:** Recerca en Medicina Interna
Type of programme: Bachelor's degree **Type of teaching:** In person theory
University degree: Bachelor in Medicine and Surgery
Start date: 2010 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina



Department: Medicine

- 5** **Name of the course:** Direcció de tesis i treballs de recerca
University degree: Medicine Doctorates
Start date: 2008 **End date:** 2011
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 15
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Escuela de postgrado de la UAB
- 6** **Name of the course:** Curs Fonamental en Electrocardiografia
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Electrocardiography Course
Course given: Electrocardiography Course
Start date: 2008 **End date:** 2009
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 17
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultad de Medicina
Department: Medicine
- 7** **Name of the course:** Curs Fonamental en Electrocardiografia
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Electrocardiography Course
Course given: Electrocardiography Course
Start date: 2007 **End date:** 2008
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 17
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultad de Medicina
Department: Medicine
- 8** **Name of the course:** Curs Fonamental en Electrocardiografia
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Electrocardiography Course
Course given: Electrocardiography Course
Start date: 2006 **End date:** 2007
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 17
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Facultad de Medicina
Department: Medicine
- 9** **Name of the course:** Curso en Insuficiencia Cardíaca: del miocito a la célula madre
Type of programme: Doctorate **Type of teaching:** In person theory
Type of subject: Doctorate
University degree: Course in Heart Failure: from myocyte to the stem cell
Start date: 2006 **End date:** 2007

**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 10**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Faculty, institute or centre:** Facultat de Medicina**Department:** Medicine**10 Name of the course:** Curs Fonamental en Electrocardiografia**Type of programme:** Doctorate**Type of teaching:** In person theory**Type of subject:** Doctorate**University degree:** Electrocardiography Course**Course given:** Electrocardiography Course**Start date:** 2005**End date:** 2006**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 17**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Faculty, institute or centre:** Facultat de Medicina**Department:** Medicine**11 Name of the course:** Curs Posada al dia en Cardiologia**Type of programme:** Doctorate**Type of teaching:** In person theory**Type of subject:** Doctorate**University degree:** Curs Posada al dia en Cardiologia**Start date:** 2005**End date:** 2006**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 4**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Faculty, institute or centre:** Facultat de Medicina**Department:** Medicine**12 Name of the course:** Curs Fonamental en Electrocardiografia**Type of programme:** Doctorate**Type of teaching:** In person theory**Type of subject:** Doctorate**University degree:** Electrocardiography Course**Course given:** Electrocardiography Course**Start date:** 2004**End date:** 2005**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 17**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Faculty, institute or centre:** Facultat de Medicina**Department:** Medicine**13 Name of the course:** Curs Posada al dia en Cardiologia**Type of programme:** Doctorate**Type of teaching:** In person theory**Type of subject:** Doctorate**University degree:** Curs Posada al dia en Cardiologia**Start date:** 2003**End date:** 2004**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 4**Entity:** Universitat Autònoma de Barcelona**Type of entity:** University**Faculty, institute or centre:** Facultat de Medicina**Department:** Medicine



14 Name of the course: International Conferences of Cardiovascular Biochemistry

Type of programme: Doctorate

University degree: International Conferences of Cardiovascular Biochemistry

Start date: 2002

End date: 2003

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Faculty, institute or centre: Biochemistry

15 Name of the course: Arritmias y Muerte Súbita

Type of programme: Master's degree

Type of teaching: Practical work (classroom-problems)

University degree: Máster en Arritmias y Muerte Súbita

Start date: 2001

End date: 2002

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Faculty, institute or centre: Medicine

Experience supervising doctoral thesis and/or final year projects

1 Project title: Terapias mínimamente invasivas para el tratamiento de la estenosis aórtica. Bioprótesis sin sutura y prótesis valvular aórtica transcater.

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

City of entity: Barcelona,

Student: Victoria Vilalta Del Olmo

Date of reading: 01/03/2023

2 Project title: Autoimmunitat i trastorns de la conducció i la repolarització cardíaca en adults: implicació dels anticossos ANTI-RO/SSA

Type of project: Doctoral thesis

Entity: Universitat Autònoma de Barcelona

Type of entity: University

City of entity: Barcelona,

Student: Roger Villuendas Sabaté

Date of reading: 04/11/2022

3 Project title: Pronóstico de los pacientes con indicación quirúrgica no operados en el curso de la miocarditis infecciosa. Opciones de tratamiento antibiótico supresivo de larga duración.

Entity: Universitat Autònoma de Barcelona, Fundació Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol

Student: Nuria Vallejo Camazón

Date of reading: 02/11/2021

4 Project title: Factores determinantes para el pronóstico del infarto agudo de miocardio con elevación del segmento ST. Utilidad de nuevos biomarcadores en la era de la reperfusión.

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Ferran Rueda Sobella

Date of reading: 03/07/2020

5 Project title: Novel approaches towards precision medicine in acute and chronic heart failure.

Entity: Universitat Autònoma de Barcelona

Type of entity: University

Student: Oriol Iborra Egea

Date of reading: 12/12/2019



- 6** **Project title:** Impacto de los síndromes geriátricos en el manejo y pronóstico del paciente anciano con enfermedad cardiovascular.
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: EVA BERNAL LABRADOR
Date of reading: 12/11/2018
- 7** **Project title:** Diagnóstico y pronóstico de la cardiopatía isquémica asociada al consumo de cocaína.
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: XAVIER CARRILLO SUÁREZ
Date of reading: 15/09/2017
- 8** **Project title:** Cell-enriched engineered cardiac grafts improve heart function and promote cardiac regeneration: a novel therapy for myocardial infarction
Type of project: Doctoral thesis
Co-director of thesis: Cristina Prat Vidal
Entity: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Student: Isaac Perea Gil
Date of reading: 03/07/2017
- 9** **Project title:** Physiological conditioning of adult progenitor cells boosts cardiac regeneration.
Type of project: Doctoral thesis
Co-director of thesis: Cristina Prat Vidal
Entity: Universitat de Barcelona **Type of entity:** University
City of entity: Barcelona, Catalonia, Spain
Student: Aida Lluçia Valldeperas
Obtained qualification: excelent cum laude
Date of reading: 29/01/2016
European doctorate: Yes
Quality recognition: Yes
- 10** **Project title:** Síndrome coronària aguda i angioplastia primària. Condicionants temporals, anatòmics i funcionals.
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Oriol Rodríguez Leor
Date of reading: 04/03/2015
- 11** **Project title:** ASSOCIACIÓ DE DIFERENTS BIOMARCADORS EN PACIENTS AMB INSUFICIÈNCIA CARDÍACA CONTROLATS A UNA UNITAT D'INSUFICIÈNCIA CARDÍACA MULTIDISCIPLINÀRIA
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Marta de Antonio Ferrer
Date of reading: 01/12/2014
- 12** **Project title:** Estratificación de riesgo de pacientes ambulatorios con insuficiencia cardíaca
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Nuria Ribas Piza
Date of reading: 18/06/2014
- 13** **Project title:** Marcadores inflamatorios y de disfunción endotelial en la insuficiencia cardíaca
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Ignacio J. Sánchez Lázaro



Date of reading: 20/11/2013

- 14** **Project title:** Valoración no invasiva de injertos aortocoronarios y coronarias nativas con tomografía computarizada de 64 detectores: comparación con la angiografía convencional.
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Ana Laynez
Date of reading: 12/06/2012
- 15** **Project title:** Transposició d'un pedicle adipós pericardíac sobre el miocardi: una nova opció terapèutica per a limitar la cicatriu post-infart
Type of project: Doctoral thesis
Entity: Universitat de Barcelona
Student: Carolina Gálvez Montón
Obtained qualification: Cum laude
Date of reading: 2012
Quality recognition: Yes
- 16** **Project title:** Análisis del estado nutricional y la composición corporal para valorar la gravedad y el pronóstico de pacientes ambulatorios con insuficiencia cardíaca
Type of project: Minor thesis
Entity: Universidad de Granada **Type of entity:** University
Student: Paloma Gastelurrutia Soto
Date of reading: 2011
- 17** **Project title:** Seguimiento farmacoterapéutico y de la composición corporal en pacientes con insuficiencia cardíaca.
Type of project: Doctoral thesis
Entity: Universidad de Granada **Type of entity:** University
Student: Paloma Gastelurrutia Soto
Obtained qualification: Cum laude
Date of reading: 2011
- 18** **Project title:** La escara miocárdica detectada por resonancia magnética cardíaca predice eventos clínicos en pacientes con miocardiopatía isquémica no reconocida".
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Miguel Corbi Pascual
Date of reading: 2009
- 19** **Project title:** Nous marcadors bioquímics en el pronòstic de la insuficiència cardíaca
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Ana Serrabou
Date of reading: 2009
- 20** **Project title:** Cèl·lules mare mesenquimals humanes: aïllament, caracterització i potencialitat per a la regeneració cardíaca.
Type of project: Doctoral thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Jordi Farre Crespo



Obtained qualification: Cum laude

Date of reading: 03/12/2008

- 21** **Project title:** Implantació d'un pedicle adipós pericàrdic sobre el miocardi isquèmic: nova tècnica quirúrgica per la reducció de la mida d'infart
Type of project: Minor thesis
Entity: Universitat de Barcelona **Type of entity:** University
Student: Carolina Gálvez Monton
Date of reading: 2008
- 22** **Project title:** Determinación del valor pronóstico de los niveles de ácido láctico en la cirugía cardiaca sin circulación extracorpórea
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Jose Miguel España Pamplona
Date of reading: 2007
- 23** **Project title:** Valor pronóstico del realce tardío de gadolinio en resonancia en pacientes con terapia de resincronización
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Alfonso Valle Muñoz
Date of reading: 2007
- 24** **Project title:** Estudio Randomizado de los accesos femoral, radial derecho y radial izquierdo en pacientes consecutivos remitidos a cateterismo cardiaco
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Enrique Santas
Date of reading: 2006
- 25** **Project title:** Caracterización de las arterias coronarias en la miocardiopatía dilatada idiopática
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Francesc Planas
Date of reading: 2005
- 26** **Project title:** Identificació, caracterització i inducció cardiomiogènica de cèl·lules mare mesenquimals humanes: un llinatge cel·lular amb potencialitat per a la regeneració cardíaca
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Jordi Farré Crespo
Date of reading: 2005
- 27** **Project title:** Niveles de ansiedad en pacientes valorados por una unidad de dolor torácico?,
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Elisabeth Tapia
Date of reading: 2005



- 28** **Project title:** Relación entre la concentración de PCR y fibrilación auricular
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Raquel Sáez Moreno
Date of reading: 2005
- 29** **Project title:** Trombosis de stent en la era de los stents recubiertos de fármacos antiproliferativos: frecuencia , eventos clínicos y factores predictivos?
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: José Ramón Balaguer
Date of reading: 2005
- 30** **Project title:** Utilidad del electrocardiograma en el diagnòstico etiológico de la miocardiopatía dilatada con bloqueo de rama izquierda: isquémica versus no isquémica?
Type of project: Minor thesis
Entity: Universitat Autònoma de Barcelona **Type of entity:** University
Student: Laura López López
Date of reading: 2005

Student tutorials

Name of the programme: Doctorate
Entity: Universitat Autònoma de Barcelona **Type of entity:** University

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** BIOMarker based diagnostic TOOLkit to personalize pharmacological approaches in congestive heart failure. (BIOTOOL-CHF)
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Type of participation: Principal investigator
Start-End date: 01/10/2023 - 30/09/2028
Total amount: 321.392,5 €
- 2** **Name of the project:** Cardiac Organoids for Cell Therapy in a Preclinical Model of Myocardial Infarction
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Nº of researchers: 6
Type of participation: Principal investigator
Start-End date: 01/09/2023 - 01/09/2026 **Duration:** 3 years
Total amount: 337.500 €



- 3** **Name of the project:** ESTUDIO PROSPECTIVO, ALEATORIZADO, MULTICÉNTRICO, ABIERTO, PARA EVALUAR LA NO INFERIORIDAD DE UNA ESTRATEGIA PERSONALIZADA DE PRECISIÓN PARA LA PREVENCIÓN DE LA MUERTE SÚBITA EN PACIENTES CON MIOCARDIOPATÍA DILATADA NO ISQUÉMICA - ESTUDIO CIBER-SPANISH I
Degree of contribution: Scientific coordinator
Entity where project took place: CIBER ENFERMEDADES CARDIOVASCULARES (CIBERCV)
City of entity: Madrid,
Name of the programme: AES 2021- CONVOCATORIA PROYECTOS DE INVESTIGACIÓN DE MEDICINA PERSONALIZADA (ISCIII)
Code according to the funding entity: PMP21/00064
Start-End date: 01/01/2022 - 31/12/2025 **Duration:** 4 years
Total amount: 1.419.465 €
- 4** **Name of the project:** Inflammatory modulation of STEMI-derived cardiogenic shock with extracellular vesicles (EVs): EV4MI Trial.
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Spain
Start-End date: 01/01/2021 - 31/12/2024
Total amount: 646.250 €
- 5** **Name of the project:** The PERISCOPE Trial. PERIcardial matrix with mesenchymal Stem Cells fOr the treatment of PatiEnts with infarcted myocardial tissue.
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Spain
Nº of researchers: 9
Start-End date: 01/01/2020 - 31/12/2024
Total amount: 837.000 €
- 6** **Name of the project:** Efficacy of the Adipose Graft Transposition Procedure (AGTP) in patients with a myocardial scar: The AGTP II trial.
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Bayes Genis A; Gastelurrutia P; Camara Rosell ML; Galvez-Monton C; Lupon J
Nº of researchers: 40
Type of participation: Principal investigator
Name of the programme: Proyectos de Investigación Clínica Independiente en Terapias Avanzadas 2017
Start-End date: 01/01/2019 - 31/12/2024 **Duration:** 3 years
Total amount: 330.000 €
- 7** **Name of the project:** Somatic mutations and clonal hematopoiesis as predictors and drivers of heart failure progression (MyoClonal)
Type of project: Basic research (including archaeological digs, etc)
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Spain
Name of the programme: CaixaResearch Health 2022
Code according to the funding entity: HR22-00732
Start-End date: 01/10/2022 - 30/09/2024 **Duration:** 2 years



Total amount: 79.200 €

8 Name of the project: In vitro method for predicting mortality risk in patients suffering from cardiogenic shock

Type of project: Research and development, including transfer

Degree of contribution: Managing coordinator

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

City of entity: Badalona, Spain

Name of the programme: CaixaResearch Validate de la Fundació "la Caixa"

Start-End date: 01/09/2021 - 01/09/2022

Total amount: 100.000 €

9 Name of the project: Evaluation of the anti-arrhythmic and anti-inflammatory protective effects of empagliflozin in a porcine model of myocardial infarction.

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

City of entity: Badalona,

Start-End date: 01/05/2021 - 31/03/2022

Total amount: 163.000 €

10 Name of the project: Pericardial Matrix With Mesenchymal Stem Cells for the Treatment of Patients With Infarcted Myocardial Tissue (PERISCOPE)

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

City of entity: Badalona, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Antoni Bayes Genis; Maria Luisa Camara Rosell; Angel Caballero Parrilla; Sara Badia Gamarra; Albert Teis Soler; Oriol Iborra Egea; Elena Revuelta Lopez; Paloma Gastelurrutia Soto

Nº of researchers: 7

Funding entity or bodies:

Ministerio Ministerio de Ciencia, Innovación y Universidades (es)

Start-End date: 30/06/2018 - 31/12/2021

Total amount: 217.800 €

11 Name of the project: REDES TEMATICAS DE INVESTIGACION COOPERATIVA EN SALUD (RETICS) RED DE TERAPIA CELULAR-TERCEL

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

City of entity: BADALONA, Catalonia, Spain

Code according to the funding entity: RD16/0011/0006

Start-End date: 01/01/2017 - 31/12/2021

Total amount: 154.913 €

12 Name of the project: Detection of structural faults in implanted stents through non-invasive techniques of microwave radiation

Type of project: Research and development, including transfer

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

City of entity: Badalona, Spain

Name of the programme: Caixaimpulse 2020

**Start-End date:** 01/08/2020 - 31/07/2021**Duration:** 1 year**Total amount:** 70.000 €**Sub-project amount:** 70.000 €**Applicant's contribution:** Call Name: CaixaImpulse Validate 2020 Application Number: CI20-00230 Project Leader: Carolina Gálvez

- 13 Name of the project:** In vitro method for predicting mortality risk in patients suffering from cardiogenic shock.

Type of project: Research and development, including transfer**Geographical area:** Regional**Degree of contribution:** Coordinator of total project, network or consortium**Entity where project took place:** FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL**City of entity:** Badalona, Spain**Name of the programme:** Convocatòria d'Indústria del Coneixement 2019. AGAUR CATALUNYA.**Code according to the funding entity:** 2019PROD00122**Start-End date:** 15/07/2020 - 15/07/2021**Duration:** 1 year**Total amount:** 99.999,21 €

- 14 Name of the project:** Cardiopoiesis with biomatrix to regenerate post-infarct scar: From bench to bedside. (first-in-man trial).

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL**City of entity:** Badalona, Catalonia, Spain**Name principal investigator (PI, Co-PI....):** Antoni Bayes Genis; Ángel Raya Chamorro; Daniel Navajas; Joaquim Vives Armengol**Nº of researchers:** 28**Funding entity or bodies:**

Government of Catalonia Ministry of Health

Start-End date: 01/01/2017 - 31/12/2019**Duration:** 3 years**Total amount:** 738.695,4 €

- 15 Name of the project:** ADVANCECAT - Accelerating Development on Advanced Therapies in Catalonia

Type of project: Research and development, including transfer**Degree of contribution:** Scientific coordinator**Entity where project took place:** FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL**City of entity:** Spain**Funding entity or bodies:**

Generalitat de Catalunya

Type of entity: ACCIÓ**City funding entity:** Barcelona, Catalonia, Spain**Type of participation:** Co-ordinator**Start-End date:** 20/09/2016 - 31/12/2019**Total amount:** 30.000 €**Dedication regime:** Full time

- 16 Name of the project:** iPS-derived cardiomyocytes in cardiac damage and regeneration

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL**City of entity:** Badalona, Spain**Nº of researchers:** 6**Start-End date:** 01/06/2016 - 31/05/2019



Total amount: 300.000 €

- 17 Name of the project:** Cardiomyocytes derived from iPS for damage and cardiac regeneration.
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Spain
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Nº of researchers: 6
Funding entity or bodies:
Fundació Marató de TV3
Start-End date: 01/01/2016 - 31/12/2018
Total amount: 199.843,75 €

- 18 Name of the project:** SGR 2014 00699 Grup de Recerca Consolidat Grup ICREC
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Barcelona, Spain
Nº of researchers: 8
Start-End date: 01/01/2014 - 31/12/2018 **Duration:** 5 years
Participating entity/entities: INSTITUTO DE QUIMICA AVANZADA DE CATALUÑA; Universitat Politècnica de Catalunya; Universitat Rovira i Virgili
Total amount: 0 €

- 19 Name of the project:** POTENCIAL DE LOS CARDIOMIOCITOS DERIVADOS DE CELULAS PLURIPOTENTES INDUCIDAS (IPS) EN LA FISIOPATOLOGIA Y REGENERACION CARDIACA
Type of project: Research and development, including transfer **Geographical area:** National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Nº of researchers: 8
Funding entity or bodies:
Ministerio de Ciencia e Innovación. Investigación **Type of entity:** 0
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Co-ordinator
Name of the programme: SAF
Code according to the funding entity: SAF2014-59892-R
Start-End date: 01/01/2015 - 31/12/2017 **Duration:** 36 months
Total amount: 200.000 €

- 20 Name of the project:** REDES TEMATICAS DE INVESTIGACION COOPERATIVA EN SALUD (RETICS) ENFERMEDADES CARDIOVASCULARES
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): antoni bayes genis
Code according to the funding entity: RD/12/0042/0047
Start-End date: 10/12/2012 - 09/12/2016
Total amount: 35.000 €



- 21** **Name of the project:** REDES TEMATICAS DE INVESTIGACION COOPERATIVA EN SALUD (RETICS)
RED DE TERAPIA CELULAR-TERCEL
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): antoni bayes genis
Code according to the funding entity: RD12/0019/0029
Start-End date: 10/12/2012 - 09/12/2016
Total amount: 29.500 €
- 22** **Name of the project:** NANOCARDIOCOCO
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Geographical area: National
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL
Funding entity or bodies: Ministerio de Ciencia e Innovación
Type of entity: 0
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Others
Name of the programme: INNPACTO, ministerio de ciencia e innovación
Code according to the funding entity: IPT-2011-1337-010000
Start-End date: 15/12/2011 - 15/12/2015
Duration: 48 months
- 23** **Name of the project:** Projecte de Recerca de la Societat Catalana de Cardiologia 2014 - Implantació de membranes biocompatibles amb cèl·lules pluripotencials induïdes (iPSs) porcines en el model d'infart agut de miocardi porcí
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Societat Catalana de Cardiologia
Type of entity: Associations and Groups
City funding entity: Barcelona, Catalonia, Spain
Start-End date: 01/09/2014 - 01/09/2015
Total amount: 3.000 €
- 24** **Name of the project:** Projecte de Recerca de la Societat Catalana de Cardiologia 2014 - Valoració integral del pacient amb estenosi aòrtica severa asimptomàtica. Factors predictors d'esdeveniments
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Societat Catalana de Cardiologia
Type of entity: Associations and Groups
City funding entity: Barcelona, Catalonia, Spain
Start-End date: 01/09/2014 - 01/09/2015
Total amount: 3.000 €
- 25** **Name of the project:** Desarrollo de bioimplantes para la regeneracion cardiaca con células progenitoras derivadas de la grasa cardiaca, biomateriales y monitorizacion en linea: el "smart patch"
Type of project: Research and development, including transfer
Geographical area: National
Degree of contribution: Coordinator of total project, network or consortium



Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia e Innovación. Investigación **Type of entity:** 0

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Co-ordinator

Name of the programme: SAF

Code according to the funding entity: SAF2011-30067-C02-01

Start-End date: 01/01/2012 - 31/12/2014

Duration: 36 months

Participating entity/entities: Universitat Politècnica de Catalunya

Total amount: 210.000 €

Dedication regime: Full time

- 26 Name of the project:** Projecte de Recerca de la Societat Catalana de Cardiologia 2013 - Estudi comparatiu de la immunoreactivitat exhibida per cèl·lules mare mesenquimals humanes adultes i perinatals

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL

Name principal investigator (PI, Co-PI....): Antonio Bayés Genís

Nº of researchers: 3

Start-End date: 01/09/2013 - 01/09/2014

Total amount: 3.000 €

- 27 Name of the project:** Proyecto de la Sociedad Española de Cardiología para investigación básica en Cardiología 2013 - Ingeniería tisular cardíaca: evaluación de la capacidad regenerativa de las células progenitoras derivadas de la grasa cardíaca contenidas en un bioimplante de fibrina en el modelo murino de infarto de miocardio

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL

Name principal investigator (PI, Co-PI....): Antonio Bayés Genís

Nº of researchers: 3

Start-End date: 01/09/2013 - 01/09/2014

Total amount: 18.000 €

- 28 Name of the project:** Grupo de Investigación en Ingeniería Celular, Tisular y Regenerativa.

Geographical area: Regional

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT
GERMANS TRIAS I PUJOL

Funding entity or bodies:

DURSI

Type of participation: Co-ordinator

Start-End date: 02/09/2009 - 01/09/2013

Duration: 4 years

- 29 Name of the project:** Estudio Observacional Con Componentes Aleatorios Para Investigar La Habilidad De Los Sistemas De Telemonitorización De Tercera Generación Para Mejorar La Gestión De Los Pacientes con Insuficiencia Cardíaca severa de nueva Aparición, Recurrente O Persistente

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** European Union



Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

Name principal investigator (PI, Co-PI....): Antoni Bayes Genis

N° of researchers: 6

Funding entity or bodies:

7FP Comisión Europea

Type of entity: Public Research Body

Type of participation: Team member

Name of the programme: septimo programa marco

Start-End date: 01/01/2012 - 31/12/2012

Total amount: 87.500 €

30 Name of the project: RECATABI Regeneration of Cardiac Tissue Assisted by Bioactive Implants

Type of project: Research and development, including transfer

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

N° of researchers: 25

Funding entity or bodies:

Comisión Europea.

Start-End date: 01/01/2010 - 31/12/2012

Duration: 36 months

Total amount: 300.000 €

31 Name of the project: Estudio aleatorizado y doble ciego para valorar el beneficio del tratamiento con tes en pacientes deficientes con IC avanzada (TIC) (EudraCT number 2009-016498-13) TRA-150

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

Funding entity or bodies:

ministerio de sanidad y politica social

Code according to the funding entity: TRA150

Start-End date: 01/01/2009 - 31/12/2011

Duration: 24 months

32 Name of the project: Células madre derivadas de grasa cardiaca para regeneración miocárdica. Caracterización in vitro y estudios pre-clínicos en los modelos murino y porcino.

Type of project: Research and development, including transfer

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

N° of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: 0

City funding entity: Madrid, Community of Madrid, Spain

Name of the programme: SAF

Code according to the funding entity: SAF2008-05144-C02-01/

Start-End date: 20/12/2008 - 31/12/2011

Participating entity/entities: Universitat Politècnica de Catalunya

33 Name of the project: Desenvolupament de matrius biològiques per a reparar la cicatriu postinfart: alliberament local de cèl.lules mare, factors angiogènics i seguiment en línia de la regeneració miocàrdica

Type of project: Research and development, including transfer

Geographical area: European Union

Degree of contribution: Coordinator of total project, network or consortium



Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

Funding entity or bodies:

fundació la maratón de tv3

Type of entity: Foundation

Code according to the funding entity: exp 08330

Start-End date: 01/11/2008 - 31/12/2011

Duration: 36 months

34 Name of the project: Grupo de Investigación en Ingeniería Celular, Tisular y Regenerativa.

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU

Funding entity or bodies:

DURSI

Start-End date: 01/05/2005 - 31/12/2008

Duration: 48 months

35 Name of the project: Projecte de Recerca de la Societat Catalana de Cardiologia 2007

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

Name principal investigator (PI, Co-PI....): Antoni Bayés Genís

Funding entity or bodies:

Societat Catalana de Cardiologia

Type of entity: Associations and Groups

City funding entity: Barcelona, Catalonia, Spain

Start-End date: 2007 - 2008

Duration: 1 year

Total amount: 3.000 €

36 Name of the project: Proyecto de la Sociedad Española de Cardiología 2006

Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL

Name principal investigator (PI, Co-PI....): Antoni Bayés Genís

Funding entity or bodies:

Sociedad Española de Cardiología

Type of entity: Associations and Groups

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 2006 - 2007

Duration: 1 year

Total amount: 3.000 €

37 Name of the project: Desarrollo de matrices biocompatibles colonizadas por precursores cardiacos para la regeneración del miocardio.

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU

Funding entity or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City funding entity: Catalonia, Spain

Type of participation: Co-ordinator

Name of the programme: SAF

Code according to the funding entity: SAF2004-08044-C03-01

Start-End date: 01/01/2004 - 31/12/2006

Duration: 36 months



- 38** **Name of the project:** Patrón de la insuficiencia cardiaca (función sistólica conservada y deprimida) y pronóstico, implicaciones de los niveles plasmáticos de adipocitoquinas y ghrelin.
Degree of contribution: Researcher
Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Funding entity or bodies: Instituto de Salud Carlos III
Type of entity: Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain
Type of participation: Co-ordinator
Name of the programme: Proyecto FIS 2004-2007
Code according to the funding entity: 04/2199. (adscrito a red temática 03/078)
Start-End date: 01/01/2004 - 31/12/2006
Duration: 36 months
Dedication regime: Full time
- 39** **Name of the project:** Proyecto de la Fundación Española del Corazón 2005
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Fundación Española de Corazón
Start-End date: 2005 - 2006
Duration: 1 year
Total amount: 3.000 €
- 40** **Name of the project:** Proyecto de la Sociedad Española de Cardiología 2005
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Sociedad Española de Cardiología
Type of entity: Associations and Groups
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 2005 - 2006
Duration: 1 year
Total amount: 3.000 €
- 41** **Name of the project:** Estrategias para optimizar los resultados en donación y trasplante. Celulas progenitoras endoteliales y citoquinas en la miocardiopatía dilatada y en el trasplante renal.
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Fundació Puigvert
Type of entity: Foundation
City of entity: barcelona,
Name principal investigator (PI, Co-PI....): antoni bayes genis
Nº of researchers: 9
Funding entity or bodies: Instituto de Salud Carlos III
Type of entity: Public Research Body
City funding entity: Majadahonda, Community of Madrid, Spain
Type of participation: Co-ordinator
Code according to the funding entity: PI050735 (adscrito a red temática 03/03)
Start-End date: 01/01/2005 - 31/12/2005
Duration: 12 months
Dedication regime: Full time



- 42** **Name of the project:** Características epidemiológicas, fisiopatológicas, clínicas, y anatomopatológicas de la muerte súbita en España.
Degree of contribution: Researcher
Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Funding entity or bodies: MINISTERIO DE SANIDAD Y CONSUMO
City funding entity: Spain
Type of participation: Others
Name of the programme: Convocatoria de Redes Temáticas de Investigación Cooperativa. Red de Grupos
Code according to the funding entity: G03/078. 2003
Start-End date: 01/01/2003 - 31/12/2005 **Duration:** 36 months
- 43** **Name of the project:** Estrategias para optimizar los resultados en donación y transplante
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Funding entity or bodies: MINISTERIO DE SANIDAD Y CONSUMO
City funding entity: Spain
Type of participation: Co-ordinator
Code according to the funding entity: C03/03. 2003
Start-End date: 01/01/2003 - 31/12/2005 **Duration:** 36 months
- 44** **Name of the project:** Movilización y nidación de células madre endoteliales y vasculogenesis cardiaca en pacientes con miocardiopatía dilatada idiopática.
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Universitat Autònoma de Barcelona **Type of entity:** University
Funding entity or bodies: Universitat Autònoma de Barcelona **Type of entity:** University
City funding entity: Cerdanyola del Vallès, Catalonia, Spain
Type of participation: Co-ordinator
Name of the programme: Convocatoria para Grupos Emergentes de la Universidad Autónoma de Barcelona. 2004
Start-End date: 01/01/2004 - 31/12/2004 **Duration:** 12 months
- 45** **Name of the project:** Proyecto de Recerca de la Societat Catalana de Cardiologia 2003
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Societat Catalana de Cardiologia **Type of entity:** Associations and Groups
City funding entity: Barcelona, Catalonia, Spain
Start-End date: 2003 - 2004 **Duration:** 1 year
Total amount: 3.000 €



- 46** **Name of the project:** Proyecto de la Sociedad Española de Cardiología
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Name principal investigator (PI, Co-PI....): Antoni Bayés Genís
Funding entity or bodies: Sociedad Española de Cardiología **Type of entity:** Associations and Groups
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 2003 - 2004 **Duration:** 1 year
Total amount: 3.000 €
- 47** **Name of the project:** Desarrollo de una nueva técnica diagnóstica de rechazo cardiaco post-trasplante basada en el registro de la temperatura y la impedancia eléctrica del miocardio.
Degree of contribution: Researcher
Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Funding entity or bodies: Comisión Interministerial de Ciencia y Tecnología **Type of entity:** 0
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Others
Name of the programme: SAF
Code according to the funding entity: SAF2001-1660-CO2-01
Start-End date: 01/01/2001 - 31/12/2003 **Duration:** 36 months
- 48** **Name of the project:** Valor de los Marcadores Pretrombóticos para el Diagnostico de los pacientes con Dolor Torácico Agudo.
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Funding entity or bodies: Comisión Interministerial de Ciencia y Tecnología **Type of entity:** 0
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Others
Name of the programme: SAF
Code according to the funding entity: SAF1996/0058
Start-End date: 01/01/1996 - 31/12/1998 **Duration:** 36 months
- 49** **Name of the project:** Study of Personalized Allocation of defibrillators in Non-ISchemic Heart failure (Spanish I)
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona,
Start date: 01/01/2022
- 50** **Name of the project:** EVOlocumab in Stable Heart Failure With Reduced Ejection Fraction of Ischemic Etiology: EVO-HF Pilot (EVO-HF)
Entity where project took place: Hospital Universitari Germans Trias i Pujol de Badalona **Type of entity:** Healthcare Institutions
City of entity: Badalona, Spain
Nº of researchers: 4



Start date: 28/11/2018

- 51 Name of the project:** CIBER - Cardiovascular diseases - Clinical application of biomarkers in the characterization and stratification of myocardial damage as well as in the assessment of biotherapies targeted to the restauration of ventricular function
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Spain
Nº of researchers: 16
Start date: 22/09/2016
- 52 Name of the project:** Intramyocardial administration of cardiac progenitor cells and angiogenic factors by active biomatrices.
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Spain
Start date: 08/02/2010
- 53 Name of the project:** (Pendiente) Método in vitro para predecir el riesgo de mortalidad en pacientes con shock cardiogénico.
Type of project: Research and development, including transfer
Geographical area: Regional
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
City of entity: Badalona, Spain
Name of the programme: Caixaimpulse 2020
Duration: 1 year

Results

Industrial and intellectual property

- 1 Title registered industrial property:** IN VITRO METHOD FOR PREDICTING MORTALITY RISK IN PATIENTS SUFFERING FROM SHOCK
Inventors/authors/obtainers: Sabidó Aguade, Eduard; Borràs Ramírez, Eva; Rueda Sobella, Ferran; Bayés Genis, Antonio; Iborra Egea, Oriol; García García, Cosme
Entity holder of rights: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Nº of application: 19382126.1 - 1118
Country of inscription: Spain
Date of register: 20/02/2019
Companies: Centro de Regulación Genómica
- 2 Title registered industrial property:** STENT MONITORING
Entity holder of rights: Universitat de Barcelona
Nº of application: PCT/EP2018/075139
Country of inscription: Spain
Date of register: 18/09/2018



- 3 Title registered industrial property:** Neprilysin as heart failure prognostic marker
Inventors/authors/obtainers: Antoni Bayés Genís; Amparo Galan; Jaume Barallat; Josep Lupón Rosés
Entity holder of rights: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Nº of application: EP14182846.7
Date of register: 29/08/2014
Conferral date: 02/03/2016
- 4 Title registered industrial property:** METHOD FOR CONDITIONING STEM CELLS
Inventors/authors/obtainers: Antoni Bayes Genis; Aida Lluçia Valldeperas; Carolina Soler Botija; Ramón Bragós Bardia; Francesc Rosell
Entity holder of rights: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Nº of application: PCT/EP2016/051258
Date of register: 21/01/2016
- 5 Title registered industrial property:** METHODS AND DEVICES FOR MECHANICAL AND ELECTRICAL STIMULATION OF STEM CELL MONOLAYER AND 3D CULTURES FOR TISSUE ENGINEERING APPLICATIONS
Inventors/authors/obtainers: Francesc Rosell; Benjamí Sánchez; Ramón Bragós; Antoni Bayés; Aida Lluçia
Entity holder of rights: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Nº of application: PCT/EP2012/061224
Date of register: 13/06/2012
Conferral date: 19/12/2013
- 6 Title registered industrial property:** Bioactive implant
Inventors/authors/obtainers: Juan Carlos Chaques; Antoni Bayés Genís; Manuel Monleon; Carlos Eduardo Semino; Nicole Zur-Nieden; Philippe Jenny
Entity holder of rights: Institut Químic de Sarrià
Nº of application: EP2422823-A1
Country of inscription: Spain
Date of register: 30/07/2010
Conferral date: 29/02/2012
- 7 Title registered industrial property:** BIOACTIVE IMPLANT FOR MYOCARDIAL REGENERATION AND VENTRICULAR CHAMBER RESTORATION
Inventors/authors/obtainers: Juan Carlos Chaques; Antoni Bayés Genís; Manuel Monleon; Carlos Eduardo Semino; Nicole Zur-Nieden; Philippe Jenny
Entity holder of rights: Institut Químic de Sarrià
Nº of application: WO2011134957-A1
Date of register: 26/04/2011
Conferral date: 03/11/2011
- 8 Title registered industrial property:** New isolated adult stem cell, from fatty mammalian heart tissue, expressing GATA binding protein 4 and/or constitutive form of Cx43, useful for preparing a composition for treating ischemic heart disease and post-myocardial infarction
Inventors/authors/obtainers: Antoni Bayés Genís; Dirk Buscher; Jordi Farré; Cristina Prat Vidal; Santiago Roura
Entity holder of rights: INSTITUT DE RECERCA DE L'HOSPITAL DE LA SANTA CREU I SANT PAU
Nº of application: ES2325715-B1



Country of inscription: Spain

Date of register: 04/08/2007

9 Title registered industrial property: Sistema multiparamétrico para el diagnóstico de rechazo posttrasplante e inflamación basado en la temperatura y la impedancia eléctrica tisular.

Inventors/authors/obtainers: Juan Cinca; Antoni Bayés Genís; Javier Rosell Ferrer

Entity holder of rights: Universitat Politècnica de Catalunya

Nº of application: WO2005044103-A1

Country of inscription: Spain

Date of register: 01/11/2006

10 Title registered industrial property: Marker for inflammatory conditions

Inventors/authors/obtainers: David R Holmes; Antoni Bayés Genís; Cheryl A Conover; Robert S Schwartz

Entity holder of rights: Mayo Clinic

Nº of application: US8323913-B2

Country of inscription: United States of America

Date of register: 31/12/2002

11 Title registered industrial property: Stent treatment apparatus and method

Inventors/authors/obtainers: Allan R Camrud; Antoni Bayes Genis; Robert S Schwartz

Entity holder of rights: Mayo Clinic

Nº of application: US6709449-B2

Country of inscription: United States of America

Date of register: 26/09/2002

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Changes in Antigen Carbohydrate 125 in Patients Receiving Dapagliflozin following an Admission for Acute Heart Failure. *Cardiorenal medicine*. 2025.

Type of production: Scientific paper

2 Design and rationale of the eLym™ System for Decompensation of Excess Lymphatic Fluid via the Thoracic Duct in Acute Heart Failure (DELTA!HF). *ESC Heart Failure*. 2025.

Type of production: Scientific paper

3 Effects of anti-inflammatory therapy in acute heart failure: a systematic review and meta-analysis. *Heart failure reviews*. 2025.

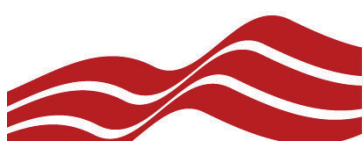
Type of production: Scientific paper

4 Elevated NT-proBNP in Heart Failure and CKD: A Genuine Red Flag for Worse Prognosis-Not a False Positive. *JACC: Heart Failure*. 2025.

Type of production: Scientific paper



- 5** Empagliflozin in acute myocardial infarction in patients with and without type 2 diabetes: A pre!specified analysis of the EMPACT-MI trial. European Journal of Heart Failure. 2025.
Type of production: Scientific paper
- 6** Growth differentiation factor!15: A promising biomarker for early detection of pre!heart failure. European Journal of Heart Failure. 2025.
Type of production: Scientific paper
- 7** Left atrial remodelling and function in various left ventricular hypertrophic phenotypes. European Heart Journal - Cardiovascular Imaging. 2025.
Type of production: Scientific paper
- 8** Left ventricular ejection fraction decline and cardiovascular events in suspected cardiomyopathy with excessive trabeculation: toward precision medicine.Revista Española de Cardiología (English Edition). 2025.
Type of production: Scientific paper
- 9** Prognostic value of left atrioventricular coupling index in heart failure. European Heart Journal - Cardiovascular Imaging. 2025.
Type of production: Scientific paper
- 10** Registries on transcatheter edge-to-edge repair in heart failure: Current evidence and future perspectives.European Journal of Heart Failure. 2025.
Type of production: Scientific paper
- 11** Suspected de novo heart failure in outpatient care: the REVOLUTION HF study. European heart journal. 2025.
Type of production: Scientific paper
- 12** The modulating effect of circulating carbohydrate antigen 125 on ST2 and long-term recurrent morbidity burden.Scientific reports. 2025.
Type of production: Scientific paper
- 13** The risk of death according to left ventricular ejection fraction and right ventricular dilatation in 17321 adults with heart failure from 40 high!, middle! and low!income countries – A Global Congestive Heart Failure study. European Journal of Heart Failure. 2025.
Type of production: Scientific paper
- 14** A multiplexed immunochemical microarray for the determination of cardiovascular disease biomarkers. Microchimica Acta. 2024.
Type of production: Scientific paper
- 15** A roadmap for therapeutic discovery in pulmonary hypertension associated with left heart failure. A scientific statement of the Heart Failure Association (HFA) of the ESC and the ESC Working Group on Pulmonary Circulation & Right Ventricular Function. European journal of heart failure. 2024.
Type of production: Scientific paper
- 16** Antiarrhythmic and Anti-Inflammatory Effects of Sacubitril/Valsartan on Post-Myocardial Infarction Scar. Circulation. Arrhythmia and electrophysiology.2024.
Type of production: Scientific paper
- 17** Assessing the impact of haemodynamic monitoring with CardioMEMS on heart failure patients: a cost–benefit analysis. ESC Heart Failure. 2024.
Type of production: Scientific paper



- 18** Association between N-terminal pro-brain natriuretic peptide and maximal functional capacity in heart failure with preserved ejection fraction: The modifying role of obesity. Obesity research & clinical practice. 2024.
Type of production: Scientific paper
- 19** Awareness, access, and adoption of natriuretic peptides for diagnosis of heart failure. ESC heart failure. 2024.
Type of production: Scientific paper
- 20** Biomarkers of lung congestion and injury in acute heart failure. ESC heart failure. 2024.
Type of production: Scientific paper
- 21** Bio!adrenomedullin: A weak biomarker for a STRONG patient. European journal of heart failure. 2024.
Type of production: Scientific paper
- 22** Bridging Atrial and Ventricular Failure Through Biomarkers. Journal of the American College of Cardiology. 2024.
Type of production: Scientific paper
- 23** Bug attack! The rising importance of Chagas disease. European journal of heart failure. 2024.
Type of production: Scientific paper
- 24** Cardiogenic shock mortality according to Aetiology in a Mediterranean cohort: Results from the Shock!CAT study. ESC Heart Failure. 2024.
Type of production: Scientific paper
- 25** Circulating biomarkers of myocardial remodelling: current developments and clinical applications. Heart. 2024.
Type of production: Scientific paper
- 26** Clinical and prognostic implications of left ventricular dilatation in heart failure. European Heart Journal - Cardiovascular Imaging. 2024.
Type of production: Scientific paper
- 27** Colchicine in acute heart failure: Rationale and design of a randomized double!blind placebo!controlled trial (COLICA). European journal of heart failure. 2024.
Type of production: Scientific paper
- 28** Colchicine in acutely decompensated heart failure: the COLICA trial. European heart journal. 2024.
Type of production: Scientific paper
- 29** Definitions of clinical study outcome measures for cardiovascular diseases: the European Unified Registries for Heart Care Evaluation and Randomized Trials (EuroHeart).European heart journal. 2024.
Type of production: Scientific paper
- 30** Dietary sodium and fluid intake in heart failure. A clinical consensus statement of the Heart Failure Association of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper



- 31** Differences in presentation, diagnosis and management of heart failure in women. A scientific statement of the Heart Failure Association of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper
- 32** Differential sex!related effect of left ventricular ejection fraction trajectory on the risk of mortality and heart failure readmission following hospitalization for acute heart failure: A longitudinal study. European journal of heart failure. 2024.
Type of production: Scientific paper
- 33** Drug therapy and catheter ablation for management of arrhythmias in continuous flow left ventricular assist device's patients: a Clinical Consensus Statement of the European Heart Rhythm Association and the Heart Failure Association of the ESC. Europace. 2024.
Type of production: Scientific paper
- 34** Effect of Empagliflozin on Heart Failure Outcomes After Acute Myocardial Infarction: Insights from the EMPACT-MI Trial. Circulation. 2024.
Type of production: Scientific paper
- 35** Efficacy and Safety of Acoramidis in Transthyretin Amyloid Cardiomyopathy. New England Journal of Medicine. 2024.
Type of production: Scientific paper
- 36** Empagliflozin Attenuates Arrhythmias in an iPSC-Based Model of Hypertrophy Cardiomyopathy. Circulation. Genomic and precision medicine.2024.
Type of production: Scientific paper
- 37** Empagliflozin after Acute Myocardial Infarction. New England Journal of Medicine. 2024.
Type of production: Scientific paper
- 38** Epidemiology, Pathophysiology, Diagnosis and Management of Chronic <scp>Right!Sided</scp> Heart Failure and Tricuspid Regurgitation. A clinical consensus statement of the Heart Failure Association (<scp>HFA</scp>) and the European Association of Percutaneous Cardiovascular Interventions (<scp>EAPCI</scp>) of the <scp>ESC</scp>. European journal of heart failure. 2024.
Type of production: Scientific paper
- 39** European Society of Cardiology Core Curriculum for cardiolo!ncology. European journal of heart failure. 2024.
Type of production: Scientific paper
- 40** Heart failure hospitalization following surgical or transcatheter aortic valve implantation in low!risk aortic stenosis. ESC heart failure. 2024.
Type of production: Scientific paper
- 41** High-sensitivity C-reactive protein and risk of clinical outcomes in patients with acute heart failure. Scientific reports. 2024.
Type of production: Scientific paper
- 42** Hospitalization of Symptomatic Patients With Heart Failure and Moderate to Severe Functional Mitral Regurgitation Treated With MitraClip: Insights From RESHAPE-HF2. Journal of the American College of Cardiology. 2024.
Type of production: Scientific paper



- 43** How to tackle therapeutic inertia in heart failure with reduced ejection fraction. A scientific statement of the Heart Failure Association of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper
- 44** Impact of Epicardial Adipose Tissue on Infarct Size and Left Ventricular Systolic Function in Patients with Anterior ST-Segment Elevation Myocardial Infarction. Diagnostics. 2024.
Type of production: Scientific paper
- 45** Implantation of a double allogeneic human engineered tissue graft on damaged heart: insights from the PERISCOPE phase I clinical trial. eBioMedicine. 2024.
Type of production: Scientific paper
- 46** Implementation of guideline!recommended medical therapy for patients with heart failure in Europe. ESC heart failure. 2024.
Type of production: Scientific paper
- 47** In vivo fluid dynamics of the Ventura interatrial shunt device in patients with heart failure. ESC Heart Failure. 2024.
Type of production: Scientific paper
- 48** Influence of temperature on haemodynamic changes in heart failure: A CardioMEMS pulmonary artery monitoring analysis. European journal of heart failure. 2024.
Type of production: Scientific paper
- 49** Integration of implantable device therapy in patients with heart failure. A clinical consensus statement from the Heart Failure Association (HFA) and European Heart Rhythm Association (EHRA) of the European Society of Cardiology (ESC). European Journal of Heart Failure. 2024.
Type of production: Scientific paper
- 50** Intensive Lifestyle Intervention, Cardiac Biomarkers, and Cardiovascular Outcomes in Diabetes. Journal of the American College of Cardiology. 2024.
Type of production: Scientific paper
- 51** Interatrial Shunt Treatment for Heart Failure: The Randomized RELIEVE-HF Trial. Circulation. 2024.
Type of production: Scientific paper
- 52** Interatrial Shunt Treatment for Heart Failure: The Randomized RELIEVE-HF Trial. Circulation. 2024.
Type of production: Scientific paper
- 53** Interatrial shunt therapy in advanced heart failure: Outcomes from the open!label cohort of the RELIEVE!HF trial. European Journal of Heart Failure. 2024.
Type of production: Scientific paper
- 54** Inter!atrial block as a predictor of adverse outcomes in patients with HFpEF. ESC heart failure. 2024.
Type of production: Scientific paper
- 55** Intrarenal Venous Flow Pattern Changes Do Relate With Renal Function Alterations in Acute Heart Failure. JACC: Heart Failure. 2024.
Type of production: Scientific paper



- 56** Left Atrial Structure and Function Following Ethanol Infusion into Vein of Marshall (MR!SHALL Study). Journal of cardiovascular electrophysiology. 2024.
Type of production: Scientific paper
- 57** Left Ventricular Function, Congestion, and Effect of Empagliflozin on Heart Failure Risk After Myocardial Infarction. Journal of the American College of Cardiology. 2024.
Type of production: Scientific paper
- 58** Left ventricular volume and maximal functional capacity in heart failure with preserved ejection fraction: Size matters. European journal of heart failure. 2024.
Type of production: Scientific paper
- 59** Looking for the ideal medication for heart failure with reduced ejection fraction: a narrative review. Frontiers in cardiovascular medicine. 2024.
Type of production: Scientific paper
- 60** Lower heart rate in patients with acute heart failure: the role of left ventricular ejection fraction. Scandinavian cardiovascular journal : SCJ. 2024.
Type of production: Scientific paper **Format:** Journal
- 61** Lower heart rate in patients with acute heart failure: the role of left ventricular ejection fraction. Scandinavian cardiovascular journal : SCJ. 2024.
Type of production: Scientific paper
- 62** Multidisciplinary care of peripartum heart failure: A scientific statement of the Heart Failure Association of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper
- 63** NT-proBNP: Lower Is Always Better-Even in HFpEF. JACC. Heart failure. 2024.
Type of production: Scientific paper
- 64** Natriuretic Peptides For Diagnosing Heart Stress: Taking Action Now. Journal of cardiac failure. 2024.
Type of production: Scientific paper
- 65** Noncardiovascular morbidity and mortality across left ventricular ejection fraction categories following hospitalization for heart failure. Revista Española de Cardiología (English Edition). 2024.
Type of production: Scientific paper
- 66** N!terminal pro!B!type natriuretic peptide post!discharge monitoring in the management of patients with heart failure and preserved ejection fraction – a randomized trial: The NICE study. European journal of heart failure. 2024.
Type of production: Scientific paper
- 67** PBX/Knotted 1 homeobox-2 (PKNOX2) is a novel regulator of myocardial fibrosis. Signal transduction and targeted therapy.2024.
Type of production: Scientific paper
- 68** Patiromer Facilitates Angiotensin Inhibitor and Mineralocorticoid Antagonist Therapies in Patients With Heart Failure and Hyperkalemia. Journal of the American College of Cardiology. 2024.
Type of production: Scientific paper



- 69** Patiromer for Heart Failure Medication Optimization in Patients With Current or Past Hyperkalemia: DIAMOND Subanalysis. JACC. Heart failure. 2024.
Type of production: Scientific paper
- 70** Patiromer-Facilitated Renin-Angiotensin-Aldosterone System Inhibitor Utilization in Patients with Heart Failure with or without Comorbid Chronic Kidney Disease: Subgroup Analysis of DIAMOND Randomized Trial. American journal of nephrology. 2024.
Type of production: Scientific paper
- 71** Percutaneous repair of moderate to severe or severe functional mitral regurgitation in patients with symptomatic heart failure: Baseline characteristics of patients in the RESHAPE-HF2 trial and comparison to COAPT and MITRA-FR trials. European journal of heart failure. 2024.
Type of production: Scientific paper
- 72** Physician perceptions, attitudes, and strategies towards implementing guideline-directed medical therapy in heart failure with reduced ejection fraction. A survey of the Heart Failure Association of the ESC and the ESC Council for Cardiology Practice. European Journal of Heart Failure. 2024.
Type of production: Scientific paper
- 73** Physician-directed patient self-management in heart failure using left atrial pressure: Interim insights from the VECTOR-HF I and IIa studies. European journal of heart failure. 2024.
Type of production: Scientific paper
- 74** Pre-Heart Failure, Heart Stress, and Subclinical Heart Failure. JACC. Heart failure. 2024.
Type of production: Scientific paper
- 75** Prediction of left ventricular thrombus after myocardial infarction: a cardiac magnetic resonance-based prospective registry. European journal of internal medicine. 2024.
Type of production: Scientific paper
- 76** Prevention and Rehabilitation After Heart Transplantation: A Clinical Consensus Statement of the European Association of Preventive Cardiology, Heart Failure Association of the ESC, and the European Cardio Thoracic Transplant Association, a Section of ESOT. Transplant international : official journal of the European Society for Organ Transplantation. 2024.
Type of production: Scientific paper
- 77** Prevention and rehabilitation after heart transplantation: A clinical consensus statement of the European Association of Preventive Cardiology, Heart Failure Association of the ESC, and the European Cardio Thoracic Transplant Association, a section of ESOT. Transplant international : official journal of the European Society for Organ Transplantation. 2024.
Type of production: Scientific paper
- 78** Prognostic implication of lung ultrasound in heart failure: a pooled analysis of international cohorts. European heart journal. Cardiovascular Imaging. 2024.
Type of production: Scientific paper
- 79** Prognostic role of persistent angina after percutaneous revascularization in chronic coronary syndrome with altered angiography and stress CMR. Revista española de cardiología. 2024.
Type of production: Scientific paper



- 80** Reply to the letter regarding the article 'Head!to!head comparison between recommendations by the ESC and ACC/AHA/HFSA heart failure guidelines'. European Journal of Heart Failure. 2024.
Type of production: Scientific paper
- 81** Reply to: "CardioMEMS in HF patients: study confirms benefit in costs and QALYs, but does not measure QALYs". ESC Heart Failure. 2024.
Type of production: Scientific paper
- 82** Revascularization and outcomes in ischaemic left ventricular dysfunction after heart failure admission: The RevascHeart study. European journal of heart failure. 2024.
Type of production: Scientific paper
- 83** Reverse cardiac remodelling: VICTORIA for inflammation and cardiac metabolism. European journal of heart failure. 2024.
Type of production: Scientific paper
- 84** Right heart failure with left ventricular assist devices: Preoperative, perioperative and postoperative management strategies. A clinical consensus statement of the Heart Failure Association (HFA) of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper
- 85** Role of spot urinary sodium in outpatients with heart failure. Revista española de cardiología. 2024.
Type of production: Scientific paper
- 86** Ten-year prognosis of acute atrial fibrillation in ST-elevation myocardial infarction: recurrence and risk stroke. European heart journal. Acute cardiovascular care. 2024.
Type of production: Scientific paper
- 87** The 25in25 initiative: A novel transformative project to reduce mortality due to heart failure by 25% in the next 25 years. European journal of heart failure. 2024.
Type of production: Scientific paper
- 88** The multidimensional value of natriuretic peptides in heart failure, integrating laboratory and clinical aspects. Critical Reviews in Clinical Laboratory Sciences. 2024.
Type of production: Scientific paper
- 89** The right heart in patients with cancer. A scientific statement of the Heart Failure Association (HFA) of the ESC and the ESC Council of Cardio!Oncology. European journal of heart failure. 2024.
Type of production: Scientific paper
- 90** The 'peptide for life' initiative in the emergency department study. ESC Heart Failure. 2024.
Type of production: Scientific paper
- 91** Time for differential weight management in heart failure. European journal of heart failure. 2024.
Type of production: Scientific paper
- 92** Timing of cardiac magnetic resonance and diagnostic yield in patients with myocardial infarction with nonobstructive coronary arteries. Revista Española de Cardiología (English Edition). 2024.
Type of production: Scientific paper



- 93** Trajectories of Kidney Function in Heart Failure Over a 15-Year Follow-Up: Clinical Profiling and Mortality. JACC: Heart Failure. 2024.
Type of production: Scientific paper
- 94** Transcatheter Valve Repair in Heart Failure with Moderate to Severe Mitral Regurgitation. The New England journal of medicine. 2024.
Type of production: Scientific paper
- 95** Translating the 2021 ESC heart failure guideline recommendations in daily practice: Results from a heart failure survey. A scientific statement of the ESC Council for Cardiology Practice and the Heart Failure Association of the ESC. European journal of heart failure. 2024.
Type of production: Scientific paper
- 96** Urinary Cell Cycle Arrest Biomarkers and Diuretic Efficiency in Acute Heart Failure. Cardiorenal medicine.2024.
Type of production: Scientific paper
- 97** Use of natriuretic peptides and echocardiography for diagnosing heart failure. European Journal of Heart Failure. 2024.
Type of production: Scientific paper
- 98** Validation of 2 clinical scores for transthyretin amyloid cardiomyopathy in a Mediterranean cohort of patients at risk. Revista española de cardiología. 2024.
Type of production: Scientific paper
- 99** β -Blocker Withdrawal and Functional Capacity Improvement in Patients With Heart Failure With Preserved Ejection Fraction. JAMA Cardiology. 2024.
Type of production: Scientific paper
- 100** A multiplexed immunochemical microarray for the determination of cardiovascular disease biomarkers. Mikrochimica acta. 2023.
Type of production: Scientific paper
- 101** A new FGF15/19-mediated gut-to-heart axis controls cardiac hypertrophy. The Journal of Pathology. 2023.
Type of production: Scientific paper
- 102** A new FGF15/19-mediated gut-to-heart axis controls cardiac hypertrophy. The Journal of Pathology. 2023.
Type of production: Scientific paper
- 103** Acute heart failure and valvular heart disease: A scientific statement of the Heart Failure Association, the Association for Acute CardioVascular Care and the European Association of Percutaneous Cardiovascular Interventions of the European Society of Cardiology. European journal of heart failure. 2023.
Type of production: Scientific paper
- 104** An update on utilising brain natriuretic peptide for risk stratification, monitoring and guiding therapy in heart failure. Expert review of molecular diagnostics. 2023.
Type of production: Scientific paper
- 105** Barcelona Bio-HF calculator version 3.0: recalibration and incorporation of sodium–glucose cotransporter 2 inhibitor treatment. European journal of heart failure. 2023.
Type of production: Scientific paper



- 106** Barcelona Bio!HF calculator version 3.0: recalibration and incorporation of sodium–glucose cotransporter 2 inhibitor treatment. European journal of heart failure. 2023.
Type of production: Scientific paper
- 107** Biomarkers for the Diagnosis of Heart Failure in People with Diabetes: A Consensus Report from Diabetes Technology Society. Progress in cardiovascular diseases. 2023.
Type of production: Scientific paper
- 108** Biomarkers of inflammation in heart failure: from risk prediction to possible treatment targets. European journal of heart failure. 2023.
Type of production: Scientific paper
- 109** Biophysical Tissue Characterization of Ventricular Tachycardia Substrate With Local Impedance Mapping to Predict Critical Sites. JACC. Clinical electrophysiology. 2023.
Type of production: Scientific paper
- 110** CA125 for Fluid Overload Monitoring: A New Life for an Old Tool. Journal of the American College of Cardiology. 2023.
Type of production: Scientific paper
- 111** Cardiac electronic implantable devices: A call for a new coding system. Pacing and clinical electrophysiology: PACE. 2023.
Type of production: Scientific paper
- 112** Cardiac magnetic resonance outperforms echocardiography to predict subsequent implantable cardioverter defibrillator therapies in ST-segment elevation myocardial infarction patients. Frontiers in cardiovascular medicine. 2023.
Type of production: Scientific paper
- 113** Care of patients with ST-elevation myocardial infarction: an international analysis of quality indicators in the acute coronary syndrome STEMI Registry of the EURObservational Research Programme and ACVC and EAPCI Associations of the European Society of Cardiology in 11 462 patients. European heart journal. Acute cardiovascular care. 2023.
Type of production: Scientific paper
- 114** Chronotropic index and long-term outcomes in heart failure with preserved ejection fraction. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 115** Colchicine added to standard therapy further reduces fibrosis in pigs with myocardial infarction. Journal of cardiovascular medicine. 2023.
Type of production: Scientific paper
- 116** Comprehensive vasodilatation in women with acute heart failure: Novel insights from the GALACTIC randomized controlled trial. European journal of heart failure. 2023.
Type of production: Scientific paper
- 117** Current and future trial design in refractory cardiogenic shock. European journal of heart failure. 2023.
Type of production: Scientific paper



- 118** Diagnosis and management of patients with left ventricular hypertrophy: Role of multimodality cardiac imaging. A scientific statement of the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2023.
Type of production: Scientific paper
- 119** Early glomerular filtration rate decline is associated with hemoglobin rise following dapagliflozin initiation in heart failure with reduced ejection fraction. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 120** Early glomerular filtration rates changes and risk of mortality in acute heart failure. The modifying role of admission renal function and decongestion. European journal of internal medicine. 2023.
Type of production: Scientific paper
- 121** Editorial: The role of sex in heart failure and transplantation, volume II. Frontiers in cardiovascular medicine. 2023.
Type of production: Scientific paper
- 122** Effect of serum from patients with ST-segment elevation myocardial infarction on endothelial cells. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 123** Endothelial deletion of Wt1 disrupts coronary angiogenesis and myocardium development. Development. 2023.
Type of production: Scientific paper
- 124** Epidemiology, Pathophysiology, Diagnosis and Management of Chronic Right-Sided Heart Failure and Tricuspid Regurgitation. A clinical consensus statement of the Heart Failure Association (HFA) and the European Association of Percutaneous Cardiovascular Interventions (EAPCI) of the ESC. European journal of heart failure. 2023.
Type of production: Scientific paper
- 125** European Society of Cardiology Core Curriculum for cardiology. European journal of heart failure. 2023.
Type of production: Scientific paper
- 126** Evolocumab has no effects on heart failure with reduced ejection fraction injury biomarkers: The EVO!HF trial. European journal of heart failure. 2023.
Type of production: Scientific paper
- 127** Fatty Acid Binding Proteins 3 and 4 Predict Both All-Cause and Cardiovascular Mortality in Subjects with Chronic Heart Failure and Type 2 Diabetes Mellitus. Antioxidants. 2023.
Type of production: Scientific paper
- 128** From congestion to frailty in heart failure: a new perspective for the CA125, De la congestión a la fragilidad en la insuficiencia cardiaca: una nueva perspectiva para el CA125. 2023.
Type of production: Scientific paper
- 129** Global Variations in Heart Failure Etiology, Management, and Outcomes. JAMA. 2023.
Type of production: Scientific paper
- 130** Heart failure risk scores in advanced heart failure patients: insights from the LEVO-D registry. ESC heart failure. 2023.
Type of production: Scientific paper



- 131** Hyponatraemia and changes in natraemia during hospitalization for acute heart failure and associations with in! hospital and long!term outcomes – from the ESC!HFA EORP Heart Failure Long!Term Registry. European journal of heart failure. 2023.
Type of production: Scientific paper
- 132** Impact of dapagliflozin on cardiac remodelling in patients with chronic heart failure: the DAPA!MODA study. European journal of heart failure. 2023.
Type of production: Scientific paper
- 133** Interatrial Block Association With Adverse Cardiovascular Outcomes in Patients Without a History of Atrial Fibrillation. JACC. Clinical electrophysiology. 2023.
Type of production: Scientific paper
- 134** Intrarenal Venous Flow Pattern Changes Do Relate With Renal Function Alterations in Acute Heart Failure. JACC. Heart failure. 2023.
Type of production: Scientific paper
- 135** Is Dapagliflozin a Cardiac Anti-Aging Drug?. JACC. Heart failure. 2023.
Type of production: Scientific paper
- 136** Late gadolinium enhancement distribution patterns in non-ischemic dilated cardiomyopathy: Genotype-phenotype correlation.European heart journal. Cardiovascular Imaging. 2023.
Type of production: Scientific paper
- 137** Left-to-right ventricular volume ratio and outcome in heart failure with preserved ejection fraction. Journal of cardiovascular medicine. 2023.
Type of production: Scientific paper
- 138** Long-term outcomes of extended DAPT in a real-life cohort of consecutive STEMI patients,Pronóstico a largo plazo de la extensión de la TAPD en una cohorte consecutiva de pacientes con IAMCEST. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 139** Making STRONGer the transition phase: personalized GDMT through NT-proBNP monitoring. European heart journal. 2023.
Type of production: Scientific paper
- 140** Mechanical complications in STEMI: prevalence and mortality trends in the primary PCI era. The Ruti-STEMI registry. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 141** Meteorin-like protein is associated with a higher risk profile and predicts a worse outcome in patients with STEMI. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 142** Natriuretic Peptides: Role in the Diagnosis and Management of Heart Failure: A Scientific Statement From the Heart Failure Association of the European Society of Cardiology, Heart Failure Society of America and Japanese Heart Failure Society. Journal of cardiac failure. 2023.
Type of production: Scientific paper



- 143** Noncardiovascular morbidity and mortality across left ventricular ejection fraction categories following hospitalization for heart failure, Morbimortalidad no cardiovascular en función de la fracción de eyección del ventrículo izquierdo tras una hospitalización por insuficiencia cardíaca. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 144** Optimisation of treatments for heart failure with reduced ejection fraction in routine practice: a position statement from a panel of experts. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 145** Optimization of Patient Pathway in Heart Failure with Reduced Ejection Fraction and Worsening Heart Failure. Role of Vericiguat. Patient preference and adherence. 2023.
Type of production: Scientific paper
- 146** Patient phenotype profiling in heart failure with preserved ejection fraction to guide therapeutic decision making. A scientific statement of the Heart Failure Association, the European Heart Rhythm Association of the European Society of Cardiology, and the European Society of Hypertension. European journal of heart failure. 2023.
Type of production: Scientific paper
- 147** Performance analysis of a STEMI network: prognostic impact of the type of first medical contact facility. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 148** Personalizing anti-inflammatory therapy in heart failure: a new way. European journal of heart failure. 2023.
Type of production: Scientific paper
- 149** Practical Algorithms for Early Diagnosis of Heart Failure and Heart Stress using NT!proBNP: A Clinical Consensus Statement from the Heart Failure Association of the ESC. European journal of heart failure. 2023.
Type of production: Scientific paper
- 150** Pre-discharge and early post-discharge management of patients hospitalized for acute heart failure: A scientific statement by the Heart Failure Association of the ESC. European journal of heart failure. 2023.
Type of production: Scientific paper
- 151** Prediction of Left Ventricular Reverse Remodeling and Outcomes by Circulating Collagen-Derived Peptides. JACC. Heart failure. 2023.
Type of production: Scientific paper
- 152** Pre!discharge and early post!discharge management of patients hospitalized for acute heart failure: A scientific statement by the Heart Failure Association of the ESC. European journal of heart failure. 2023.
Type of production: Scientific paper
- 153** Quality over quantity: Assessing the need for multiple biomarkers in predicting heart failure outcomes. European journal of heart failure. 2023.
Type of production: Scientific paper
- 154** Recruited macrophages elicit atrial fibrillation. Science. 2023.
Type of production: Scientific paper
- 155** Safety evaluation of smart scales, smart watches, and smart rings with bioimpedance technology shows evidence of potential interference in cardiac implantable electronic devices. Heart rhythm. 2023.
Type of production: Scientific paper



- 156** Safety, usability, and performance of a wireless left atrial pressure monitoring system in patients with heart failure: the VECTOR!HF trial. European journal of heart failure. 2023.
Type of production: Scientific paper
- 157** Socioeconomic variations determine the clinical presentation, aetiology, and outcome of infective endocarditis: a prospective cohort study from the ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. European heart journal. Quality of care & clinical outcomes. 2023.
Type of production: Scientific paper
- 158** Sudden Cardiac Death in Heart Failure: A 20-Year Perspective From a Mediterranean Cohort. Journal of cardiac failure. 2023.
Type of production: Scientific paper
- 159** The Heart Failure Association endorses the 25in25 initiative. European journal of heart failure. 2023.
Type of production: Scientific paper
- 160** The 'peptide for life' initiative in the emergency department study. ESC heart failure. 2023.
Type of production: Scientific paper
- 161** Time course, factors related to, and prognostic impact of venoarterial extracorporeal membrane flow in cardiogenic shock. ESC heart failure. 2023.
Type of production: Scientific paper
- 162** Timing of cardiac magnetic resonance and diagnostic yield in patients with myocardial infarction with nonobstructive coronary arteries. Revista española de cardiología. 2023.
Type of production: Scientific paper
- 163** Transcatheter Aortic Valve-in-Valve Replacement for Failed Sutureless Aortic Valves. JACC. Cardiovascular interventions. 2023.
Type of production: Scientific paper
- 164** Unlocking the Potential of Natriuretic Peptide Testing in Primary Care: A Roadmap for Early Heart Failure Diagnosis. European journal of heart failure. 2023.
Type of production: Scientific paper
- 165** Value of increased soluble suppressor tumorigenicity biomarker 2 (sST2) on admission as an indicator of severity in patients with COVID-19. Medicina clínica. 2023.
Type of production: Scientific paper
- 166** Webtool to enhance the accuracy of diagnostic algorithms for HFpEF: a prospective cross-over study. ESC heart failure. 2023.
Type of production: Scientific paper
- 167** Worsening of chronic heart failure: definition, epidemiology, management and prevention. A clinical consensus statement by the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2023.
Type of production: Scientific paper



168 'Peptide for Life' in primary care: work in progress. European heart journal. 2022.

Type of production: Scientific paper

169 A Fibrosis Biomarker Early Predicts Cardiotoxicity Due to Anthracycline-Based Breast Cancer Chemotherapy. Cancers. 2022.

Type of production: Scientific paper

170 Acellular cardiac scaffolds enriched with MSC-derived extracellular vesicles limit ventricular remodelling and exert local and systemic immunomodulation in a myocardial infarction porcine model. Theranostics. 2022.

Type of production: Scientific paper

171 Assessment of filling pressures and fluid overload in heart failure: an updated perspective. Revista española de cardiología. 2022.

Type of production: Scientific paper

172 Atrial Mitral and Tricuspid Regurgitation: Sex Matters. A Call for Action to Unravel the Differences Between Women and Men. Frontiers in cardiovascular medicine. 2022.

Type of production: Scientific paper

173 Atrial amyloidosis: mechanisms and clinical manifestations. European journal of heart failure. 2022.

Type of production: Scientific paper

174 Bending oxygen saturation index and risk of worsening heart failure events in chronic heart failure. European journal of heart failure. 2022.

Type of production: Scientific paper

175 Biomarkers for the prediction of heart failure and cardiovascular events in patients with type 2 diabetes: a position statement from the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2022.

Type of production: Scientific paper

176 Biomarkers in Heart Failure with Preserved Ejection Fraction. Cardiac failure review. 2022.

Type of production: Scientific paper

177 Biomarkers in heart failure clinical trials. A review from the Biomarkers Working Group of the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2022.

Type of production: Scientific paper

178 Biomarkers of preclinical ventricular dysfunction in type 2 diabetes mellitus. Revista española de cardiología. 2022.

Type of production: Scientific paper

179 Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. Nature cardiovascular research. 2022.

Type of production: Scientific paper

180 Carbohydrate antigen 125 and risk of heart failure readmissions in patients with heart failure and preserved ejection fraction. Scientific reports. 2022.

Type of production: Scientific paper



- 181** Cardiac biomarkers retain prognostic significance in patients with heart failure and chronic obstructive pulmonary disease. *Journal of cardiovascular medicine*. 2022.
Type of production: Scientific paper
- 182** Cardiac protection by pirfenidone after myocardial infarction: a bioinformatic analysis. *Scientific reports*. 2022.
Type of production: Scientific paper
- 183** Cardiac remodelling - Part 1: From cells and tissues to circulating biomarkers. A review from the Study Group on Biomarkers of the Heart Failure Association of the European Society of Cardiology. *European journal of heart failure*. 2022.
Type of production: Scientific paper
- 184** Cardiac remodelling - Part 2: Clinical, imaging and laboratory findings. A review from the Study Group on Biomarkers of the Heart Failure Association of the European Society of Cardiology. *European journal of heart failure*. 2022.
Type of production: Scientific paper
- 185** Cardiovascular Complications of Interatrial Conduction Block: JACC State-of-the-Art Review. *Journal of the American College of Cardiology*. 2022.
Type of production: Scientific paper
- 186** Cause of Death in Heart Failure Based on Etiology: Long-Term Cohort Study of All-Cause and Cardiovascular Mortality. *Journal of clinical medicine*. 2022.
Type of production: Scientific paper
- 187** Characteristics, management, and outcomes of patients with left-sided infective endocarditis complicated by heart failure: a substudy of the ESC-EORP EURO-ENDO (European infective endocarditis) registry. *European journal of heart failure*. 2022.
Type of production: Scientific paper
- 188** Chronotropic index and long-term outcomes in heart failure with preserved ejection fraction. *Revista española de cardiología*. 2022.
Type of production: Scientific paper
- 189** Circulating levels and prognostic cut-offs of sST2, hs-cTnT, and NT-proBNP in women vs. men with chronic heart failure. *ESC heart failure*. 2022.
Type of production: Scientific paper
- 190** Circulating linoleic acid at the time of myocardial infarction and risk of primary ventricular fibrillation. *Scientific reports*. 2022.
Type of production: Scientific paper
- 191** Circulating virome and inflammatory proteome in patients with ST-elevation myocardial infarction and primary ventricular fibrillation. *Scientific reports*. 2022.
Type of production: Scientific paper
- 192** Circulating virome and inflammatory proteome in patients with ST-elevation myocardial infarction and primary ventricular fibrillation. *Scientific reports*. 2022.
Type of production: Scientific paper
- 193** Clinical Determinants and Prognosis of Left Ventricular Reverse Remodelling in Non-Ischemic Dilated Cardiomyopathy. *Journal of cardiovascular development and disease*. 2022.
Type of production: Scientific paper



- 194** Clinical Risk Score to Predict Pathogenic Genotypes in Patients With Dilated Cardiomyopathy. Journal of the American College of Cardiology. 2022.
Type of production: Scientific paper
- 195** Combination of late gadolinium enhancement and genotype improves prediction of prognosis in non-ischemic dilated cardiomyopathy. European journal of heart failure. 2022.
Type of production: Scientific paper
- 196** Congestion in heart failure: a circulating biomarker-based perspective. A review from the Biomarkers Working Group of the Heart Failure Association, European Society of Cardiology. European journal of heart failure. 2022.
Type of production: Scientific paper
- 197** Development and validation of a decision support tool for the diagnosis of acute heart failure: systematic review, meta-analysis, and modelling study. BMJ : British medical journal / British Medical Association. 2022.
Type of production: Scientific paper
- 198** Different Effects on Protein Expression of CDR132L, an Antisense Inhibitor of miR-132, and Standard Therapies for Myocardial Infarction. Frontiers in cardiovascular medicine. 2022.
Type of production: Scientific paper
- 199** Do we need to EVALUATE multiple biomarkers and/or the same biomarkers multiple times in patients with heart failure?. European journal of heart failure. 2022.
Type of production: Scientific paper
- 200** Education and certification on heart failure of the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2022.
Type of production: Scientific paper
- 201** Electrophysiological effects of adipose graft transposition procedure (AGTP) on the post-myocardial infarction scar: A multimodal characterization of arrhythmogenic substrate. Frontiers in cardiovascular medicine. 2022.
Type of production: Scientific paper
- 202** Empagliflozin in heart failure with preserved and mildly reduced ejection fraction: prognostic benefit confirmed with different endpoint definitions. European journal of heart failure. 2022.
Type of production: Scientific paper
- 203** Endomyocardial biopsy in myocarditis: need for proper tissue characterization to keep it alive and kicking. Revista española de cardiología. 2022.
Type of production: Scientific paper
- 204** Finding a reliable assay for soluble neprilysin. Clinical biochemistry. 2022.
Type of production: Scientific paper
- 205** Fulminant myocarditis in adults: a narrative review. Journal of geriatric cardiology. 2022.
Type of production: Scientific paper
- 206** Global warming, renal function and heart failure over 20 years. International journal of cardiology. 2022.
Type of production: Scientific paper



- 207** GlycA and GlycB as Inflammatory Markers in Chronic Heart Failure. The American journal of cardiology. 2022.
Type of production: Scientific paper
- 208** Head-to-head comparison between recommendations by the ESC and ACC/AHA/HFSA Heart Failure Guidelines. European journal of heart failure. 2022.
Type of production: Scientific paper
- 209** Hospitalization following an emergency-department visit for worsening heart failure: The role of left ventricular ejection fraction. Medicina clínica. 2022.
Type of production: Scientific paper
- 210** Impact analysis of heart failure across European countries: an ESC-HFA position paper. ESC heart failure. 2022.
Type of production: Scientific paper
- 211** Inappropriate sinus tachycardia in post-COVID-19 syndrome. Scientific reports. 2022.
Type of production: Scientific paper
- 212** Incidence, Treatment and Clinical Impact of Iron Deficiency in Chronic Heart Failure: A Longitudinal Analysis. Journal of clinical medicine. 2022.
Type of production: Scientific paper
- 213** Incidence, Treatment and Clinical Impact of Iron Deficiency in Chronic Heart Failure: A Longitudinal Analysis. Journal of clinical medicine. 2022.
Type of production: Scientific paper
- 214** Incidence, predictors and prognostic value of permanent pacemaker implantation following sutureless valve implantation in low-risk aortic stenosis patients. European journal of cardiothoracic surgery. 2022.
Type of production: Scientific paper
- 215** Inefficient diastolic filling in dual-chamber pacemaker recipients: impact of atrio-ventricular interval shortening (AVI-SHORT study). Journal of interventional cardiac electrophysiology. 2022.
Type of production: Scientific paper
- 216** Interatrial Block Predicts Life-Threatening Arrhythmias in Dilated Cardiomyopathy. Journal of the American Heart Association. 2022.
Type of production: Scientific paper
- 217** Long-Term Intracoronary Structural and Vasomotor Assessment of the ABSORB Bioresorbable Vascular Scaffold. The American journal of cardiology. 2022.
Type of production: Scientific paper
- 218** Lung ultrasound in the follow-up of subclinical pulmonary congestion in outpatients with heart failure. Revista española de cardiología. 2022.
Type of production: Scientific paper
- 219** Major Adverse Cardiovascular Events and Mortality Prediction by Circulating GDF-15 in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis. Biomolecules. 2022.
Type of production: Scientific paper



- 220** Management of heart failure with preserved ejection fraction: from neurohormonal antagonists to empagliflozin.Heart failure reviews. 2022.
Type of production: Scientific paper
- 221** Mechanisms governing the therapeutic effect of mesenchymal stromal cell-derived extracellular vesicles: A scoping review of preclinical evidence.Biomedicine & pharmacotherapy. 2022.
Type of production: Scientific paper
- 222** Mortality Risk Prediction Dynamics After Heart Failure Treatment Optimization: Repeat Risk Assessment Using Online Risk Calculators.Frontiers in cardiovascular medicine. 2022.
Type of production: Scientific paper
- 223** Mortality and Heart Failure Risk Reductions in Patients Treated With Sacubitril-Valsartan in Clinical Trials.American journal of therapeutics. 2022.
Type of production: Scientific paper
- 224** Multimodality imaging in aortic stenosis: new diagnostic and therapeutic frontiers.Revista española de cardiología. 2022.
Type of production: Scientific paper
- 225** N-Glycans in Immortalized Mesenchymal Stromal Cell-Derived Extracellular Vesicles Are Critical for EV-Cell Interaction and Functional Activation of Endothelial Cells.International journal of molecular sciences. 2022.
Type of production: Scientific paper
- 226** New-onset persistent left bundle branch block following sutureless aortic valve replacement.Heart. 2022.
Type of production: Scientific paper
- 227** Non-STEMI vs. STEMI Cardiogenic Shock: Clinical Profile and Long-Term Outcomes.Journal of clinical medicine. 2022.
Type of production: Scientific paper
- 228** Nutritional Status According to the GLIM Criteria in Patients with Chronic Heart Failure: Association with Prognosis. Nutrients. 2022.
Type of production: Scientific paper
- 229** Patiromer for the management of hyperkalemia in heart failure with reduced ejection fraction: the DIAMOND trial.European heart journal. 2022.
Type of production: Scientific paper
- 230** Pirfenidone for Idiopathic Pulmonary Fibrosis and Beyond.Cardiac failure review. 2022.
Type of production: Scientific paper
- 231** Potential role of empagliflozin in myocardial iron repletion following ferric carboxymaltose for heart failure.Revista española de cardiología. 2022.
Type of production: Scientific paper
- 232** Practical outpatient management of worsening chronic heart failure.European journal of heart failure. 2022.
Type of production: Scientific paper



- 233** Prevention of sudden death in heart failure with reduced ejection fraction: do we still need an implantable cardioverter-defibrillator for primary prevention?. European journal of heart failure. 2022.
Type of production: Scientific paper
- 234** Prognostic Value and Therapeutic Utility of Lung Ultrasound in Acute and Chronic Heart Failure: A Meta-Analysis.JACC. Cardiovascular imaging. 2022.
Type of production: Scientific paper
- 235** Quality of life in patients with heart failure and improved ejection fraction: one-year changes and prognosis.ESC heart failure. 2022.
Type of production: Scientific paper
- 236** Rationale and design of the pragmatic clinical trial tREatment with Beta-blockers after myOcardial infarction withOut reduced ejection fracTion (REBOOT).European heart journal. Cardiovascular pharmacotherapy. 2022.
Type of production: Scientific paper
- 237** Risk of death associated with incident heart failure in patients with known or suspected chronic coronary syndrome.ESC heart failure. 2022.
Type of production: Scientific paper
- 238** Sacubitril/valsartan affects pulmonary arterial pressure in heart failure with preserved ejection fraction and pulmonary hypertension.ESC heart failure. 2022.
Type of production: Scientific paper
- 239** Sex differences on new-onset heart failure in patients with known or suspected coronary artery disease.European journal of preventive cardiology. 2022.
Type of production: Scientific paper
- 240** Sex-Related Differences in Mortality Following Admission for Acute Heart Failure Across the Left Ventricular Ejection Fraction Spectrum.Journal of the American Heart Association. 2022.
Type of production: Scientific paper
- 241** Short-Term Changes in Left and Right Ventricular Cardiac Magnetic Resonance Feature Tracking Strain Following Ferric Carboxymaltose in Patients With Heart Failure: A Substudy of the Myocardial-IRON Trial.Journal of the American Heart Association. 2022.
Type of production: Scientific paper
- 242** Short-term effects of dapagliflozin on maximal functional capacity in heart failure with reduced ejection fraction (DAPA-VO₂): a randomized clinical trial.European journal of heart failure. 2022.
Type of production: Scientific paper
- 243** Surgery and outcome of infective endocarditis in octogenarians: prospective data from the ESC EORP EURO-ENDO registry.Infection. 2022.
Type of production: Scientific paper
- 244** The "FIFTY SHADOWS" of the RALES Trial: Lessons about the Potential Risk of Dietary Potassium Supplementation in Patients with Chronic Kidney Disease.Journal of clinical medicine. 2022.
Type of production: Scientific paper
- 245** The Potential Anti-remodeling Effect of Paroxetine After Myocardial Infarction May Be Blunted by Beta-Blockers.Frontiers in cardiovascular medicine. 2022.
Type of production: Scientific paper



- 246** The prognostic impact of mechanical atrial dysfunction and atrial fibrillation in heart failure with preserved ejection fraction. *European heart journal. Cardiovascular Imaging*. 2022.
Type of production: Scientific paper
- 247** Therapeutic inertia in the pharmacological management of heart failure with reduced ejection fraction. *ESC heart failure*. 2022.
Type of production: Scientific paper
- 248** Three-Dimensional Echocardiography for Tricuspid Valve Assessment. *Current cardiology reports*. 2022.
Type of production: Scientific paper
- 249** Transcatheter bi-caval valve implantation (CAVI) significantly improves cardiac output: mechanistic insights following CardioMEMS® and TricValve® implantation. *Clinical research in cardiology*. 2022.
Type of production: Scientific paper
- 250** Translational proteomics in cardiogenic shock: from benchmark to bedside. *Journal of geriatric cardiology*. 2022.
Type of production: Scientific paper
- 251** Treatment of cardiac fibrosis: from neuro-hormonal inhibitors to CAR-T cell therapy. *Heart failure reviews*. 2022.
Type of production: Scientific paper
- 252** Urinary NGAL in acute heart failure revisited: the game is not over yet. *International journal of cardiology*. 2022.
Type of production: Scientific paper
- 253** Venous Leg Compression for Tissue Decongestion in Patients With Worsening Congestive Heart Failure. *Frontiers in cardiovascular medicine*. 2022.
Type of production: Scientific paper
- 254** Vericiguat in heart failure: From scientific evidence to clinical practice. *Revista clínica española*. 2022.
Type of production: Scientific paper
- 255** [Long COVID-19 and microvascular disease-related angina]. *Revista española de cardiología*. 2022.
Type of production: Scientific paper
- 256** 1H-magnetic resonance spectroscopy lipoprotein profile in patients with chronic heart failure versus matched controls. *Revista española de cardiología*. 2021.
Type of production: Scientific paper
- 257** Antigen carbohydrate 125 as a biomarker in heart failure: a narrative review. *European journal of heart failure*. 2021.
Type of production: Scientific paper
- 258** Association of Genetic Variants With Outcomes in Patients With Nonischemic Dilated Cardiomyopathy. *Journal of the American College of Cardiology*. 2021.
Type of production: Scientific paper



- 259** Atrioventricular Node Ablation to Enhance Resynchronization Therapy Response in a Patient With Complete Atrioventricular Block. JACC. Case reports. 2021.
Type of production: Scientific paper
- 260** Atypical advanced interatrial block due to giant atrial lipoma. Pacing and clinical electrophysiology : PACE. 2021.
Type of production: Scientific paper
- 261** Awake venoarterial extracorporeal membrane oxygenation for refractory cardiogenic shock. European heart journal. Acute cardiovascular care. 2021.
Type of production: Scientific paper
- 262** B-PO02-167 INAPPROPRIATE SINUS TACHYCARDIA IN POST-COVID-19 SYNDROME. Heart Rhythm. 2021.
Type of production: Scientific paper
- 263** CA125 but not NT-proBNP predicts the presence of a congestive intrarenal venous flow in patients with acute heart failure. European heart journal. Acute cardiovascular care. 2021.
Type of production: Scientific paper
- 264** COVID-19 vaccination in patients with heart failure: a position paper of the Heart Failure Association of the European Society of Cardiology. European journal of heart failure. 2021.
Type of production: Scientific paper
- 265** Caval Valve Implantation (CAVI): An Emerging Therapy for Treating Severe Tricuspid Regurgitation. Journal of clinical medicine. 2021.
Type of production: Scientific paper
- 266** Circulating heart failure biomarkers beyond natriuretic peptides: review from the Biomarker Study Group of the Heart Failure Association (HFA), European Society of Cardiology (ESC). European journal of heart failure. 2021.
Type of production: Scientific paper
- 267** Circulating neprilysin hypothesis: A new opportunity for sacubitril/valsartan in patients with heart failure and preserved ejection fraction?. Public Library of Science one PLoS 1. 2021.
Type of production: Scientific paper
- 268** Clinical Risk Prediction in Patients With Left Ventricular Myocardial Noncompaction. Journal of the American College of Cardiology. 2021.
Type of production: Scientific paper
- 269** Clinical implications of advanced interatrial block: Bayés syndrome. Medicina clínica. 2021.
Type of production: Scientific paper
- 270** Clinical utility of antigen carbohydrate 125 for planning the optimal length of stay in acute heart failure. European journal of internal medicine. 2021.
Type of production: Scientific paper
- 271** Clonal Hematopoiesis and Risk of Progression of Heart Failure With Reduced Left Ventricular Ejection Fraction. Journal of the American College of Cardiology. 2021.
Type of production: Scientific paper



- 272** Coronary Revascularization and Long-Term Survivorship in Chronic Coronary Syndrome. Journal of clinical medicine. 2021.
Type of production: Scientific paper
- 273** Decoding empagliflozin's molecular mechanism of action in heart failure with preserved ejection fraction using artificial intelligence. Scientific reports. 2021.
Type of production: Scientific paper
- 274** Deep Learning Analyses to Delineate the Molecular Remodeling Process after Myocardial Infarction. Cells. 2021.
Type of production: Scientific paper
- 275** Editorial: The Role of Sex in Heart Failure and Transplantation. Frontiers in cardiovascular medicine. 2021.
Type of production: Scientific paper
- 276** Effect of COMBinAktion therapy with remote ischemic conditioning and exenatide on the Myocardial Infarct size: a two-by-two factorial randomized trial (COMBAT-MI). Basic research in cardiology. 2021.
Type of production: Scientific paper
- 277** Effect of β -Blocker Withdrawal on Functional Capacity in Heart Failure and Preserved Ejection Fraction. Journal of the American College of Cardiology. 2021.
Type of production: Scientific paper
- 278** Effects of empagliflozin on CA125 trajectory in patients with chronic congestive heart failure. International journal of cardiology. 2021.
Type of production: Scientific paper
- 279** Endocarditis on a Perceval S sutureless prosthesis. A new valve with a new form of clinical presentation. Revista española de cardiología. 2021.
Type of production: Scientific paper
- 280** EpCAM and microvascular obstruction in patients with STEMI: a cardiac magnetic resonance study. Revista española de cardiología. 2021.
Type of production: Scientific paper
- 281** Head-to-head comparison of contemporary heart failure risk scores. European journal of heart failure. 2021.
Type of production: Scientific paper
- 282** Health-Related Quality of Life and Mortality in Heart Failure: The Global Congestive Heart Failure Study of 23 000 Patients From 40 Countries. Circulation. 2021.
Type of production: Scientific paper
- 283** Heart failure is ejection fraction in motion. European journal of heart failure. 2021.
Type of production: Scientific paper
- 284** Inappropriate sinus tachycardia in post-covid-19 Syndrome. Scientific reports. 2021.
Type of production: Scientific paper



- 285** Increased stem cell proliferation in atherosclerosis accelerates clonal hematopoiesis. *Cell* (Cambridge). 2021.
Type of production: Scientific paper
- 286** Integration of imaging and circulating biomarkers in heart failure: a consensus document by the Biomarkers and Imaging Study Groups of the Heart Failure Association of the European Society of Cardiology. *European journal of heart failure*. 2021.
Type of production: Scientific paper
- 287** Intracoronary Delivery of Porcine Cardiac Progenitor Cells Overexpressing IGF-1 and HGF in a Pig Model of Sub-Acute Myocardial Infarction. *Cells*. 2021.
Type of production: Scientific paper
- 288** Iron deficiency and short-term adverse events in patients with decompensated heart failure. *Clinical research in cardiology : official journal of the German Cardiac Society*. 2021.
Type of production: Scientific paper
- 289** Iron deficiency testing and treatment in heart failure: the eyes are useless when the mind is blind. *European journal of heart failure*. 2021.
Type of production: Scientific paper
- 290** Local administration of porcine immunomodulatory, chemotactic and angiogenic extracellular vesicles using engineered cardiac scaffolds for myocardial infarction. *Bioactive materials*. 2021.
Type of production: Scientific paper
- 291** Long COVID-19 and microvascular disease-related angina. *Revista española de cardiología*. 2021.
Type of production: Scientific paper
- 292** Long-term antibiotic therapy in patients with surgery-indicated not undergoing surgery infective endocarditis. *Cardiology journal*. 2021.
Type of production: Scientific paper
- 293** Lung ultrasound in outpatients with heart failure: the wet-to-dry HF study. *ESC heart failure*. 2021.
Type of production: Scientific paper
- 294** Marathon Running Increases Synthesis and Decreases Catabolism of Joint Cartilage Type II Collagen Accompanied by High-Energy Demands and an Inflammatory Reaction. *Frontiers in physiology*. 2021.
Type of production: Scientific paper
- 295** Meteorin-like/Meteorin- β protects heart against cardiac dysfunction. *The Journal of experimental medicine*. 2021.
Type of production: Scientific paper
- 296** Midterm Outcomes Following Sutureless and Transcatheter Aortic Valve Replacement in Low-Risk Patients With Aortic Stenosis. *Circulation. Cardiovascular interventions*. 2021.
Type of production: Scientific paper
- 297** Mortality trends in an ambulatory multidisciplinary heart failure unit from 2001 to 2018. *Scientific reports*. 2021.
Type of production: Scientific paper

- 298** NT-proBNP for Risk Prediction in Heart Failure: Identification of Optimal Cutoffs Across Body Mass Index Categories. JACC. Heart failure. 2021.
Type of production: Scientific paper
- 299** Optimal carbohydrate antigen 125 cutpoint for identifying low-risk patients after admission for acute heart failure. Revista española de cardiología. 2021.
Type of production: Scientific paper
- 300** Optimising clinical trials in acute myocardial infarction complicated by cardiogenic shock: a statement from the 2020 Critical Care Clinical Trialists Workshop. The Lancet. Respiratory medicine. 2021.
Type of production: Scientific paper
- 301** Our Journey Through Advanced Therapies to Reduce Post-Infarct Scarring. Stem cell reviews and reports. 2021.
Type of production: Scientific paper
- 302** Overlapping Effects of miR-21 Inhibition and Drugs for Idiopathic Pulmonary Fibrosis: Rationale for Repurposing Nintedanib as a Novel Treatment for Ischemia/Reperfusion Injury. Journal of cardiovascular pharmacology. 2021.
Type of production: Scientific paper
- 303** Particle size and cholesterol content of circulating HDL correlate with cardiovascular death in chronic heart failure. Scientific reports. 2021.
Type of production: Scientific paper
- 304** Persistent Pulmonary Hypertension in Corrected Valvular Heart Disease: Hemodynamic Insights and Long-Term Survival. Journal of the American Heart Association. 2021.
Type of production: Scientific paper
- 305** Persistent chest pain after recovery of COVID-19: microvascular disease-related angina?. European heart journal. Case reports. 2021.
Type of production: Scientific paper
- 306** Pirfenidone as a novel cardiac protective treatment. Heart failure reviews. 2021.
Type of production: Scientific paper
- 307** Porcine iPSC Generation: Testing Different Protocols to a Successful Application. Methods in molecular biology. 2021.
Type of production: Scientific paper
- 308** Pre-analytical considerations in biomarker research: focus on cardiovascular disease. Clinical chemistry and laboratory medicine. 2021.
Type of production: Scientific paper
- 309** Preload dependence of pulmonary haemodynamics and right ventricular performance. Clinical research in cardiology : official journal of the German Cardiac Society. 2021.
Type of production: Scientific paper
- 310** Prevalence and characteristics of clonal hematopoiesis in heart failure. Revista española de cardiología. 2021.
Type of production: Scientific paper



- 311** Prevalence and factors associated with atrial mitral and tricuspid regurgitation in patients with atrial fibrillation. *Echocardiography*. 2021.
Type of production: Scientific paper
- 312** Prognostic value of NT-proBNP and CA125 across glomerular filtration rate categories in acute heart failure. *European journal of internal medicine*. 2021.
Type of production: Scientific paper
- 313** Prognostic value of reverse remodelling criteria in heart failure with reduced or mid-range ejection fraction. *ESC heart failure*. 2021.
Type of production: Scientific paper
- 314** Re-appraisal of the obesity paradox in heart failure: a meta-analysis of individual data. *Clinical research in cardiology : official journal of the German Cardiac Society*. 2021.
Type of production: Scientific paper
- 315** Reperfusion therapies and in-hospital outcomes for ST-elevation myocardial infarction in Europe: the ACVC-EAPCI EORP STEMI Registry of the European Society of Cardiology. *European heart journal*. 2021.
Type of production: Scientific paper
- 316** Reply: Effects of Omega-3 Fatty Acids on Ventricular Remodeling and Systemic Inflammation After Acute Myocardial Infarction. *Journal of the American College of Cardiology*. 2021.
Type of production: Scientific paper
- 317** Reply: Natriuretic peptides and Corin in HF: Does Combining 2 Biomarkers Double Our Insights?. *JACC. Heart failure*. 2021.
Type of production: Scientific paper
- 318** Right Heart Dysfunction and Readmission Risk Across Left Ventricular Ejection Fraction Status in Patients With Acute Heart Failure. *Journal of cardiac failure*. 2021.
Type of production: Scientific paper
- 319** Right ventricular function and iron deficiency in acute heart failure. *European heart journal. Acute cardiovascular care*. 2021.
Type of production: Scientific paper
- 320** Sacubitril-Valsartan, Clinical Benefits and Related Mechanisms of Action in Heart Failure With Reduced Ejection Fraction. A Review. *Frontiers in cardiovascular medicine*. 2021.
Type of production: Scientific paper
- 321** The 'Peptide for Life' Initiative: a call for action to provide equal access to the use of natriuretic peptides in the diagnosis of acute heart failure across Europe. *European journal of heart failure*. 2021.
Type of production: Scientific paper
- 322** The CONCERT-HF trial: a sweet and sour symphony. *European journal of heart failure*. 2021.
Type of production: Scientific paper
- 323** The epicardial delivery of cardiosphere derived cells or their extracellular vesicles is safe but of limited value in experimental infarction. *Scientific reports*. 2021.
Type of production: Scientific paper



- 324** The influence of sex and body mass index on the association between soluble neprilysin and risk of heart failure hospitalizations.2021.
Type of production: Scientific paper
- 325** Thirst distress in outpatients with heart failure in a Mediterranean zone of Spain.ESC heart failure. 2021.
Type of production: Scientific paper
- 326** Transition to heart failure in hypertension: going to the heart of the matter.European heart journal. 2021.
Type of production: Scientific paper
- 327** Transitioning From Preclinical Evidence to Advanced Therapy Medicinal Product: A Spanish Experience.Frontiers in cardiovascular medicine. 2021.
Type of production: Scientific paper
- 328** Usefulness of cardiac screening in patients with systemic lupus erythematosus and anti-Ro/SSA antibodies.Lupus. 2021.
Type of production: Scientific paper
- 329** A new option for monitoring heart failure. First experience in Spain with CardioMEMS.Medicina clínica. 2020.
Type of production: Scientific paper **Format:** Journal
- 330** Martínez-Sellés M; Elosua R; Ibarrola M; de Andrés M; Díez-Villanueva P; Bayés-Genis A; Baranchuk A; Bayés-de-Luna A; BAYES Registry Investigators. Advanced interatrial block and P-wave duration are associated with atrial fibrillation and stroke in older adults with heart disease: the BAYES registry.Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology. 2020.
Type of production: Scientific paper **Format:** Journal
- 331** Advanced remote care for heart failure in times of COVID-19 using an implantable pulmonary artery pressure sensor: the new normal.European heart journal supplements : journal of the European Society of Cardiology. 2020.
Type of production: Scientific paper **Format:** Journal
- 332** Altered GDF15 and FGF21 Levels in Response to Strenuous Exercise: A Study in Marathon Runners.Frontiers in physiology. 2020.
Type of production: Scientific paper **Format:** Journal
- 333** Iborra-Egea O; Montero S; Bayes-Genis A. An outlook on biomarkers in cardiogenic shock.Current opinion in critical care. 2020.
Type of production: Scientific paper **Format:** Journal
- 334** Are mesenchymal stem cells and derived extracellular vesicles valuable to halt the COVID-19 inflammatory cascade? Current evidence and future perspectives.Thorax. 2020.
Type of production: Scientific paper **Format:** Journal
- 335** Bisbal F; Baranchuk A; Braunwald E; Bayés de Luna A; Bayés-Genis A. Atrial Failure as a Clinical Entity: JACC Review Topic of the Week.Journal of the American College of Cardiology. 2020.
Type of production: Scientific paper **Format:** Journal
- 336** Benefit of primary percutaneous coronary interventions in the elderly with ST segment elevation myocardial infarction.Open heart. 2020.
Type of production: Scientific paper **Format:** Journal



- 337** Bayes-Genis A; Emdin M; Núñez J. Biomarker-guided management in acute heart failure: is there light at the end of the tunnel?. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 338** Gentile F; Sciarrone P; Zamora E; De Antonio M; Santiago E; Domingo M; Aimo A; Giannoni A; Passino C; Codina P; Bayes-Genis A; Lupon J; Emdin M; Vergaro G. Body mass index and outcomes in ischaemic versus non-ischaemic heart failure across the spectrum of ejection fraction. *European journal of preventive cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 339** Soler M; Miñana G; Santas E; Núñez E; de la Espriella R; Valero E; Bodí V; Chorro FJ; Fernández-Cisnal A; D'Ascoli G; Martí-Cervera J; Sanchis J; Núñez J. CA125 outperforms NT-proBNP in acute heart failure with severe tricuspid regurgitation. *International journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 340** Núñez J; Llàcer P; García-Blas S; Bonanad C; Ventura S; Núñez JM; Sánchez R; Fácila L; de la Espriella R; Vaquer JM; Cordero A; Roqué M; Chamorro C; Bayés-Genís A. CA125-Guided Diuretic Treatment Versus Usual Care in Patients With Acute Heart Failure and Renal Dysfunction. *The American journal of medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 341** Ravassa S; Beaumont J; Cediel G; Lupón J; López B; Querejeta R; Díez J; Bayés-Genís A; González A. Cardiorenal interaction and heart failure outcomes. A role for insulin-like growth factor binding protein 2?. *Revista Espanola De Cardiologia (English Ed.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 342** Barison A; Aimo A; Castiglione V; Arzilli C; Lupón J; Codina P; Santiago-Vacas E; Cediel G; Emdin M; Bayes-Genis A. Cardiovascular disease and COVID-19: les liaisons dangereuses. *European journal of preventive cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 343** Fernández-Vázquez D; Ferrero-Gregori A; Álvarez-García J; Gómez-Otero I; Vázquez R; Delgado Jiménez J; Worner Diz F; Bardají A; García-Pavía P; Pascual Figal DA. Changes in causes of death and influence of therapeutic improvement over time in patients with heart failure and reduced ejection fraction. *Revista espanola de cardiologia (English ed.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 344** Chronotropic Incompetence Predicts Distance Walked in Six-Minute Walk Test in Heart Failure With Preserved Ejection Fraction. *Journal of cardiac failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 345** Circulating Omega-3 Fatty Acids and Incident Adverse Events in Patients With Acute Myocardial Infarction. *Journal of the American College of Cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 346** Aimo A; Januzzi JL; Vergaro G; Richards AM; Lam CSP; Latini R; Anand IS; Cohn JN; Ueland T; Gullestad L; Aukrust P; Brunner-La Rocca HP; Emdin M. Circulating levels and prognostic value of soluble ST2 in heart failure are less influenced by age than N-terminal pro-B-type natriuretic peptide and high-sensitivity troponin T. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 347** Núñez J; Bayés-Genís A; Revuelta-López E; Ter Maaten JM; Miñana G; Barallat J; Cserkóová A; Bodí V; Fernández-Cisnal A; Núñez E; Sanchis J; Lang C; Voors AA. Clinical Role of CA125 in Worsening Heart Failure: A BIostat-CHF Study Subanalysis. *JACC. Heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal



- 348** Lorenzo M; de la Espriella R; Miñana G; Núñez G; Santas E; Núñez E; Heredia R; Mollar A; Civera J; Villaescusa A; Sastre C; Conesa A; Bonanad C; Núñez J. Clinical profile and 1-year clinical outcomes of super elderly patients admitted with acute heart failure. *European journal of internal medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 349** Colchicine for the Treatment of Coronary Artery Disease. *Trends in cardiovascular medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 350** Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the Translational Research Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 351** Comparison between CA125 and NT-proBNP for evaluating congestion in acute heart failure. *Medicina clínica*. 2020.
Type of production: Scientific paper **Format:** Journal
- 352** Prat-Vidal C; Bayes-Genis A. Decellularized pericardial extracellular matrix: The preferred porous scaffold for regenerative medicine. *Xenotransplantation*. 2020.
Type of production: Scientific paper **Format:** Journal
- 353** Bayes-Genis A; Muñoz-Guijosa C; Santiago-Vacas E; Montero S; García-García C; Codina P; Núñez J; Lupón J. Destination Therapy with Left Ventricular Assist Devices in Non-transplant Centres: The Time is Right. *European cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 354** Revuelta-López E; Lupón J; Lax A; Pascual-Figal DA; Bayés-Genís A. Differences in the Interleukin-1 β /Soluble ST2 Interplay Between Acute and Chronic Heart Failure. *Journal of cardiovascular translational research*. 2020.
Type of production: Scientific paper **Format:** Journal
- 355** Palau P; Bertomeu-González V; Sanchis J; Soler M; de la Espriella R; Domínguez E; Santas E; Núñez E; Chorro FJ; Miñana G; Bayés-Genís A; Núñez J. Differential prognostic impact of type 2 diabetes mellitus in women and men with heart failure with preserved ejection fraction. *Revista Espanola De Cardiologia (English Ed.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 356** de la Espriella R; Núñez E; Llàcer P; García-Blas S; Ventura S; Núñez JM; Sánchez R; Fácila L; Vaquer JM; Bodí V; Santas E; Miñana G; Mollar A; Núñez J. Early urinary sodium trajectory and risk of adverse outcomes in acute heart failure and renal dysfunction. *Revista Espanola De Cardiologia (English Ed.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 357** Effect of low-dose colchicine in acute and chronic coronary syndromes: A systematic review and meta-analysis. *European journal of clinical investigation*. 2020.
Type of production: Scientific paper **Format:** Journal
- 358** de la Espriella R; Bayés-Genís A; Núñez J. Efficacy and safety of combined neprilysin and RAS inhibition in heart failure: Let's leave the doubts behind. *International journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 359** Chachques JC; Lila N; Soler-Botija C; Martinez-Ramos C; Valles A; Autret G; Perier MC; Mirochnik N; Monleon-Pradas M; Bayes-Genis A; Semino CE. Elastomeric cardiopatch scaffold for myocardial repair and ventricular support. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*. 2020.

**Type of production:** Scientific paper**Format:** Journal

- 360** Empagliflozin improves post-infarction cardiac remodeling through GTP enzyme cyclohydrolase 1 and irrespective of diabetes status. Scientific reports. 2020.

Type of production: Scientific paper**Format:** Journal

- 361** Miñana G; de la Espriella R; Mollar A; Santas E; Núñez E; Valero E; Bodí V; Chorro FJ; Fernández-Cisnal A; Martí-Cervera J; Sanchis J; Bayés-Genís A; Núñez J. Factors associated with plasma antigen carbohydrate 125 and amino-terminal pro-B-type natriuretic peptide concentrations in acute heart failure. European heart journal. Acute cardiovascular care. 2020.

Type of production: Scientific paper**Format:** Journal

- 362** Prat-Vidal C; Rodríguez-Gómez L; Aylagas M; Nieto-Nicolau N; Gastelurrutia P; Agustí E; Gálvez-Montón C; Jorba I; Teis A; Monguió-Tortajada M; Bayes-Genis A. First-in-human Pericord cardiac bioimplant: Scalability and GMP manufacturing of an allogeneic engineered tissue graft. EBioMedicine. 2020.

Type of production: Scientific paper**Format:** Journal

- 363** Bayés-Genis A. Heart Failure Treatment by Device. European cardiology. 2020.

Type of production: Scientific paper**Format:** Journal

- 364** Ferrer-Sistach E; Lupón J; Cediell G; Revuelta-López E; Bayés-Genís A. Highly sensitive troponin T dynamics and prognosis in asymptomatic severe aortic stenosis. Revista Espanola De Cardiologia (English Ed.). 2020.

Type of production: Scientific paper**Format:** Journal

- 365** Crespo-Leiro MG; Barge-Caballero E; Segovia-Cubero J; González-Costello J; López-Fernández S; García-Pinilla JM; Almenar-Bonet L; de Juan-Bagudá J; Delgado-Jiménez J. Hyperkalemia in heart failure patients in Spain and its impact on guidelines and recommendations: ESC-EORP-HFA Heart Failure Long-Term Registry. Revista Espanola De Cardiologia (English Ed.). 2020.

Type of production: Scientific paper**Format:** Journal

- 366** Identifying very low-risk STEMI patients for early ICU discharge in the COVID-19 era. Clinical research in cardiology. 2020.

Type of production: Scientific paper**Format:** Journal

- 367** Interatrial block and cognitive impairment in the BAYES prospective registry. International journal of cardiology. 2020.

Type of production: Scientific paper**Format:** Journal

- 368** Is Acute heart failure a distinctive disorder? An analysis from BIOSTAT-CHF. European journal of heart failure. 2020.

Type of production: Scientific paper**Format:** Journal

- 369** Julián MT; Alonso N; Lupón J; Gavidia-Bovadilla G; Ferrer E; de Antonio M; López-Ayerbe J; Domingo M; Santiago-Vacas E; Zamora E; Codina P; Bayes-Genis A. Long-term LVEF trajectories in patients with type 2 diabetes and heart failure: diabetic cardiomyopathy may underlie functional decline. Cardiovascular diabetology. 2020.

Type of production: Scientific paper**Format:** Journal

- 370** Gavara J; Rodriguez-Palomares JF; Rios-Navarro C; Valente F; Monmeneu JV; Lopez-Lereu MP; Ferreira-Gonzalez I; Garcia Del Blanco B; Otaegui I; Bodí V. Longitudinal strain in remote non-infarcted myocardium by tissue tracking CMR: characterization, dynamics, structural and prognostic implications. The international journal of cardiovascular imaging. 2020.

Type of production: Scientific paper**Format:** Journal

- 371** Benitez-Amaro A; Revuelta-López E; Bornachea O; Cedó L; Veà À; Herrero L; Roglans N; Soler-Botija C; de Gonzalo-Calvo D; Nasarre L; Camino-López S; Llorente-Cortes V. Low-density lipoprotein receptor-related protein 1 deficiency in cardiomyocytes reduces susceptibility to insulin resistance and obesity. *Metabolism: clinical and experimental*. 2020.
Type of production: Scientific paper **Format:** Journal
- 372** Conangla L; Domingo M; Lupón J; Wilke A; JuncÀ G; Tejedor X; Volpicelli G; Evangelista L; Pera G; Toran P; Mas A; Cedié G; Verdú JM; Bayes-Genis A. Lung Ultrasound for Heart Failure Diagnosis in Primary Care. *Journal of cardiac failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 373** Roca E; Nescolarde L; Brotons D; Bayes-Genis A; Roche E. Macronutrient and mineral intake effects on racing time and cardiovascular health in non-elite marathon runners. *Nutrition (Burbank, Los Angeles County, Calif.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 374** Magnetic Resonance Imaging-Guided Fibrosis Ablation for the Treatment of Atrial Fibrillation: The ALICIA Trial. *Circulation. Arrhythmia and electrophysiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 375** Báez-Díaz C; Blanco-Blázquez V; Sánchez-Margallo FM; Bayes-Genis A; González I; Abad A; Steendam R; Franssen O; Palacios I; Sánchez B; Crisóstomo V. Microencapsulated Insulin-Like Growth Factor-1 therapy improves cardiac function and reduces fibrosis in a porcine acute myocardial infarction model. *Scientific reports*. 2020.
Type of production: Scientific paper **Format:** Journal
- 376** Joaquín C; Alonso N; Lupón J; de Antonio M; Domingo M; Moliner P; Zamora E; Codina P; Ramos A; González B; Rivas C; Cachero M; Puig-Domingo M; Bayes-Genis A. Mini Nutritional Assessment Short Form is a morbi-mortality predictor in outpatients with heart failure and mid-range left ventricular ejection fraction. *Clinical nutrition (Edinburgh, Scotland)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 377** Molecular signature of cardiogenic shock. *European heart journal*. 2020.
Type of production: Scientific paper **Format:** Journal
- 378** Ravassa S; González A; Bayés-Genís A; Lupón J; Díez J. Myocardial interstitial fibrosis in the era of precision medicine. Biomarker-based phenotyping for a personalized treatment. *Revista Espanola De Cardiologia (English Ed.)*. 2020.
Type of production: Scientific paper **Format:** Journal
- 379** Revuelta-López E; Núñez J; Gastelurrutia P; Cedié G; Januzzi JL; Ibrahim NE; Emdin M; VanKimmenade R; Pascual-Figal D; Núñez E; Gommans F; Lupón J; Bayés-Genís A. Neprilysin inhibition, endorphin dynamics, and early symptomatic improvement in heart failure: a pilot study. *ESC heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 380** Di Marco A; Rodriguez M; Cinca J; Bayes-Genis A; Ortiz-Perez JT; Ariza-Solé A; Sanchez-Salado JC; Sionis A; Rodriguez J; Toledano B; Codina P; Anguera I. New Electrocardiographic Algorithm for the Diagnosis of Acute Myocardial Infarction in Patients With Left Bundle Branch Block. *Journal of the American Heart Association*. 2020.
Type of production: Scientific paper **Format:** Journal
- 381** Núñez J; Miñana G; Cardells I; Palau P; Llàcer P; Fàcil L; Almenar L; López-Lereu MP; Monmeneu JV; Amiguet M; González J; Serrano A; Montagud V; Myocardial!IRON Investigators* †. Noninvasive Imaging Estimation of Myocardial Iron Repletion Following Administration of Intravenous Iron: The Myocardial-IRON Trial. *Journal of the American Heart Association*. 2020.
Type of production: Scientific paper **Format:** Journal



- 382** Bayes-Genis A; Liu PP; Lanfear DE; de Boer RA; González A; Thum T; Emdin M; Januzzi JL. Omics phenotyping in heart failure: the next frontier. *European heart journal*. 2020.
Type of production: Scientific paper **Format:** Journal
- 383** Pozzoli M; Gonzalez-Costello J; Bayes-Genis A; Sinagra G; Anker SD; Coats AJS; Crespo-Leiro MG; Filippatos G; Laroche C; Maggioni AP; Mebazaa A; ESC Heart Failure Long-Term Registry Investigators Group. Prevalence of risk of thrombosis and of bleeding and antithrombotic treatment in patients with heart failure. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 384** Previously Undetected Obstructive Sleep Apnea in Patients With New-Onset Atrial Fibrillation. *The American journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 385** Santiago-Vacas E; Lupón J; Gavidia-Bovadilla G; Gual-Capllonch F; de Antonio M; Domingo M; Núñez J; Zamora E; Teis A; Moliner P; Codina P; Bayes-Genis A. Pulmonary hypertension and right ventricular dysfunction in heart failure: prognosis and 15-year prospective longitudinal trajectories in survivors. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 386** Santas E; de la Espriella R; Palau P; Miñana G; Amiguet M; Sanchis J; Lupón J; Bayes-Genís A; Chorro FJ; Núñez Villota J. Rehospitalization burden and morbidity risk in patients with heart failure with mid-range ejection fraction. *ESC heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 387** Bayés-de-Luna A; Martínez-Sellés M; Elosua R; Bayés-Genís A; Mendieta G; Baranchuk A; Breithardt G. Relation of Advanced Interatrial Block to Risk of Atrial Fibrillation and Stroke. *The American Journal of Cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 388** Relation of Interatrial Block to Cognitive Impairment in Patients ≥ 70 Years of Age (From the CAMBIAD Case-control Study). *The American journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 389** Nescolarde L; Roca E; Bogóñez-Franco P; Hernández-Hermoso J; Bayes-Genis A; Ara J. Relationship Between Bioimpedance Vector Displacement and Renal Function After a Marathon in Non-elite Runners. *Frontiers in Physiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 390** Relative Efficacy of Sacubitril-Valsartan, Vericiguat, and SGLT2 Inhibitors in Heart Failure with Reduced Ejection Fraction: a Systematic Review and Network Meta-Analysis. *Cardiovascular drugs and therapy*. 2020.
Type of production: Scientific paper **Format:** Journal
- 391** Renal function dynamics following co-administration of sacubitril/valsartan and empagliflozin in patients with heart failure and type 2 diabetes. *ESC heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 392** Ferrer-Sistach E; Lupón J; Serrano García S; Teis Soley A; Gual-Capllonch F; Juncà-Puig G; Vallejo-Camazón N; López-Ayerbe J; Bayés-Genís A. Repeat physical stress echocardiography in asymptomatic severe aortic stenosis. *Cardiology journal*. 2020.
Type of production: Scientific paper **Format:** Journal



- 393** Lupón J; Bayes-Genis A. Response. The ST2-SCD score in ambulatory heart failure patients. *International journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 394** Santas E; De la Espriella R; Chorro FJ; Palau P; Miñana G; Heredia R; Amiguet M; Merenciano H; Sanchis J; Lupón J; Bayés-Genís A; Núñez J. Right Ventricular Dysfunction Staging System for Mortality Risk Stratification in Heart Failure With Preserved Ejection Fraction. *Journal of clinical medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 395** Miñana G; Núñez J; Bayés-Genís A; Revuelta-López E; Ríos-Navarro C; Núñez E; Chorro FJ; López-Lereu MP; Monmeneu JV; Lupón J; Sanchis J; Bodí V. Role of PCSK9 in the course of ejection fraction change after ST-segment elevation myocardial infarction: a pilot study. *ESC heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 396** Bayes-Genis A.. Sacubitril/Valsartan as Antifibrotic Drug: Rejuvenating the Fibrosed HFpEF Heart. *Journal of the American College of Cardiology*. 2020. Available on-line at: <<http://doi.org/10.1016/j.jacc.2020.06.016>>.
Type of production: Scientific paper **Format:** Journal
- 397** Sacubitril/valsartan for the management of heart failure: A perspective viewpoint on current evidence. *International journal of cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 398** Self-care of heart failure patients: practical management recommendations from the Heart Failure Association of the European Society of Cardiology. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 399** Lainščak M; Milinković I; Polovina M; Crespo-Leiro MG; Lund LH; Anker SD; Laroche C; Ferrari R; Coats AJS; McDonagh T; Filippatos G; Maggioni AP; European Society of Cardiology Heart Failure Long-Term Registry Inv. Sex- and age-related differences in the management and outcomes of chronic heart failure: an analysis of patients from the ESC HFA EORP Heart Failure Long-Term Registry. *European journal of heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 400** Sex-Related Differences in the Mechanism of Functional Tricuspid Regurgitation. *Heart, lung & circulation*. 2020.
Type of production: Scientific paper **Format:** Journal
- 401** Short- and Long-Term Mortality Trends in STEMI-Cardiogenic Shock over Three Decades (1989-2018): The Ruti-STEMI-Shock Registry. *Journal of clinical medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 402** Short-term changes in left and right systolic function following ferric carboxymaltose: a substudy of the Myocardial-IRON trial. *ESC heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 403** Sanz-Fraile H; Amoros S; Mendizabal I; Galvez-Monton C; Prat-Vidal C; Bayes-Genis A; Navajas D; Farre R; Otero J. Silk-Reinforced Collagen Hydrogels with Raised Multiscale Stiffness for Mesenchymal Cells 3D Culture. *Tissue engineering. Part A*. 2020.
Type of production: Scientific paper **Format:** Journal
- 404** Soluble Neprilysin and Corin Concentrations in Relation to Clinical Outcome in Chronic Heart Failure. *JACC. Heart failure*. 2020.
Type of production: Scientific paper **Format:** Journal



- 405** Soluble ST2 and Diuretic Efficiency in Acute Heart Failure and Concomitant Renal Dysfunction. *Journal of cardiac failure*. 2020.
Type of production: Scientific paper **Format:** Journal
- 406** Soler-Botija C; Forcales SV; Bayés Genís A. Spotlight on epigenetic reprogramming in cardiac regeneration. *Seminars in cell & developmental biology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 407** The impact of frailty in aortic valve surgery. *BMC geriatrics*. 2020.
Type of production: Scientific paper **Format:** Journal
- 408** Bayes-Genis A; Pascual-Figal D; Núñez J. The pre-HFpEF stage: a new entity that requires proper phenotyping for better management. *European journal of preventive cardiology*. 2020.
Type of production: Scientific paper **Format:** Journal
- 409** Thirst and factors associated with frequent thirst in patients with heart failure in Spain. *Heart & lung : the journal of critical care*. 2020.
Type of production: Scientific paper **Format:** Journal
- 410** Bayes-Genis A; Bisbal F; Núñez J; Santas E; Lupón J; Rossignol P; Paulus W. Transitioning from Preclinical to Clinical Heart Failure with Preserved Ejection Fraction: A Mechanistic Approach. *Journal of clinical medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 411** Transitioning from a coronary to a critical cardiovascular care unit: trends over the past three decades. *Eur Heart J Acute Cardiovasc Care*. 2020.
Type of production: Scientific paper **Format:** Journal
- 412** Trends in Short- and Long-Term ST-Segment-Elevation Myocardial Infarction Prognosis Over 3 Decades: A Mediterranean Population-Based ST-Segment-Elevation Myocardial Infarction Registry. *Journal of the American Heart Association*. 2020.
Type of production: Scientific paper **Format:** Journal
- 413** la Espriella R; Bayés-Genís A; Núñez E; Núñez J. Urine: an overlooked biomedium in heart failure?. *Biomarkers in medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 414** Gonzalez-Costello J; Cainzos-Achirica M; Lupón J; Farré N; Moliner-Borja P; Enjuanes C; de Antonio M; Fuentes L; Díez-López C; Bayés-Genis A; Comin-Colet J. Use of intravenous iron in patients with iron deficiency and chronic heart failure: Real-world evidence. *European journal of internal medicine*. 2020.
Type of production: Scientific paper **Format:** Journal
- 415** Lupón J; Cediell G; Moliner P; de Antonio M; Domingo M; Zamora E; Núñez J; González B; Santiago-Vacas E; Santesmases J; Troya MI; Díez-Quevedo C; Bayes-Genis A. A bio-clinical approach for prediction of sudden cardiac death in outpatients with heart failure: The ST2-SCD score. *International journal of cardiology*. 2019.
Type of production: Scientific paper **Format:** Journal
- 416** Chioncel O; Mebazaa A; Maggioni AP; Harjola VP; Rosano G; Laroche C; Piepoli MF; Crespo-Leiro MG; Lainscak M; Ponikowski P; Filippatos G; ESC-EORP-HFA Heart Failure Long-Term Registry Investigators. Acute heart failure congestion and perfusion status - impact of the clinical classification on in-hospital and long-term outcomes; insights from the ESC-EORP-HFA Heart Failure Long-Term Registry. *European journal of heart failure*. 2019.
Type of production: Scientific paper **Format:** Journal

- 417** O. Chioncel; A. Mebazaa; A.P. Maggioni; V.-P. Harjola; G. Rosano; C. Laroche; M.F. Piepoli; M.G. Crespo-Leiro; M. Lainscak; P. Ponikowski; G. Filippatos; F. Ruschitzka; P. Seferovic; A.J.S. Coats; L.H. Lund; J. Auer; K. Ablasser; F. Fruhwald; T. Dolze; K. Brandner; S. Gstrein; G. Poelzl; D. Moertl; S. Reiter; A. Podczec-Schweighofer; A. Muslibegovic; M. Vasilj; E. Fazlibegovic; M. Cesko; D. Zelenika; B. Palic; D. Pravidic; D. Cuk; K. Vitlianova; T. Katova; T. Velikov; T. Kurteva; P. Gatzov; D. Kamenova; M. Antova; V. Sirakova; J. Krejci; M. Mikolaskova; J. Spinar; J. Krupicka; F. Malek; M. Hegarova; M. Lazarova; Z. Monhart; M. Hassanein; M. Sobhy; F. El Messiry; A.H. El Shazly; Y. Elrakshy; A. Youssef; A.A. Moneim; M. Noamany; A. Reda; T.K.A. Dayem; N. Farag; S.I. Halawa; M.A. Hamid; K. Said; A. Saleh; H. Ebeid; R. Hanna; R. Aziz; O. Louis; M.A. Enen; B.S. Ibrahim; G. Nasr; A. Elbahry; H. Sobhy; M. Ashmawy; M. Gouda; W. Aboleineen; Y. Bernard; P. Luporsi; N. Meneveau; M. Pillot; M. Morel; M.-F. Seronde; F. Schiele; F. Briand; F. Delahaye; T. Damy; J.-C. Eicher; P. de Groote; M. Fertin; N. Lamblin; R. Isnard; C. Lefol; S. Thevenin; A. Hagege; G. Jondeau; D. Logeart; V. Le Marcis; J.-F. Ly; D. Coisne; B. Lequeux; V. Le Moal; S. Mascle; P. Lotton; N. Behar; E. Donal; C. Thebault; C. Ridard; A. Reynaud; A. Basquin; F. Bauer; R. Codjia; M. Galinier; P. Tourikis; M. Stavroula; D. Tousoulis; C. Stefanadis; C. Chrysohoou; I. Kotrogiannis; V. Matzaraki; T. Dimitroula; A. Karavidas; G. Tsitsinakakis; C. Kapelios; J. Nanas; H. Kampouri; E. Nana; E. Kaldara; A. Eugenidou; P. Vardas; I. Saloustros; A. Patrianakos; T. Tsaknakis; S. Evangelou; N. Nikoloulis; H. Tziourganou; A. Tsaroucha; A. Papadopoulou; A. Douras; L. Polgar; B. Merkely; A. Kosztin; N. Nyolczas; A.C. Nagy; R. Halmosi; J. Elber; I. Alony; A. Shotan; A.V. Fuhrmann; O. Amir; S. Romano; S. Marcon; M. Penco; M. Di Mauro; E. Lemme; V. Carubelli; R. Rovetta; M. Metra; M. Bulgari; F. Quinzani; C. Lombardi; S. Bosi; G. Schiavina; A. Squeri; A. Barbieri; G. Di Tano; S. Pirelli; R. Ferrari; A. Fucili; T. Passero; S. Musio; M. Di Biase; M. Correale; G. Salvemini; S. Brognoli; E. Zanelli; A. Giordano; P. Agostoni; G. Italiano; E. Salvioni; S. Copelli; M.G. Modena; L. Reggianini; C. Valenti; A. Olaru; S. Bandino; M. Deidda; G. Mercuro; C.C. Dessalvi; P.N. Marino; M.V. Di Ruocco; C. Sartori; C. Piccinino; G. Parrinello; G. Licata; D. Torres; S. Giambanco; S. Busalacchi; S. Arrotti; S. Novo; R.M. Inciardi; P. Pieri; P.R. Chirco; M.A. Galifi; G. Teresi; D. Buccheri; A. Minacapelli; M. Veniani; A. Frisinghelli; S.G. Priori; S. Cattaneo; C. Opasich; A. Gualco; M. Pagliaro; M. Mancione; F. Fedele; A. Cinque; M. Vellini; I. Scarfo; F. Romeo; F. Ferraiuolo; D. Sergi; M. Anselmi; F. Melandri; E. Leci; E. Iori; V. Bovolo; S. Pidello; S. Freja; S. Bergerone; M. Botta; F.G. Canavosio; F. Gaita; M. Merlo; M. Cinquetti; G. Sinagra; F. Ramani; E. Fabris; D. Stolfo; J. Artico; D. Miani; C. Fresco; C. Daneluzzi; A. Proclemer; M. Ciccoira; L. Zanolli; G. Marchese; F. Torelli; C. Vassanelli; N. Voronina; A. Erglis; V. Tamakauskas; V. Smalinskas; R. Karaliute; I. Petraskiene; E. Kazakauskaite; E. Rumbinaite; A. Kavoliuniene; V. Vysniauskas; R. Brazyte-Ramanauskienė; D. Petraskiene; S. Stankala; P. Switala; Z. Juszczak; W. Sinkiewicz; W. Gilewski; J. Pietrzak; T. Orzel; P. Kasztelowicz; P. Kardaszewicz; M. Lazorko-Piega; J. Gabryel; K. Mosakowska; J. Bellwon; A. Rynkiewicz; G. Raczak; E. Lewicka; A. Dabrowska-Kugacka; R. Bartkowiak; B. Sosnowska-Pasiarska; B. Wozakowska-Kaplon; A. Krzeminski; M. Zabojszcz; E. Mirek-Bryniarska; A. Grzegorzko; K. Bury; J. Nessler; J. Zalewski; A. Furman; M. Broncel; A. Poliwczak; A. Bala; P. Zycinski; M. Rudzinska; L. Jankowski; J.D. Kasprzak; L. Michalak; K.W. Soska; J. Drozd; I. Huziuk; A. Retwinski; P. Flis; J. Weglarz; A. Bodys; S. Grajek; M. Kaluzna-Oleksy; E. Straburzynska-Migaj; R. Dankowski; K. Szymanowska; J. Grabia; A. Szyszka; A. Nowicka; M. Samcik; L. Wolniewicz; K. Bac... . Acute heart failure congestion and perfusion status – impact of the clinical classification on in-hospital and long-term outcomes; insights from the ESC-EORP-HFA Heart Failure Long-Term Registry. *European Journal of Heart Failure*. 21 - 11, pp. 1338 - 1352. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066898809&doi=10.1002%2fejhf.1492&partnerID=40&md5=926bead1eaf0607b886e981451fadba5>>.

Type of production: Scientific paper

Format: Journal

- 418** Rueda F; Lupón J; García-García C; Cediell G; Aranda Nevado MC; Serra Gregori J; Labata C; Oliveras T; Ferrer M; de Diego O; Serra J; Bayés-Genís A. Acute-phase dynamics and prognostic value of growth differentiation factor-15 in ST-elevation myocardial infarction. *Clinical chemistry and laboratory medicine*. 2019.

Type of production: Scientific paper

Format: Journal

- 419** Muñoz-Ferrer A; Rodriguez-Pons L; Garcia-Olivé I; Lupón J; de Antonio M; Domingo M; Moliner P; Zamora E; Santiago E; Bayes-Genis A; Abad J. Airflow limitation in patients with heart failure: Prevalence and associated factors. *Medicina clinica*. 2019. ISSN 0025-7753

DOI: 10.1016/j.medcli.2018.11.016

PMID: 30616915

Type of production: Scientific paper

- 420** Pacho C; Domingo M; Núñez R; Lupón J; Vela E; Bayes-Genis A. An Early Post-discharge Intervention Planned to Reduce 30-day Readmissions in old and Frail Heart Failure Patients Remains Beneficial at 1 Year. *Revista Espanola De Cardiologia (English Ed.)*. 2019.

**Type of production:** Scientific paper**Format:** Journal

- 421** Solomon SD; McMurray JJV; Anand IS; Ge J; Lam CSP; Maggioni AP; Martinez F; Packer M; Pfeffer MA; Pieske B; Redfield MM; Rouleau JL; PARAGON-HF Investigators; Committees. Angiotensin-Neprilysin Inhibition in Heart Failure with Preserved Ejection Fraction. *The New England journal of medicine*. 2019.

Type of production: Scientific paper**Format:** Journal

- 422** Martinez-Selles M; Bayes-Genis A. Asymptomatic severe aortic stenosis: biomarkers are welcome. *Heart (British Cardiac Society)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 423** Llàcer P; Bayés-Genís A; Núñez J. Carbohydrate antigen 125 in heart failure. New era in the monitoring and control of treatment. *Medicina clinica*. 2019. ISSN 0025-7753

DOI: 10.1016/j.medcli.2018.08.020

PMID: 30442374

Type of production: Scientific paper

- 424** Suárez-Fuentetaja N; Barge-Caballero E; Bayés-Genís A; Doménech N; Moreda-Santamaría L; Paniagua-Martín MJ; Barge-Caballero G; Couto-Mallón D; Crespo-Leiro MG. Circulating Galectin-3 Following Heart Transplant: Long-term Dynamics and Prognostic Value. *Revista Espanola De Cardiologia (English Ed.)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 425** Iborra-Egea O; Rueda F; Lakkisto P; Harjola VP; García-García C; Bayes-Genis A. Circulating MiRNA Dynamics in ST-Segment Elevation Myocardial Infarction-driven Cardiogenic Shock. *Revista Espanola De Cardiologia (English Ed.)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 426** Jäntti T; Segersvärd H; Tolppanen H; Tarvasmäki T; Lassus J; Devaux Y; Vausort M; Pulkki K; Sionis A; Bayes-Genis A; Tikkanen I; Lakkisto P; Harjola VP. Circulating levels of microRNA 423-5p are associated with 90 day mortality in cardiogenic shock. *ESC heart failure*. 2019.

Type of production: Scientific paper**Format:** Journal

- 427** Aimo A; Januzzi JL; Bayes-Genis A; Vergaro G; Sciarrone P; Passino C; Emdin M. Clinical and Prognostic Significance of sST2 in Heart Failure: JACC Review Topic of the Week. *Journal of the American College of Cardiology*. 2019.

Type of production: Scientific paper**Format:** Journal

- 428** G. Habib; P.A. Erba; B. Iung; E. Donal; B. Cosyns; C. Laroche; B.A. Popescu; B. Prendergast; P. Tornos; A. Sadeghpour; L. Oliver; J.-J. Vaskelyte; R. Sow; O. Axler; A.P. Maggioni; P. Lancellotti; C.P. Gale; B. Beleslin; A. Budaj; O. Chioncel; N. Dagres; N. Danchin; J. Emberson; D. Erlinge; M. Glikson; A. Gray; M. Kayikcioglu; V.K. Nagy; A. Nedoshivin; A.S. Petronio; J. Roos-Hesselink; L. Wallentin; U. Zeymer; M. Andarala; C. Berle; A. Brunel-Lebecq; E. Fiorucci; V. Missiamenou; C. Taylor; N.N. Ali Tatar-Chentir; M. Al-Mallah; M. Astrom Aneq; G. Athanassopoulos; L.P. Badano; S. Benyoussef; E. Calderon Aranda; N.M. Cardim; K.L. Chan; I. Cruz; T. Edvardsen; G. Goliasch; A. Hagendorff; K. Hristova; O. Kamp; D.H. Kang; W. Kong; S. Matskeplishvili; M. Meshaal; M. Mirocevic; A.N. Neskovic; M. Pazdernik; E. Plonska-Gosciniak; M. Raissouni; R. Ronderos; L.E. Sade; A. Sambola; S. Sengupta; J. Separovic-Hanzevacki; M. Takeuchi; E. Tucay; A.C. Tude Rodrigues; A. Varga; K. Yamagata; K. Yiangou; H. Zaky; I. Granada; M. Mahia; S. Ressi; F. Nacinovich; A. Iribarren; P. Fernandez Osés; G. Avegliano; E. Filipini; R. Obregon; M. Bangher; J. Dho; L. Cartasegna; M.L. Plastino; V. Novas; C. Shigel; G. Reyes; M. De Santos; N. Gastaldello; M. Granillo Fernandez; M. Potito; G. Streitenberger; P. Velazco; J.H. Casabé; C. Cortes; E. Guevara; F. Salmo; M. Seijo; F. Weidinger; M. Heger; R. Brooks; C. Stöllberger; C.Y. Ho; L. Perschy; L. Puskas; C. Binder; R. Rosenhek; M. Schneider; M.P. Winter; E. Hoffer; M. Melissopoulou; E. Lecoq; D. Legrand; S. Jacquet; M. Massoz; L. Pierard; S. Marchetta; R. Dulgheru; C.D. Emal; C. Oury; S. Droogmans; D. Kerkhove; D. Plein; L. Soens; C. Weytjens; A. Motoc; B. Roosens; I. Lemoine; I. Rodrigus; B. Paelinck; B. Amsel; P. Unger; D. Konopnicki; C. Beauloye; A. Pasquet; J.L. Vanoverschelde; S. Pierard; D. Vancraeynest; F. Sinnaeve; J.L. Andrade; K. Staszko;

R. Dos Santos Monteiro; M.H. Miglioranza; D.L. Shuha; M. Alcantara; V. Cravo; L. Fazzio; A. Felix; M. Iso; C. Musa; A.P. Siciliano; F. Villaca Filho; A. Rodrigues; F. Vilela; J. Braga; R. Silva; D. Rodrigues; L. Silva; S. Morhy; C. Fischer; M. Vieira; T. Afonso; J. Abreu; S.N. Falcao; V.A. Moises; A. Gouvea; F.J. Mancuso; A.C. Souza; C.Y. Silva; G. João; C.S. Abboud; R. Bellio de Mattos Barretto; A. Ramos; R. Arnoni; J.E. Assef; D.J. Della Togna; D. Le Bihan; L. Miglioli; A.P. Romero Oliveira; R. Tadeu Magro Kroll; D. Cortez; C.L. Gelape; MDC. Peirira Nunes; T.C. De Abreu Ferrari; K. Hay; V. Le; M. Page; F. Poulin; C. Sauve; K. Serri; C. Mercure; J. Beaudoin; P. Pibarot; I.A. Sebag; L.G. Rudski; G. Ricafort; B. Barsic; V. Krajnovic; M. Vargovic; D. Lovric; V. Reskovic-Luksic; J. Vincelj; S. Jaksic Jurinjak; V. Yiannikourides; M. Ioannides; C. Pofaides; V. Masoura; J. Pudich; A. Linhart; M. Siranec; J. Marek; K. Blechova; M. Kamenik; R. Pelouch; Z. Coufal; M. Mikulica; M. Griva; E. Jancova; M. Mikulcova; M. Taborsky; J. Precek; M. Jecmenova; J. Latal; J. Widimsky; T. Butta; S. Machacek; R. Vancata; J. Spinar; M. Holicka; F. Pow Chon Long; N. Anzules; A. Bajana Carpio; G. Largacha; E. Penaherrera; D. Moreira; E. Mahfouz; E. Elsafty; A. Soliman; Y. Zayed; J. Aboulenein; M. Abdel-Hay; A. Almaghraby; M. Abdelnaby; M. Ahmed; B. Hammad; Y. Saleh; H. Zahran; O. Elgebaly; A. Saad; M. Ali; A. Zeid; R. El Sharkawy; A. Al Kholi; R. Doss; D. Osama; H. Rizk; A. Elmogy; M. Mishriky; P. Assayag; S. El Hatimi; S. Hubert; J.P. Casalta; F. Gouriet; F. Arregle; S. Cammilleri; L. Tessonier; A. Riberi; E. Botelho-Nevers; A. Gagneux-Brunon; R. Pierrard; C. Tulane; S. Campisi; J.F. Fuzellier; M. Detoc; T. Mehalla; D. Boutoille; A.S. Lecompte; M. Lefebvre; S. Pattier; O. Al Habash; N. Asseray-Madani; C. Biron; J. Brochard; J. Caillon; C. Cuff; T. Le Tourneau; R. Lecomte; M.M. Magali Michel; J. Orain; S. Delarue; M. Le Bras; J.F. Faucher; V. Aboyans; A. Beeharry; H. Durox; M. Lacoste; J. Magne; D. Mohty; A. David; V. Pradel; V. Sierra; A. Neykova; B. Bettayeb; S. Elkentaoui; B. Tzvetkov; G. La... Clinical presentation, aetiology and outcome of infective endocarditis. Results of the ESC-EORP EURO-ENDO (European infective endocarditis) registry: A prospective cohort study. *European Heart Journal*. 40 - 39, pp. 3222 - 3232B. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073182903&doi=10.1093%2feurheartj%2fahz620&partnerID=40&md5=92dc11468dd7c468ac61e68e82848aad>>.

Type of production: Scientific paper

Format: Journal

- 429** Bazan V; Cediél G; Llibre C; Sarrias A; Romeo I; Ibars S; Escudero F; Valdivielso S; Bisbal F; Villuendas R; Bayes-Genis A; Padilla F. Contemporary Yield of 24-hour Holter Monitoring: Role of Inter-Atrial Block Recognition. *Journal of atrial fibrillation*. 2019.

Type of production: Scientific paper

Format: Journal

- 430** Roura S; Rudilla F; Gastelurrutia P; Enrich E; Campos E; Lupón J; Santiago-Vacas E; Querol S; Bayés-Genís A. Determination of HLA-A, -B, -C, -DRB1 and -DQB1 allele and haplotype frequencies in heart failure patients. *ESC heart failure*. 2019.

Type of production: Scientific paper

Format: Journal

- 431** Llàcer P; Núñez J; Bayés-Genís A; Conde Martel A; Cabanes Hernández Y; Díez Manglano J; Álvarez Rocha P; Soler Rangel L; Gómez Del Olmo V; Manzano L; Montero Pérez-Barquero M. Digoxin and prognosis of heart failure in older patients with preserved ejection fraction: Importance of heart rate. Results from an observational and multicenter study. *European journal of internal medicine*. 2019.

Type of production: Scientific paper

Format: Journal

- 432** Adeliño R; Puri R; Vilades D; Carrillo X; Mauri J; Fernández-Nofrerías E; Rodríguez-Leor O; Bayés-Genís A; Abdul-Jawad Altisent O. Distal Bioresorbable Vascular Scaffold Strut Embolization Detected at Late Follow-Up: A New BVS-Related Late Complication. *Jacc. Cardiovascular Interventions*. 2019.

Type of production: Scientific paper

Format: Journal

- 433** Palau P; Mollar A; Domínguez E; Sanchis J; Bayés-Genís A; Núñez J. Early Sacubitril/Valsartan-driven Benefit on Exercise Capacity in Heart Failure With Reduced Ejection Fraction: A Pilot Study. *Revista Espanola De Cardiologia (English Ed.)*. 2019.

Type of production: Scientific paper

Format: Journal

- 434** N. Kozhuharov; A. Goudev; D. Flores; M.T. Maeder; J. Walter; S. Shrestha; D.M. Gualandro; M.T. De Oliveira Junior; Z. Sabti; B. Müller; M. Noveanu; T. Socrates; R. Ziller; A. Bayés-Genís; A. Sionis; P. Simon; E. Michou; S. Gujer; T. Gori; P. Wenzel; O. Pfister; D. Conen; I. Kapos; R. Kobza; H. Rickli; T. Breidhardt; T. Münzel; P. Erne; C. Mueller. Effect of a Strategy of Comprehensive Vasodilation

vs Usual Care on Mortality and Heart Failure Rehospitalization among Patients with Acute Heart Failure: The GALACTIC Randomized Clinical Trial. JAMA - Journal of the American Medical Association. 322 - 23, pp. 2292 - 2302. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076697113&doi=10.1001%2fjama.2019.18598&partnerID=40&md5=aab3a12b06cd887c0286c2aafec318a4>>.

Type of production: Scientific paper

Format: Journal

- 435** Roca E; Cantó E; Nescolarde L; Perea L; Bayes-Genis A; Sibila O; Vidal S. Effects of a polysaccharide-based multi-ingredient supplement on salivary immunity in non-elite marathon runners. Journal of the International Society of Sports Nutrition. 2019.

Type of production: Scientific paper

Format: Journal

- 436** Soler-Botija C; Gálvez-Montón C; Bayés-Genís A. Epigenetic Biomarkers in Cardiovascular Diseases. Frontiers in Genetics. 2019.

Type of production: Scientific paper

Format: Journal

- 437** Salah K; Stienen S; Moons AHM; Bakx ALM; van Pol PE; Kortz RAM; Ferreira JP; Marques I; Schroeder-Tanka JM; Keijer JT; Bayes-Genis A; Pinto YM; Kok WE. External Validation of the ELAN-HF Score, Predicting 6-Month All-Cause Mortality in Patients Hospitalized for Acute Decompensated Heart Failure. Journal of the American Heart Association. 2019.

Type of production: Scientific paper

Format: Journal

- 438** Monguió-Tortajada M; Gálvez-Montón C; Bayes-Genis A; Roura S; Borràs FE. Extracellular vesicle isolation methods: rising impact of size-exclusion chromatography. Cellular and molecular life sciences : CMLS. 2019.

Type of production: Scientific paper

Format: Journal

- 439** Bayes-Genis A; Gastelurrutia P; Cámara ML; Teis A; Lupón J; Llibre C; Zamora E; Alomar X; Ruyra X; Roura S; Revilla A; San Román JA; Gálvez-Montón C. First-in-man Safety and Efficacy of the Adipose Graft Transposition Procedure (AGTP) in Patients With a Myocardial Scar. EBioMedicine. 2019.

Type of production: Scientific paper

Format: Journal

- 440** R. De la Espriella; E. Santas; F.J. Chorro; G. Miñana; M. Soler; V. Bodí; E. Valero; E. Núñez; A. Bayés-Genis; J. Lupón; J. Sanchis; J. Núñez. Functional tricuspid regurgitation and recurrent admissions in patients with acute heart failure. International Journal of Cardiology. 291, pp. 83 - 88. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063759699&doi=10.1016%2fj.ijcard.2019.03.051&partnerID=40&md5=43999c69f01356e7c533a5d9194df3c0>>.

Type of production: Scientific paper

Format: Journal

- 441** De la Espriella R; Santas E; Chorro FJ; Miñana G; Soler M; Bodí V; Valero E; Núñez E; Bayés-Genis A; Lupón J; Sanchis J; Núñez J. Functional tricuspid regurgitation and recurrent admissions in patients with acute heart failure. International journal of cardiology. 2019.

Type of production: Scientific paper

Format: Journal

- 442** Garcia-Pavia P; Kim Y; Restrepo-Cordoba MA; Lunde IG; Wakimoto H; Smith AM; Toepfer CN; Getz K; Gorham J; Patel P; Ito K; Willcox JA; Arany Z; Li J; Seidman CE. Genetic Variants Associated With Cancer Therapy-Induced Cardiomyopathy. Circulation. 2019.

Type of production: Scientific paper

Format: Journal

- 443** Pablo Garcia Pavia; Yuri Kim; Maria Alejandra Restrepo Cordoba; Ida G Lunde; Hiroko Wakimoto; Amanda M Smith; Christopher N Toepfer; Kelly Getz; Joshua Gorham; Parth Patel; Kaoru Ito; Jonathan A Willcox; Zoltan Arany; Jian Li; Anjali T Owens; Risha Govind; Beatriz Nuñez; Erica Mazaika; Antoni Bayes Genis; Roddy Walsh; Brian Finkelman; Josep Lupon; Nicola Whiffin; Isabel Serrano; William Midwinter; Alicja Wilk; Alfredo Bardaji; Nathan Ingold; Rachel Buchan; Upasana Tayal; Domingo A Pascual Figal; Antonio de Marvao; Mian Ahmad; Jose Manuel Garcia Pinilla; Antonis Pantazis; Fernando Dominguez; A John Baks; Declan P O'Regan; Stuart D Rosen; Sanjay K Prasad; Enrique Lara Pezzi; Mariano Provencio; Alexander R Lyon; Luis Alonso Pulpon; Stuart A Cook; Steven R DePalma; Paul J



R Barton; Richard Aplenc; Jonathan G Seidman; Bonnie Ky; James S Ware; Christine E Seidman. Genetic Variants Associated with Cancer Therapy-Induced Cardiomyopathy. *Circulation*. 2019. ISSN 1524-4539

Type of production: Scientific paper

- 444** Rueda F; Cediél G; García-García C; Aranyó J; González-Lopera M; Aranda Nevado MC; Serra Gregori J; Oliveras T; Labata C; Ferrer M; El Ouaddi N; Bayés-Genís A. Growth differentiation factor 15 and early prognosis after out-of-hospital cardiac arrest. *Annals of intensive care*. 2019.

Type of production: Scientific paper

Format: Journal

- 445** C. Mueller; K. McDonald; R.A. de Boer; A. Maisel; J.G.F. Cleland; N. Kozhuharov; A.J.S. Coats; M. Metra; A. Mebazaa; F. Ruschitzka; M. Lainscak; G. Filippatos; P.M. Seferovic; W.C. Meijers; A. Bayes-Genis; T. Mueller; M. Richards; J.L. Januzzi. Heart Failure Association of the European Society of Cardiology practical guidance on the use of natriuretic peptide concentrations. *European Journal of Heart Failure*. 21 - 6, pp. 715 - 731. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067862792&doi=10.1002%2fejhf.1494&partnerID=40&md5=8f79700c3fe8a64e972b1c908c4f5072>>.

Type of production: Scientific paper

Format: Journal

- 446** Mueller C; McDonald K; de Boer RA; Maisel A; Cleland JGF; Kozhuharov N; Coats AJS; Metra M; Mebazaa A; Ruschitzka F; Lainscak M; Filippatos G; Heart Failure Association of the European Society of Cardiology. Heart Failure Association of the European Society of Cardiology practical guidance on the use of natriuretic peptide concentrations. *European journal of heart failure*. 2019.

Type of production: Scientific paper

Format: Journal

- 447** Lupón J; Gavidia-Bovadilla G; Ferrer E; de Antonio M; Perera-Lluna A; López-Ayerbe J; Domingo M; Núñez J; Zamora E; Moliner P; Santiago-Vacas E; Bayés-Genis A. Heart Failure With Preserved Ejection Fraction Infrequently Evolves Toward a Reduced Phenotype in Long-Term Survivors. *Circulation*. Heart failure. 2019.

Type of production: Scientific paper

Format: Journal

- 448** Maack C; Lehrke M; Backs J; Heinzel FR; Hulot JS; Marx N; Paulus WJ; Rossignol P; Taegtmeyer H; Bauersachs J; Bayes-Genis A; Brutsaert D; Bugger H; Heymans S. Heart failure and diabetes: metabolic alterations and therapeutic interventions: a state-of-the-art review from the Translational Research Committee of the Heart Failure Association-European Society of Cardiology. *European heart journal*. 2019.

Type of production: Scientific paper

Format: Journal

- 449** Ferrer-Sistach E; Lupón J; Cediél G; Teis A; Gual F; Serrano S; Vallejo N; Juncà G; López-Ayerbe J; Bayés-Genís A. High-sensitivity troponin T in asymptomatic severe aortic stenosis. *Biomarkers : biochemical indicators of exposure, response, and susceptibility to chemicals*. 2019.

Type of production: Scientific paper

Format: Journal

- 450** Alberto Aimò; James L Januzzi; Giuseppe Vergaro; Andrea Ripoli; Roberto Latini; Serge Masson; Michela Magnoli; Inder S Anand; Jay N Cohn; Luigi Tavazzi; Gianni Tognoni; Jørgen Gravning; Thor Ueland; Ståle H Nymo; Hans-Peter Brunner-La Rocca; Antoni Bayes Genis; Josep Lupón; Rudolf A de Boer; Akiomi Yoshihisa; Yasuchika Takeishi; Michael Egstrup; Ida Gustafsson; Hanna K Gaggin; Kai M Eggers; Kurt Huber; Ioannis Tentzeris; W H Wilson Tang; Justin L Grodin; Claudio Passino; Michele Emdin. High-sensitivity troponin T, NT-proBNP and glomerular filtration rate: A multimarker strategy for risk stratification in chronic heart failure. *International journal of cardiology*. 277, pp. 166 - 172. 2019. ISSN 1874-1754

Type of production: Scientific paper

Format: Journal

- 451** A. Mollar; M.P. Villanueva; E. NÚÑEZ; A. Carratalá; F. Mora; A. Bayés-Genís; M. Mínguez; V.G. Marrachelli; D. Monleon; D. Navarro; J. Sanchis; J. NÚÑEZ. Hydrogen- and Methane-Based Breath Testing and Outcomes in Patients With Heart Failure. *Journal of Cardiac Failure*. 25 - 5, pp. 319 - 327. 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055965215&doi=10.1016%2fj.cardfail.2018.10.004&partnerID=40&md5=b76444a76d14b91ae6b36946e76142>>.

Type of production: Scientific paper

Format: Journal



- 452** Mollar A; Villanueva MP; NÚÑEZ E; Carratalá A; Mora F; Bayés-Genís A; Mínguez M; Marrachelli VG; Monleon D; Navarro D; Sanchis J; NÚÑEZ J. Hydrogen- and Methane-Based Breath Testing and Outcomes in Patients With Heart Failure. *Journal of cardiac failure*. 2019.
Type of production: Scientific paper **Format:** Journal
- 453** Palau P; Domínguez E; López L; Ramón JM; Heredia R; González J; Santas E; Bodí V; Miñana G; Valero E; Mollar A; Bertomeu González V; Chorro FJ; Núñez J. Inspiratory Muscle Training and Functional Electrical Stimulation for Treatment of Heart Failure With Preserved Ejection Fraction: The TRAINING-HF Trial. *Revista Espanola De Cardiologia (English Ed.)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 454** Guimaraes L; Lindenfeld J; Sandoval J; Bayés-Genis A; Bernier M; Provencher S; Rodés-Cabau J. Interatrial shunting for heart failure: current evidence and future perspectives. *EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology*. 2019.
Type of production: Scientific paper **Format:** Journal
- 455** Santas E; Miñana G; Gummel J; Farcasan R; Payá A; Heredia R; Bodí V; Mollar A; Bertomeu-González V; Chorro FJ; Sanchis J; Lupón J; Bayés Genís A; Núñez J. International Normalized Ratio and Mortality Risk in Acute Heart Failure and Nonvalvular Atrial Fibrillation Patients Receiving Vitamin K Antagonists. *Revista Espanola De Cardiologia (English Ed.)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 456** Muñoz-Guijosa C; Berastegui E; Bayés-Genís A. Left Atrial Dimension, Primary Mitral Regurgitation, and the Need of Early Surgery. *Cardiology*. 2019.
Type of production: Scientific paper **Format:** Journal
- 457** Antoni Bayés Genís; David Lanfear. Liquid Biopsy and eHealth in Heart Failure: The Future Is Now. *Journal of the American College of Cardiology*. 73 - 17, pp. 2206 - 2208. 2019. ISSN 1558-3597
Type of production: Scientific paper
- 458** I. Perez-Terol; C. Rios-Navarro; E. de Dios; J.M. Morales; J. Gavara; N. Perez-Sole; A. Diaz; G. Minana; R. Segura-Sabater; C. Bonanad; A. Bayés-Genis; O. Husser; J.V. Monmeneu; M.P. Lopez-Lereu; J. Nunez; F.J. Chorro; A. Ruiz-Sauri; V. Bodi; D. Monleon. Magnetic resonance microscopy and correlative histopathology of the infarcted heart. *Scientific Reports*. 9 - 1, 2019. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077155093&doi=10.1038%2fs41598-019-56436-5&partnerID=40&md5=071c07636e7038e399c8cc8fc22e697b>>
Type of production: Scientific paper **Format:** Journal
- 459** Perez-Terol I; Rios-Navarro C; de Dios E; Morales JM; Gavara J; Perez-Sole N; Diaz A; Minana G; Segura-Sabater R; Bonanad C; Bayés-Genis A; Husser O; Monleon D. Magnetic resonance microscopy and correlative histopathology of the infarcted heart. *Scientific reports*. 2019.
Type of production: Scientific paper **Format:** Journal
- 460** Joaquín C; Puig R; Gastelurrutia P; Lupón J; de Antonio M; Domingo M; Moliner P; Zamora E; Martin M; Alonso N; Puig-Domingo M; Bayes-Genis A. Mini nutritional assessment is a better predictor of mortality than subjective global assessment in heart failure out-patients. *Clinical nutrition (Edinburgh, Scotland)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 461** Lupón J; Bayés-Genís A. Mortality and Heart Failure Hospitalizations. The Need for an Exhaustive, Official, and Standardized Registry. *Revista Espanola De Cardiologia (English Ed.)*. 2019.
Type of production: Scientific paper **Format:** Journal



- 462** González A; Ravassa S; López B; Moreno MU; Beaumont J; San José G; Querejeta R; Bayés-Genís A; Díez J. Myocardial Remodeling in Hypertension. *Hypertension (Dallas, Tex. : 1979)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 463** Alexander B; Mildén J; Hazim B; Haseeb S; Bayes-Genis A; Elosua R; Martínez-Sellés M; Yeung C; Hopman W; Bayes de Luna A; Baranchuk A. New electrocardiographic score for the prediction of atrial fibrillation: The MVP ECG risk score (morphology-voltage-P-wave duration). *Annals of noninvasive electrocardiology : the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc.* 2019.
Type of production: Scientific paper **Format:** Journal
- 464** Antipervitch P; Bayés de Luna A; Nunes de Alencar J; García-Niebla J; Escobar-Robledo LA; Restrepo DW; Aristizabal D; Massó van Roessel A; Baranchuk A. Old teaching tools should not be forgotten: The value of the Lewis ladder diagram in understanding bigeminal rhythms. *Annals of noninvasive electrocardiology : the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc.* 2019.
Type of production: Scientific paper **Format:** Journal
- 465** Grigorian Shamagian L; Madonna R; Taylor D; Climent AM; Prosper F; Bras-Rosario L; Bayes-Genis A; Ferdinandy P; Fernández-Avilés F; Bolli R. Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine. *Circulation research*. 2019.
Type of production: Scientific paper **Format:** Journal
- 466** Salah K; Stienen S; Pinto YM; Eurlings LW; Metra M; Bayes-Genis A; Verdiani V; Tijssen JGP; Kok WE. Prognosis and NT-proBNP in heart failure patients with preserved versus reduced ejection fraction. *Heart (British Cardiac Society)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 467** Bruña V; Velásquez-Rodríguez J; Valero-Masa MJ; Pérez-Guillem B; Vicent L; Díez-Delhoyo F; Devesa C; Sousa-Casasnovas I; Juárez M; Bayés de Luna A; Martínez-Sellés M. Prognostic of Interatrial Block after an Acute ST-Segment Elevation Myocardial Infarction. *Cardiology*. 2019.
Type of production: Scientific paper **Format:** Journal
- 468** A Bayés-Genís; E Sabidó; A Mebazaa; T Tarvasmäki; J Lassus; G Cedié; VP Harjola; E Revuelta-López; O Iborra-Egea; C García-García; E Borràs; F Rueda. Protein-based cardiogenic shock patient classifier. *Eur Heart J*. 2019.
Type of production: Scientific paper **Format:** Journal
- 469** Rueda F; Borràs E; García-García C; Iborra-Egea O; Revuelta-López E; Harjola VP; Cedié G; Lassus J; Tarvasmäki T; Mebazaa A; Sabidó E; Bayés-Genís A. Protein-based cardiogenic shock patient classifier. *European heart journal*. 2019.
Type of production: Scientific paper **Format:** Journal
- 470** Rodríguez-Leor O; Segura J; García Donaire JA; Gutiérrez-Ibañes E; Oliveras A; Mediavilla JD; Serrador A; Prado JC; Nuñez-Gil I; Díez-Delhoyo F; Troya Saborido MI. Renal denervation for the treatment of resistant hypertension in Spain. The Flex-Spyral Registry. *Revista Espanola De Cardiologia (English Ed.)*. 2019.
Type of production: Scientific paper **Format:** Journal
- 471** Pascual-Figal DA; Lax A; Bayes-Genis A. Reply: Interleukin-1 β and sST2. *Journal of the American College of Cardiology*. 2019.
Type of production: Scientific paper **Format:** Journal
- 472** González-López G; Jofre Roca L; Amorós García de Valdecasas S; Rodríguez-Leor O; Gálvez-Montón C; Bayés-Genís A; O'Callaghan J. Resonance-Based Microwave Technique for Body Implant Sensing. *Sensors (Basel, Switzerland)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 473** Aimo A; Januzzi JL; Vergaro G; Clerico A; Latini R; Meessen J; Anand IS; Cohn JN; Gravning J; Ueland T; Nymo SH; Brunner-La Rocca HP; Bayes-Genis A; Emdin M. Revisiting the obesity paradox in heart failure: Per cent body fat as predictor of biomarkers and outcome. *European journal of preventive cardiology*. 2019.

Type of production: Scientific paper**Format:** Journal

- 474** Cediël G; Sandoval Y; Sexter A; Carrasquer A; González-Del-Hoyo M; Bonet G; Boqué C; Schulz K; Smith SW; Bayes-Genis A; Apple FS; Bardaji A. Risk Estimation in Type 2 Myocardial Infarction and Myocardial Injury: The TARRACO Risk Score. *The American journal of medicine*. 2019.

Type of production: Scientific paper**Format:** Journal

- 475** C.J. Kapelios; M. Lainscak; G. Savarese; C. Laroche; P. Seferovic; F. Ruschitzka; A. Coats; S.D. Anker; M.G. Crespo-Leiro; G. Filippatos; M.F. Piepoli; G. Rosano; L. Zanolle; C. Aguiar; J. Murin; P. Leszek; T. McDonagh; A.P. Maggioni; L.H. Lund; J. Auer; K. Ablasser; F. Fruhwald; T. Dolze; K. Brandner; S. Gstrein; G. Poelzl; D. Moertl; S. Reiter; A. Podczek-Schweighofer; A. Muslibegovic; M. Vasilj; E. Fazlibegovic; M. Cesko; D. Zelenika; B. Palic; D. Pravdic; D. Cuk; K. Vitlianova; T. Katova; T. Velikov; T. Kurteva; P. Gatzov; D. Kamenova; M. Antova; V. Sirakova; J. Krejci; M. Mikolaskova; J. Spinar; J. Krupicka; F. Malek; M. Hegarova; M. Lazarova; Z. Monhart; M. Hassanein; M. Sobhy; F. El Messiry; A.H. El Shazly; Y. Elrakshy; A. Youssef; A.A. Moneim; M. Noamany; A. Reda; T.K. Abdel Dayem; N. Farag; S. Ibrahim Halawa; M. Abdel Hamid; K. Said; A. Saleh; H. Ebeid; R. Hanna; R. Aziz; O. Louis; M.A. Enen; B.S. Ibrahim; G. Nasr; A. Elbahry; H. Sobhy; M. Ashmawy; M. Gouda; W. Aboleineen; Y. Bernard; P. Luporsi; N. Meneveau; M. Pillot; M. Morel; M.-F. Seronde; F. Schiele; F. Briand; F. Delahaye; T. Damy; J.-C. Eicher; P. de Groote; M. Fertin; N. Lamblin; R. Isnard; C. Lefol; S. Thevenin; A. Hagege; G. Jondeau; D. Logeart; V. Le Marcis; J.-F. Ly; D. Coisne; B. Lequeux; V. Le Moal; S. Mascle; P. Lotton; N. Behar; E. Donal; C. Thebault; C. Ridard; A. Reynaud; A. Basquin; F. Bauer; R. Codjia; M. Galinier; P. Tourikis; M. Stavroula; D. Tousoulis; C. Stefanadis; C. Chrysoshoou; I. Kotrogiannis; V. Matzaraki; T. Dimitroula; A. Karavidas; G. Tsitsinakis; C. Kapelios; J. Nanas; H. Kampouri; E. Nana; E. Kaldara; A. Eugenidou; P. Vardas; I. Saloustros; A. Patrianakos; T. Tsaknakis; S. Evangelou; N. Nikoloulis; H. Tziourganou; A. Tsaroucha; A. Papadopoulou; A. Douras; L. Polgar; B. Merkely; A. Kosztin; N. Nyolczas; A. Csaba Nagy; R. Halmosi; J. Elber; I. Alony; A. Shotan; A. Vazan Fuhrmann; O. Amir; S. Romano; S. Marcon; M. Penco; M. Di Mauro; E. Lemme; V. Carubelli; R. Rovetta; M. Metra; M. Bulgari; F. Quinzani; C. Lombardi; S. Bosi; G. Schiavina; A. Squeri; A. Barbieri; G. Di Tano; S. Pirelli; R. Ferrari; A. Fucili; T. Passero; S. Musio; M. Di Biase; M. Correale; G. Salvemini; S. Brognoli; E. Zanelli; A. Giordano; P. Agostoni; G. Italiano; E. Salvioni; S. Copelli; M.G. Modena; L. Reggiani; C. Valenti; A. Olaru; S. Bandino; M. Deidda; G. Mercurio; C. Cadeddu Dessalvi; P.N. Marino; M.V. Di Ruocco; C. Sartori; C. Piccinino; G. Parrinello; G. Licata; D. Torres; S. Giambanco; S. Busalacchi; S. Arrotti; S. Novo; R.M. Inciardi; P. Pieri; P.R. Chirco; M. Ausilia Galifi; G. Teresi; D. Buccheri; A. Minacapelli; M. Veniani; A. Frisinghelli; S.G. Priori; S. Cattaneo; C. Opasich; A. Gualco; M. Pagliaro; M. Mancone; F. Fedele; A. Cinque; M. Vellini; I. Scarfo; F. Romeo; F. Ferraiuolo; D. Sergi; M. Anselmi; F. Melandri; E. Leci; E. Iori; V. Bovolo; S. Pidello; S. Freja; S. Bergerone; M. Botta; F.G. Canavosio; F. Gaita; M. Merlo; M. Cinquetti; G. Sinagra; F. Ramani; E. Fabris; D. Stolfo; J. Artico; D. Miani; C. Fresco; C. Daneluzzi; A. Proclemer; M. Ciccoira; L. Zanolle; G. Marchese; F. Torelli; C. Vassanelli; N. Voronina; A. Erglis; V. Tamakauskas; V. Smalinskas; R. Karaliute; I. Petraskiene; E. Kazakauskaite; E. Rumbinaite; A. Kavoliuniene; V. Vysniauskas; R. Brazyte-Ramanauskienė; D. Petraskiene; S. Stankala; P. Switala; Z. Juszczak; W. Sinkiewicz; W. Gilewski; J. Pietrzak; T. Orzel; P. Kasztelowicz; P. Kardaszewicz; M. Lazorko-Piega; J. Gabryel; K. Mosakowska; J. Bellwon; A. Rynkiewicz; G. Raczak; E. Lewicka; A. Dabrowska-Kugacka; R. Bartkowiak; B. Sosnowska-Pasiarska; B. Wozakowska-Kaplon; A. Krzeminski; M. Zabojszcz; E. Mirek-Bryniarska; A. Grzegorzko; K. Bury; J. Nessler; J. Zalewski; A. Furman; M. Broncel; A. Poliwczak; A. Bala; P. Zycinski; M. Rudzinska; L. Jankowski; J.D. Kasprzak; L. Michalak; K. Wojtczak Soska; J. Drozd; I. Huziuk; A. Retwinski; P. Flis; J. Weglarz; A. Bodys; S. Grajek; M. Kaluzna-Oleksy; E. Straburzynska-Migaj; R. Dankowski; K. S... . Sacubitril/valsartan eligibility and outcomes in the ESC-EORP-HFA Heart Failure Long-Term Registry: bridging between European Medicines Agency/Food and Drug Administration label, the PARADIGM-HF trial, ESC guidelines, and real world. *European Journal of Heart Failure*. 21 - 11, pp. 1383 - 1397. 2019.

Type of production: Scientific paper**Format:** Journal

- 476** Vallejo Camazón N; Cediël G; Núñez Aragón R; Mateu L; Llibre C; Sopena N; Gual F; Ferrer E; Quesada MD; Berastegui E; Teis A; López Ayerbe J; Bayés-Genis A. Short- and long-term mortality in patients with left-sided infective endocarditis not undergoing surgery despite indication. *Revista Espanola De Cardiologia (English Ed.)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 477** Llucà-Valldeperas A; Bragós R; Bayés-Genís A. Simultaneous Electrical and Mechanical Stimulation to Enhance Cells' Cardiomyogenic Potential. *Journal of visualized experiments : JoVE*. 2019.

Type of production: Scientific paper**Format:** Journal

- 478** Matilla L; Ibarrola J; Arrieta V; Garcia-Peña A; Martinez-Martinez E; Sádaba R; Alvarez V; Navarro A; Fernández-Celis A; Gainza A; Santamaría E; López-Andrés N. Soluble ST2 promotes oxidative stress and inflammation in cardiac fibroblasts: an in vitro and in vivo study in aortic stenosis. *Clinical science (London, England : 1979)*. 2019.

Type of production: Scientific paper**Format:** Journal

- 479** Bayes-Genis A; Núñez J. Step by Step Toward Biomarker-Based Precision Medicine in Heart Failure. *Clinical chemistry*. 2019.

Type of production: Scientific paper**Format:** Journal

- 480** Emdin M; Aimo A; Poletti R; Bayes-Genis A. Targeting social disadvantage to prevent early development of heart failure. *International journal of cardiology*. 2019.

Type of production: Scientific paper**Format:** Journal

- 481** G. Habib; P. Lancellotti; P.-A. Erba; A. Sadeghpour; M. Meshaal; A. Sambola; S. Furnaz; R. Citro; J. Ternacle; E. Donal; B. Cosyns; B. Popescu; B. Iung; B. Prendergast; C. Laroche; P. Tornos; M. Pazdernik; A. Maggioni; C.P. Gale; N.N. Ali Tatar-Chentir; M. Al-Mallah; M. Astrom Aneq; G. Athanassopoulos; L.P. Badano; S. Benyoussef; E. Calderon Aranda; N.M. Cardim; K.-L. Chan; B. Cosyns; I. Cruz; T. Edvardsen; G. Goliasch; G. Habib; A. Hagendorff; K. Hristova; B. Iung; O. Kamp; D.-H. Kang; W. Kong; S. Matskeplishvili; M. Meshaal; M. Mirocevic; A.N. Neskovic; M. Pazdernik; E. Plonska-Gosciniak; B.A. Popescu; B. Prendergast; M. Raissouni; R. Ronderos; L.E. Sade; A. Sadeghpour; A. Sambola; S. Sengupta; J. Separovic-Hanzevacki; M. Takeuchi; E. Tucay; A.C. Tude Rodrigues; A. Varga; J. Vaskelyte; K. Yamagata; K. Yiangou; H. Zaky; I. Granada; M. Mahia; S. Ressi; F. Nacinovich; A. Iribarren; P. Fernandez Oses; G. Avegliano; E. Filipini; R. Obregon; M. Bangher; J. Dho; L. Cartasegna; M.L. Plastino; V. Novas; C. Shigel; G. Reyes; M. De Santos; N. Gastaldello; M. Granillo Fernandez; M. Potito; G. Streitenberger; P. Velazco; J.H. Casabé; C. Cortes; E. Guevara; F. Salmo; M. Seijo; F. Weidinger; M. Heger; R. Brooks; C. Stöllberger; C.-Y. Ho; L. Perschy; L. Puskas; C. Binder; R. Rosenhek; M. Schneider; M.-P. Winter; E. Hoffer; M. Melissopoulou; E. Lecoq; D. Legrand; S. Jacquet; M. Massoz; L. Pierard; S. Marchetta; R. Dulgheru; C.D. Émal; C. Oury; S. Droogmans; D. Kerkhove; D. Plein; L. Soens; C. Weytjens; A. Motoc; B. Roosens; I. Lemoine; I. Rodrigus; B. Paelinck; B. Amsel; P. Unger; D. Konopnicki; C. Beauloye; A. Pasquet; J.L. Vanoverschelde; S. Pierard; D. Vancraeynest; F. Sinnaeve; J.L. Andrade; K. Staszko; R. Dos Santos Monteiro; M.H. Miglioranza; D.L. Shuha; M. Alcantara; V. Cravo; L. Fazzio; A. Felix; M. Iso; C. Musa; A.P. Siciliano; F. Villaca Filho; A. Rodrigues; F. Vilela; J. Braga; R. Silva; D. Rodrigues; L. Silva; S. Morhy; C. Fischer; R. Silva; M. Vieira; T. Afonso; J. Abreu; S.N. Falcao; V.A. Moises; A. Gouvea; F.J. Mancuso; A.C. Souza; C.Y. Silva; G. Joaô; C.S. Abboud; R. Bellio De Mattos Barretto; A. Ramos; R. Arnoni; J.E. Assef; D.J. Della Togna; D.L. Bihan; L. Miglioli; A.P. Romero Oliveira; R. Tadeu Magro Kroll; D. Cortez; C.L. Gelape; M.D.C. Peirira Nunes; T.C. De Abreu Ferrari; K. Hay; V. Le; M. Page; F. Poulin; C. Sauve; K. Serri; C. Mercure; J. Beaudoin; P. Pibarot; I.A. Sebag; L.G. Rudski; G. Ricafort; B. Barsic; V. Krajcinovic; M. Vargovic; D. Lovric; V. Reskovic-Luksic; J. Vincelj; S. Jaksic Jurinjak; V. Yiannikourides; M. Ioannides; C. Pofaides; V. Masoura; J. Pudich; A. Linhart; M. Siranec; J. Marek; K. Blechova; M. Kamenik; R. Pelouch; Z. Coufal; M. Mikulica; M. Griva; E. Jancova; M. Mikulcova; M. Taborsky; J. Precek; M. Jecmenova; J. Latal; J. Widimsky; T. Butta; S. MacHacek; R. Vancata; J. Spinar; M. Holicka; F. Pow Chon Long; N. Anzules; A. Bajana Carpio; G. Largacha; E. Penaherrera; D. Moreira; E. Mahfouz; E. Elsafty; A. Soliman; Y. Zayed; J. Aboulenein; M. Abdel-Hay; A. Almaghraby; M. Abdelnaby; M. Ahmed; B. Hammad; Y. Saleh; H. Zahran; O. Elgebaly; A. Saad; M. Ali; A. Zeid; R. El Sharkawy; A. Al Kholy; R. Doss; D. Osama; H. Rizk; A. Elmogy; M. Mishriky; P. Assayag; S. El Hatimi; S. Hubert; J.-P. Casalta; F. Gouriet; F. Arregle; S. Cammilleri; L. Tessonier; A. Riberi; E. Botelho-Nevers; A. Gagneux-Brunon; R. Pierrard; C. Tulane; S. Campisi; J.-F. Fuzellier; M. Detoc; T. Mehalla; D. Boutoille; A.S. Lecompte; M. Lefebvre; S. Pattier; O. Al Habash; N. Asseray-Madani; C. Biron; J. Brochard; J. Caillon; C. Cuffe; T.L. Tourneau; R. Lecomte; M.M. Magali Michel; J. Orain; S. Delarue; M.L. Bras; J.-F. Faucher; V. Aboyans; A. Beeharry; H. Durox; M. Lacoste; J. Magne; D. Mohty; A. David; V. Pradel; V. Sierra; A. Neykova; B. Bettayeb; S. Elkentaoui; B. Tzvetkov; G. Landry; C. Strady; K. Ainine; S. Baumard; C. Brasselet; C. Tassigny; V. Valente-Pires; M. Lefranc; B. Hoen; B. Lefevre; E. Curlier; C. Callier; N. Fourcade; Y. J... The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. *European Heart Journal - Quality of Care and Clinical Outcomes*. 5 - 3, pp. 202 - 207. 2019. Available



on-line at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068909491&doi=10.1093%2fehjccco%2fqc018&partnerID=40&md5=71fd7bc53c243a39495f5f7ad820ecab>.

Type of production: Scientific paper

Format: Journal

- 482** Domingo A Pascual Figal; Antoni Bayes Genis; Maria C Asensio Lopez; Alvaro Hernández Vicente; Iris Garrido Bravo; Francisco Pastor Perez; Javier Díez; Borja Ibáñez; Antonio Lax. The Interleukin-1 Axis and Risk of Death in Patients With Acutely Decompensated Heart Failure. *Journal of the American College of Cardiology*. 73 - 9, pp. 1016 - 1025. 2019. ISSN 1558-3597

Type of production: Scientific paper

- 483** Lam CSP; Li YH; Bayes-Genis A; Ariyachaipanich A; Huan DQ; Sato N; Kahale P; Cuong TM; Dong Y; Li X; Zhou Y. The role of N-terminal pro-B-type natriuretic peptide in prognostic evaluation of heart failure. *Journal of the Chinese Medical Association : JCMA*. 2019.

Type of production: Scientific paper

Format: Journal

- 484** Roura S; Bayes-Genis A. Toward Standardization of Mesenchymal Stromal Cell-Derived Extracellular Vesicles for Therapeutic Use: A Call for Action. *Proteomics*. 2019.

Type of production: Scientific paper

Format: Journal

- 485** Moliner P; Lupón J; de Antonio M; Domingo M; Santiago-Vacas E; Zamora E; Cediél G; Santesmases J; Díez-Quevedo C; Troya MI; Boldó M; Altmir S; Bayes-Genis A. Trends in modes of death in heart failure over the last two decades: less sudden death but cancer deaths on the rise. *European journal of heart failure*. 2019.

Type of production: Scientific paper

Format: Journal

- 486** Iborra-Egea O; Santiago-Vacas E; Yurista SR; Lupón J; Packer M; Heymans S; Zannad F; Butler J; Pascual-Figal D; Lax A; Núñez J; de Boer RA; Bayés-Genís A. Unraveling the Molecular Mechanism of Action of Empagliflozin in Heart Failure With Reduced Ejection Fraction With or Without Diabetes. *JACC. Basic to translational science*. 2019.

Type of production: Scientific paper

Format: Journal

- 487** Santas E; Palau P; Guazzi M; de la Espriella R; Miñana G; Sanchis J; Bayes-Genís A; Lupón J; Chorro FJ; Núñez J. Usefulness of Right Ventricular to Pulmonary Circulation Coupling as an Indicator of Risk for Recurrent Admissions in Heart Failure With Preserved Ejection Fraction. *The American Journal of Cardiology*. 2019.

Type of production: Scientific paper

Format: Journal

- 488** Cito S; Puri R; Pallarès J; Abdul-Jawad Altisent O; Bayes-Genis A. Woven Coronary Disease: Friend or Foe?. *Circulation. Cardiovascular interventions*. 2019.

Type of production: Scientific paper

Format: Journal

- 489** Asensio-Lopez MC; Lax A; Fernandez Del Palacio MJ; Sassi Y; Hajjar RJ; Januzzi JL; Bayes-Genis A; Pascual-Figal DA. Yin-Yang 1 transcription factor modulates ST2 expression during adverse cardiac remodeling post-myocardial infarction. *Journal of molecular and cellular cardiology*. 2019.

Type of production: Scientific paper

Format: Journal

- 490** M C Asensio Lopez; A Lax; M J Fernandez Del Palacio; Y Sassi; R J Hajjar; J L Januzzi; A Bayes Genis; D A Pascual Figal. Yin-Yang 1 transcription factor modulates ST2 expression during adverse cardiac remodeling post-myocardial infarction. *Journal of molecular and cellular cardiology*. 130, pp. 216 - 233. 2019. ISSN 1095-8584

Type of production: Scientific paper

- 491** Vicent L; Martínez-Sellés H; Ariza-Solé A; Lucia A; Emanuele E; Bayés-Genís A; Fernández-Avilés F; Martínez-Sellés M. A panel of multibiomarkers of inflammation, fibrosis, and catabolism is normal in healthy centenarians but has high values in young patients with myocardial infarction. *Maturitas*. 2018.

Type of production: Scientific paper

Format: Journal



- 492** Antoni Bayes Genis. Advanced interatrial block predicts new-onset atrial fibrillation and ischemic stroke in patients with heart failure: The "Bayes' Syndrome-HF" study. *International journal of cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 493** Nunes de Alencar Neto J; Baranchuk A; Bayés-Genís A; Bayés de Luna A. Arrhythmogenic right ventricular dysplasia/cardiomyopathy: an electrocardiogram-based review. *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 494** Bayés de Luna A; Escobar-Robledo LA; Aristizabal D; Weir Restrepo D; Mendieta G; Massó van Roessel A; Elosua R; Bayés-Genís A; Martínez-Sellés M; Baranchuk A. Atypical advanced interatrial blocks: Definition and electrocardiographic recognition. *Journal of electrocardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 495** Llucà-Valldeperas A; Bragós R; Soler-Botija C; Roura S; Gálvez-Montón C; Prat-Vidal C; Perea-Gil I; Bayes-Genis A. Author Correction: Unravelling the effects of mechanical physiological conditioning on cardiac adipose tissue-derived progenitor cells in vitro and in silico. *Scientific reports*. 2018.
Type of production: Scientific paper **Format:** Journal
- 496** Lupón J; Simpson J; McMurray JJV; de Antonio M; Vila J; Subirana I; Barallat J; Moliner P; Domingo M; Zamora E; Bayes-Genis A. Barcelona Bio-HF Calculator Version 2.0: incorporation of angiotensin II receptor blocker neprilysin inhibitor (ARNI) and risk for heart failure hospitalization. *European journal of heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 497** Díez-Quevedo C; Lupon J; de Antonio M; Domingo M; Martín-Subero M; Rangil T; Moliner P; Zamora E; Altimir S; Santesmases J; Troya MI; Boldo M; Bayes-Genis A. Benzodiazepine Use and Long-Term Mortality in Real-Life Chronic Heart Failure Outpatients: A Cohort Analysis. *Psychotherapy and psychosomatics*. 2018.
Type of production: Scientific paper **Format:** Journal
- 498** Moliner P; Lupón J; Barallat J; de Antonio M; Domingo M; Núñez J; Zamora E; Galán A; Santesmases J; Pastor C; Bayes-Genis A. Bio-profiling and bio-prognostication of chronic heart failure with mid-range ejection fraction. *International journal of cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 499** Li KHC; Gong M; Li G; Baranchuk A; Liu T; Wong MCS; Jesuthasan A; Lai RWC; Lai JCL; Lee APW; Bayés-Genis A; de la Espriella R; Sanchis J; Wu WKK; International Health Informatics Study (IHIS) Network. Cancer antigen-125 and outcomes in acute heart failure: a systematic review and meta-analysis. *Heart Asia*. 2018.
Type of production: Scientific paper **Format:** Journal
- 500** de la Espriella-Juan R; Núñez E; Sanchis J; Bayés-Genis A; Núñez J. Carbohydrate Antigen-125 in Heart Failure: An Overlooked Biomarker of Congestion. *JACC. Heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 501** Miñana G; Cardells I; Palau P; Llàcer P; Fàcil L; Almenar L; López-Lereu MP; Monmeneu JV; Amiguet M; González J; Serrano A; Montagud V; Myocardial-IRON Investigators. Changes in myocardial iron content following administration of intravenous iron (Myocardial-IRON): Study design. *Clinical cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 502** Rios-Navarro C; Gavara J; Vidal V; Bonanad C; Racugno P; Bayes-Genis A; Miñana G; Husser O; Oltra R; Nuñez J; Chorro FJ; Bodi V; Ruiz-Sauri A. Characterization and implications of the dynamics of eosinophils in blood and in the infarcted myocardium after coronary reperfusion. *PLoS one*. 2018.
Type of production: Scientific paper **Format:** Journal



- 503** de Gonzalo-Calvo D; Cediel G; Bär C; Núñez J; Revuelta-Lopez E; Gavara J; Ríos-Navarro C; Llorente-Cortes V; Bodí V; Thum T; Bayes-Genis A. Circulating miR-1254 predicts ventricular remodeling in patients with ST-Segment-Elevation Myocardial Infarction: A cardiovascular magnetic resonance study. *Scientific reports*. 2018.
Type of production: Scientific paper **Format:** Journal
- 504** Elchinova E; Teubel I; Roura S; Fernández MA; Lupón J; Gálvez-Montón C; de Antonio M; Moliner P; Domingo M; Zamora E; Núñez J; Cediel G; Bayés-Genís A. Circulating monocyte subsets and heart failure prognosis. *PloS one*. 2018.
Type of production: Scientific paper **Format:** Journal
- 505** Gastelurrutia P; Lupón J; Moliner P; Yang X; Cediel G; de Antonio M; Domingo M; Altimir S; González B; Rodríguez M; Rivas C; Díaz V; Fung E; Bayes-Genis A. Comorbidities, Fragility, and Quality of Life in Heart Failure Patients With Midrange Ejection Fraction. *Mayo Clinic Proceedings: Innovations, Quality & Outcomes*. 2018.
Type of production: Scientific paper **Format:** Journal
- 506** Gastelurrutia P; Lupón J; Moliner P; Yang X; Cediel G; de Antonio M; Domingo M; Altimir S; González B; Rodríguez M; Rivas C; Díaz V; Fung E; Zamora E; Santesmases J; Núñez J; Woo J; Bayes-Genis A. Comorbidities, Fragility, and Quality of Life in Heart Failure Patients With Midrange Ejection Fraction. *Mayo Clinic proceedings. Innovations, quality & outcomes*. 2, pp. 176 - 185. 2018.
DOI: 10.1016/j.mayocpiqo.2018.02.004
PMID: 30225447
Type of production: Scientific paper
- 507** Bernal E; Ariza-Sole A; Formiga F; Abu-Assi E; Carol A; Galian L; Bayes-Genis A; Saldivar HG; Diez-Villanueva P; Selles MM; Influencia del Diagnostico de Estenosis Aortica Severa (IDEAS) Re. Corrigendum to "Conservative management in very elderly patients with severe aortic stenosis: Time to change?" [*J. Cardiol*. 69 (6) (2017) 883-887]. *Journal of cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 508** Bernal E; Bayés-Genís A; Ariza-Solé A; Formiga F; Vidán MT; Escobar-Robledo LA; Aboal J; Alcobarro L; Guerrero C; Ariza-Segovia I; de Benito AH; Martinez-Sellés M. Corrigendum to "Interatrial block, frailty and prognosis in elderly patients with myocardial infarction" [*J Electrocardiol* 51(2018) 1-7]. *Journal of electrocardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 509** Lupón J; Gavidia-Bovadilla G; Ferrer E; de Antonio M; Perera-Lluna A; López-Ayerbe J; Domingo M; Núñez J; Zamora E; Moliner P; Díaz-Ruata P; Bayés-Genís A. Dynamic Trajectories of Left Ventricular Ejection Fraction in Heart Failure. *Journal of the American College of Cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 510** Pachó C; Domingo M; Núñez R; Lupón J; Moliner P; de Antonio M; González B; Santesmases J; Vela E; Tor J; Bayes-Genis A. Early Postdischarge STOP-HF-Clinic Reduces 30-day Readmissions in Old and Frail Patients With Heart Failure. *Revista Espanola De Cardiologia (English Ed.)*. 2018.
Type of production: Scientific paper **Format:** Journal
- 511** Núñez J; Palau P; Domínguez E; Mollar A; Núñez E; Ramón JM; Miñana G; Santas E; Fácila L; Górriz JL; Sanchis J; Bayés-Genís A. Early effects of empagliflozin on exercise tolerance in patients with heart failure: A pilot study. *Clinical cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 512** Gual-Capllonch F; Teis A; Ferrer E; Bayes-Genis A. Evolutive echocardiographic changes in cardiac amyloidosis: Look at the whole picture. *Echocardiography (Mount Kisco, N.Y.)*. 2018.
Type of production: Scientific paper **Format:** Journal

- 513** Gálvez-Montón C; Arauz-Garofalo G; Rodriguez-Leor O; Soler-Botija C; Amorós García de Valdecasas S; Gerez-Britos FD; Bayes-Genis A; O'Callaghan JM; Tejada J. Ex vivo assessment and in vivo validation of non-invasive stent monitoring techniques based on microwave spectrometry. *Scientific reports*. 2018.
Type of production: Scientific paper **Format:** Journal
- 514** Garcia-Garcia C; Rueda F; Lupon J; Oliveras T; Labata C; Ferrer M; Cediél G; De Diego O; Rodriguez-Leor O; Carrillo X; Bayes-Genis A. Growth differentiation factor-15 is a predictive biomarker in primary ventricular fibrillation: The RUTI-STEMI-PVF study. *European heart journal. Acute cardiovascular care*. 2018.
Type of production: Scientific paper **Format:** Journal
- 515** Perea-Gil I; Gálvez-Montón C; Prat-Vidal C; Jorba I; Segú-Vergés C; Roura S; Soler-Botija C; Iborra-Egea O; Revuelta-López E; Fernández MA; Farré R; Bayes-Genis A. Head-to-head comparison of two engineered cardiac grafts for myocardial repair: From scaffold characterization to pre-clinical testing. *Scientific reports*. 2018.
Type of production: Scientific paper **Format:** Journal
- 516** Palau P; Domínguez E; Sanchis J; Bayés-Genis A; Núñez J. Heart Rate in Heart Failure With Preserved Ejection Fraction: Another Example of the Heterogeneity of This Syndrome. *JACC. Heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 517** Zamora E; Seder-Colomina E; Holgado S; Quirant-Sanchez B; Mate JL; Martínez-Cáceres EM; Casafont I; Bayés-Genis A. Heart?Lung?Muscle Anti-SAE Syndrome: An Atypical Severe Combination. *Journal of clinical medicine*. 8, 2018.
DOI: 10.3390/jcm8010020
PMID: 30583602
Type of production: Scientific paper
- 518** Zamora E; Seder-Colomina E; Holgado S; Quirant-Sanchez B; Mate JL; Martínez-Cáceres EM; Casafont I; Bayés-Genis A. Heart?Lung?Muscle Anti-SAE Syndrome: An Atypical Severe Combination. *Journal of clinical medicine*. 2018.
Type of production: Scientific paper **Format:** Journal
- 519** Bayes-Genis A. Highlights of the 2016 European Society of Cardiology Guidelines on Heart Failure. *European cardiology*. 12, pp. 76 - 77. 2018. ISSN 1758-3756
DOI: 10.15420/ecr.2017:5:2
PMID: 30416556
Type of production: Scientific paper
- 520** Yang X; Lupón J; Vidán MT; Ferguson C; Gastelurrutia P; Newton PJ; Macdonald PS; Bueno H; Bayés-Genis A; Woo J; Fung E. Impact of Frailty on Mortality and Hospitalization in Chronic Heart Failure: A Systematic Review and Meta-Analysis. *Journal of the American Heart Association*. 2018.
Type of production: Scientific paper **Format:** Journal
- 521** Bayes-Genis A; García C; de Antonio M; Fernandez-Nofrerías E; Domingo M; Zamora E; Moliner P; Lupón J. Impact of a 'stent for life' initiative on post-ST elevation myocardial infarction heart failure: a 15 year heart failure clinic experience. *ESC heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 522** González-Costello J; Comín-Colet J; Lupón J; Enjuanes C; de Antonio M; Fuentes L; Moliner-Borja P; Farré N; Zamora E; Manito N; Pujol R; Bayés-Genis A. Importance of iron deficiency in patients with chronic heart failure as a predictor of mortality and hospitalizations: insights from an observational cohort study. *BMC cardiovascular disorders*. 2018.
Type of production: Scientific paper **Format:** Journal



- 523** Ruiz Ortiz M; Muñiz J; Raña Míguez P; Roldán I; Marín F; Asunción Esteve-Pastor M; Cequier A; Martínez-Sellés M; Bertomeu V; Anguita M; FANTASIIA study investigators. Inappropriate doses of direct oral anticoagulants in real-world clinical practice: prevalence and associated factors. A subanalysis of the FANTASIIA Registry. *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 524** Bernal E; Bayés-Genís A; Ariza-Solé A; Formiga F; Vidán MT; Escobar-Robledo LA; Aboal J; Alcobarro L; Guerrero C; Ariza-Segovia I; Martínez-Sellés M. Interatrial block, frailty and prognosis in elderly patients with myocardial infarction. *Journal of electrocardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 525** Labata C; Oliveras T; Berastegui E; Ruyra X; Romero B; Camara ML; Just MS; Serra J; Rueda F; Ferrer M; García-García C; Bayes-Genis A. Intermediate Care Unit After Cardiac Surgery: Impact on Length of Stay and Outcomes. *Revista Espanola De Cardiologia (English Ed.)*. 2018.
Type of production: Scientific paper **Format:** Journal
- 526** de la Espriella-Juan R; Núñez E; Miñana G; Sanchis J; Bayés-Genís A; González J; Chorro J; Núñez J. Intrarenal venous flow in cardiorenal syndrome: a shining light into the darkness. *ESC heart failure*. 5, pp. 1173 - 1175. 2018.
DOI: 10.1002/ehf2.12362
PMID: 30295431
Type of production: Scientific paper
- 527** Núñez J; Sanchis J; Bayés-Genis A. Iron status measurement in routine heart failure assessment: a call for action. *European journal of heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 528** Sarrias A; Bayes-Genis A. Is Sacubitril/Valsartan (Also) an Antiarrhythmic Drug?. *Circulation*. 2018.
Type of production: Scientific paper **Format:** Journal
- 529** Lupón J; Bayes-Genis A. Left Ventricular Ejection Fraction in Heart Failure. *European cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 530** Lupón J; Bayés-Genís A. Left ventricular ejection fraction in heart failure: a clinician's perspective about a dynamic and imperfect parameter, though still convenient and a cornerstone for patient classification and management. *European journal of heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 531** Fung E; Yang X; Newton PJ; Ferguson C; Gastelurrutia P; Lupón J; Bayés-Genís A; Jha S; Macdonald PS. Letter by Fung et al Regarding Article, "Frailty and Clinical Outcomes in Heart Failure: A Systematic Review and Meta-analysis". *Journal of the American Medical Directors Association*. 2018.
Type of production: Scientific paper **Format:** Journal
- 532** Núñez J; Bayés-Genís A; Zannad F; Rossignol P; Núñez E; Bodí V; Miñana G; Santas E; Chorro FJ; Mollar A; Carratalá A; Navarro J; Górriz JL; Lupón J; Sanchis J. Long-Term Potassium Monitoring and Dynamics in Heart Failure and Risk of Mortality. *Circulation*. 2018.
Type of production: Scientific paper **Format:** Journal
- 533** Bernal E; Ariza-Solé A; Bayés-Genís A; Formiga F; Díez-Villanueva P; Romaguera R; González-Saldivar H; Martínez-Sellés M. Management of Nonagenarian Patients With Severe Aortic Stenosis: The Role of Comorbidity. *Heart, lung & circulation*. 2018.

**Type of production:** Scientific paper**Format:** Journal

- 534** de la Espriella-Juan R; Sanchis J; Bayés-Genís A; Núñez J. Metabolic effects of sacubitril/valsartan: are they relevant in clinical practice?. Cardiovascular diagnosis and therapy. 2018.

Type of production: Scientific paper**Format:** Journal

- 535** Roura S; Gálvez-Montón C; Bayes-Genis A. Myocardial healing using cardiac fat.Expert review of cardiovascular therapy. 2018.

Type of production: Scientific paper**Format:** Journal

- 536** Stienen S; Salah K; Moons AH; Bakx AL; van Pol P; Kortz RAM; Ferreira JP; Marques I; Schroeder-Tanka JM; Keijer JT; Bayés-Genis A; Tijssen JGP; Pinto YM; Kok WE. NT-proBNP (N-Terminal pro-B-Type Natriuretic Peptide)-Guided Therapy in Acute Decompensated Heart Failure: PRIMA II Randomized Controlled Trial (Can NT-ProBNP-Guided Therapy During Hospital Admission for Acute Decompensated Heart Failure Reduce Mortality and Readmissions?).Circulation. 2018.

Type of production: Scientific paper**Format:** Journal

- 537** Bayés-Genís A; Lupón J; Núñez J. No need for urgent revisiting of kalaemia levels in guidelines despite use of mineralocorticoid receptor antagonists: bring in more evidence.European journal of heart failure. 2018.

Type of production: Scientific paper**Format:** Journal

- 538** Bayés-Genís A; Lupón J; Núñez J. No urgent need for revisiting kalaemia guidelines: rebuttal.European journal of heart failure. 2018.

Type of production: Scientific paper**Format:** Journal

- 539** Palau P; Domínguez E; Núñez E; Ramón JM; López L; Melero J; Sanchis J; Bellver A; Santas E; Bayes-Genis A; Chorro FJ; Núñez J. Peak Exercise Oxygen Uptake Predicts Recurrent Admissions in Heart Failure With Preserved Ejection Fraction.Revista Espanola De Cardiologia (English Ed.). 2018.

Type of production: Scientific paper**Format:** Journal

- 540** Pachó C; Domingo M; Núñez R; Lupón J; Núñez J; Barallat J; Moliner P; de Antonio M; Santesmases J; Cediél G; Roura S; Pastor MC; Tor J; Bayes-Genis A. Predictive biomarkers for death and rehospitalization in comorbid frail elderly heart failure patients.BMC geriatrics. 2018.

Type of production: Scientific paper**Format:** Journal

- 541** García-García C; Oliveras T; Rueda F; Pérez-Fernández S; Ferrer M; Serra J; Labata C; Vila J; Carrillo X; Rodríguez-Leor O; Fernández-Nofrerías E; Bayes-Genis A. Primary Ventricular Fibrillation in the Primary Percutaneous Coronary Intervention ST-Segment Elevation Myocardial Infarction Era (from the "Codi IAM" Multicenter Registry).The American Journal of Cardiology. 2018.

Type of production: Scientific paper**Format:** Journal

- 542** Alberto Aimò; James L Januzzi; Giuseppe Vergaro; Andrea Ripoli; Roberto Latini; Serge Masson; Michela Magnoli; Inder S Anand; Jay N Cohn; Luigi Tavazzi; Gianni Tognoni; Jørgen Gravning; Thor Ueland; Ståle H Nymo; Hans-Peter Brunner La Rocca; Antoni Bayes Genis; Josep Lupón; Rudolf A de Boer; Akiomi Yoshihisa; Yasuchika Takeishi; Michael Egstrup; Ida Gustafsson; Hanna K Gaggin; Kai M Eggers; Kurt Huber; Ioannis Tentzeris; Wai H W Tang; Justin Grodin; Claudio Passino; Michele Emdin. Prognostic Value of High-Sensitivity Troponin T in Chronic Heart Failure: An Individual Patient Data Meta-Analysis.Circulation. 137 - 3, pp. 286 - 297. 2018. ISSN 1524-4539

Type of production: Scientific paper

- 543** Bayés-Genis A; Lanfear DE; de Ronde MWJ; Lupón J; Leenders JJ; Liu Z; Zuithoff NPA; Eijkemans MJC; Zamora E; De Antonio M; Zwinderman AH; Pinto YM. Prognostic value of circulating microRNAs on heart failure-related morbidity and mortality in two large diverse cohorts of general heart failure patients.European journal of heart failure. 2018.

Type of production: Scientific paper**Format:** Journal



- 544** Cediell G; Rueda F; Oxvig C; Oliveras T; Labata C; de Diego O; Ferrer M; Aranda-Nevado MC; Serra-Gregori J; Núñez J; García C; Bayes-Genis A. Prognostic value of the Stanniocalcin-2/PAPP-A/IGFBP-4 axis in ST-segment elevation myocardial infarction. *Cardiovascular diabetology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 545** Roura S; Gámez-Valero A; Lupón J; Gálvez-Montón C; Borràs FE; Bayes-Genis A. Proteomic signature of circulating extracellular vesicles in dilated cardiomyopathy. *Laboratory investigation; a journal of technical methods and pathology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 546** Gual-Capllonch F; Teis A; Ferrer E; Núñez J; Vallejo N; Juncà G; López-Ayerbe J; Lupón J; Bayes-Genis A. Pulmonary vascular resistance versus pulmonary artery pressure for predicting right ventricular remodeling and functional tricuspid regurgitation. *Echocardiography (Mount Kisco, N.Y.)*. 2018.
Type of production: Scientific paper **Format:** Journal
- 547** Zamora E; Lupón J; Bayés-Genis A. Reply. *European journal of heart failure*. 2018.
Type of production: Scientific paper **Format:** Journal
- 548** Núñez J; Núñez E; Sanchis J; Bayés-Genis A. Response by Núñez et al to Letter Regarding Article, "Long-Term Potassium Monitoring and Dynamics in Heart Failure and Risk of Mortality". *Circulation*. 2018.
Type of production: Scientific paper **Format:** Journal
- 549** Palau P; Bayés-Genis A; Núñez J. Risk Stratification According to Midlife Physical Fitness in an Asymptomatic Population. *Journal of the American College of Cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 550** Miñana G; Núñez J; Bayés-Genis A; Revuelta-López E; Ríos-Navarro C; Núñez E; Chorro FJ; López-Lereu MP; Monmeneu JV; Lupón J; Bodí V. ST2 and left ventricular remodeling after ST-segment elevation myocardial infarction: A cardiac magnetic resonance study. *International journal of cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 551** Bayés-Genis A; González A; Lupón J. ST2 in Heart Failure. *Circulation. Heart failure*. 11, pp. e005582. 2018. ISSN 1941-3289
DOI: 10.1161/CIRCHEARTFAILURE.118.005582
PMID: 30562100
Type of production: Scientific paper
- 552** Beltrán P; Palau P; Domínguez E; Faraudo M; Núñez E; Guri O; Mollar A; Sanchis J; Bayés-Genis A; Núñez J. Sacubitril/valsartan and short-term changes in the 6-minute walk test: A pilot study. *International journal of cardiology*. 2018.
Type of production: Scientific paper **Format:** Journal
- 553** Bayés de Luna A; Baranchuk A; Niño Pulido C; Martínez-Sellés M; Bayés-Genis A; Elosua R; Elizari MV. Second-degree interatrial block: Brief review and concept. *Annals of noninvasive electrocardiology : the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc.* 2018.
Type of production: Scientific paper **Format:** Journal
- 554** Bermejo J; Yotti R; García-Orta R; Sánchez-Fernández PL; Castaño M; Segovia-Cubero J; Escribano-Subías P; San Román JA; Borrás X; Alonso-Gómez A; Sildenafil for Improving Outcomes after VALvular Correction (SIOV. Sildenafil for improving outcomes in patients with corrected valvular heart disease and persistent pulmonary hypertension: a multicenter, double-blind, randomized clinical trial. *European heart journal*. 2018.



Type of production: Scientific paper

Format: Journal

- 555** Teubel I; Elchinova E; Roura S; Fernández MA; Gálvez-Montón C; Moliner P; de Antonio M; Lupón J; Bayés-Genís A. Telomere attrition in heart failure: a flow-FISH longitudinal analysis of circulating monocytes. *Journal of translational medicine*. 2018.

Type of production: Scientific paper

Format: Journal

- 556** Navarro-Peñalver M; Perez-Martinez MT; Gómez-Bueno M; García-Pavía P; Lupón-Rosés J; Roig-Minguell E; Comin-Colet J; Bayes-Genis A; Noguera JA; Pascual-Figal DA. Testosterone Replacement Therapy in Deficient Patients With Chronic Heart Failure: A Randomized Double-Blind Controlled Pilot Study. *Journal of cardiovascular pharmacology and therapeutics*. 2018.

Type of production: Scientific paper

Format: Journal

- 557** Bayés-Genís A; Lupón J. The Barcelona Bio-HF Calculator: A Contemporary Web-Based Heart Failure Risk Score. *JACC. Heart failure*. 2018.

Type of production: Scientific paper

Format: Journal

- 558** Pascual-Figal D; Bayes-Genis A. The misperception of 'stable' heart failure. *European journal of heart failure*. 2018.

Type of production: Scientific paper

Format: Journal

- 559** Rauch G; Kieser M; Binder H; Bayes-Genis A; Jahn-Eimermacher A. Time-to-first-event versus recurrent-event analysis: points to consider for selecting a meaningful analysis strategy in clinical trials with composite endpoints. *Clinical research in cardiology : official journal of the German Cardiac Society*. 2018.

Type of production: Scientific paper

Format: Journal

- 560** Bayes-Genis A; Voors AA; Zannad F; Januzzi JL; Mark Richards A; Díez J. Transitioning from usual care to biomarker-based personalized and precision medicine in heart failure: call for action. *European heart journal*. 2018.

Type of production: Scientific paper

Format: Journal

- 561** Lluçà-Valldeperas A; Bragós R; Soler-Botija C; Roura S; Gálvez-Montón C; Prat-Vidal C; Perea-Gil I; Bayes-Genis A. Unravelling the effects of mechanical physiological conditioning on cardiac adipose tissue-derived progenitor cells in vitro and in silico. *Scientific reports*. 2018.

Type of production: Scientific paper

Format: Journal

- 562** Núñez J; Heredia R; Payá A; Sanchis I; Del Prado S; Miñana G; Santas E; de la Espriella R; Núñez E; Sanchis J; Bayés-Genís A. Use of acetazolamide in the treatment of patients with refractory congestive heart failure. *Cardiovascular Therapeutics*. 2018.

Type of production: Scientific paper

Format: Journal

- 563** Allen LA; Adler ED; Bayés-Genis A; Brisco-Bacik MA; Chirinos JA; Claggett B; Cook JL; Fang JC; Gustafsson F; Ho CY; Kapur NK; Klewer SE; Kociol RD; Sweitzer NK. When the VEST Does Not Fit: Representations of Trial Results Deviating From Rigorous Data Interpretation. *Circulation. Heart failure*. 2018.

Type of production: Scientific paper

Format: Journal

- 564** Emdin M; Aimo A; Vergaro G; Bayes-Genis A; Lupón J; Latini R; Meessen J; Anand IS; Cohn JN; Gravning J; Gullestad L; Broch K; Ueland T; Nymo SH; Januzzi JL. sST2 Predicts Outcome in Chronic Heart Failure Beyond NT-proBNP and High-Sensitivity Troponin T. *Journal of the American College of Cardiology*. 2018.

Type of production: Scientific paper

Format: Journal

- 565** Cediël G; Carrillo X; García-García C; Rueda F; Oliveras T; Labata C; Serra J; Ferrer M; de Diego O; Bayés-Genís A. β -Blocker treatment and prognosis in acute coronary syndrome associated with cocaine consumption: The RUTI-Cocaine Study. *International journal of cardiology*. 2018.

**Type of production:** Scientific paper**Format:** Journal

- 566** Di Marco A; Anguera I; Rodríguez M; Sionis A; Bayes-Genis A; Rodríguez J; Ariza-Solé A; Sánchez-Salado JC; Díaz-Nuila M; Masotti M; Villuendas R; Cequier Á. Assessment of Smith Algorithms for the Diagnosis of Acute Myocardial Infarction in the Presence of Left Bundle Branch Block. *Revista Espanola De Cardiologia (English Ed.)*. 2017.

Type of production: Scientific paper**Format:** Journal

- 567** Garde A; Sörnmo L; Laguna P; Jané R; Benito S; Bayés-Genís A; Giraldo BF. Assessment of respiratory flow cycle morphology in patients with chronic heart failure. *Medical & biological engineering & computing*. 2017.

Type of production: Scientific paper**Format:** Journal

- 568** Soto Flores N; Vallejo Camazón N; Bayes-Genis A. Austrian Syndrome Complicated With a Periannular Mitral Abscess. *Revista Espanola De Cardiologia (English Ed.)*. 2017.

Type of production: Scientific paper**Format:** Journal

- 569** Santiago Roura; Carolina Gálvez Montón; Josep Lupón; Antoni Bayes Genis. Biotherapies and biomarkers for cardiovascular diseases: A 15-year journey at the ICREC (Heart Failure and Cardiac Regeneration) Research Laboratory in Barcelona, Spain. *European heart journal*. 38 - 23, pp. 1784 - 1786. 2017. ISSN 1522-9645

Type of production: Scientific paper**Format:** Journal

- 570** Antoni Bayes Genis; Jaume Barallat; Marta de Antonio; Mar Domingo; Elisabet Zamora; Joan Vila; Isaac Subirana; Paloma Gastelurrutia; M Cruz Pastor; James L Januzzi; Josep Lupón. Bloodstream Amyloid-beta (1-40) Peptide, Cognition, and Outcomes in Heart Failure. *Revista espanola de cardiologia (English ed.)*. (Spain): 2017. ISSN 1885-5857

Type of production: Scientific paper

- 571** Bartunek J; Terzic A; Davison BA; Filippatos GS; Radovanovic S; Beleslin B; Merkely B; Musialek P; Wojakowski W; Andreka P; Horvath IG; Katz A; CHART Program. Cardiopoietic cell therapy for advanced ischaemic heart failure: results at 39 weeks of the prospective, randomized, double blind, sham-controlled CHART-1 clinical trial. *European heart journal*. 2017.

Type of production: Scientific paper**Format:** Journal

- 572** Rodriguez J; Voss A; Caminal P; Bayes-Genis A; Giraldo BF. Characterization and classification of patients with different levels of cardiac death risk by using Poincaré plot analysis. *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*. 2017.

Type of production: Scientific paper**Format:** Journal

- 573** Farré N; Lupon J; Roig E; Gonzalez-Costello J; Vila J; Perez S; de Antonio M; Solé-González E; Sánchez-Enrique C; Moliner P; Ruiz S; Enjuanes C; GICCAT Investigators. Clinical characteristics, one-year change in ejection fraction and long-term outcomes in patients with heart failure with mid-range ejection fraction: a multicentre prospective observational study in Catalonia (Spain). *BMJ open*. 2017.

Type of production: Scientific paper**Format:** Journal

- 574** Bayes-Genis A; Adler Y; de Luna AB; Imazio M. Colchicine in Pericarditis. *European heart journal*. 2017.

Type of production: Scientific paper**Format:** Journal

- 575** Díez J; Bayes-Genis A. Compelling Benefit of Soluble Suppression of Tumorigenicity-2 in Post-Myocardial Infarction Estimation of Risk: The Time Is Right for Its Routine Use in the Clinic. *Journal of the American Heart Association*. 2017.

Type of production: Scientific paper**Format:** Journal

- 576** Samouillan V; Revuelta-López E; Soler-Botija C; Dandurand J; Benitez-Amaro A; Nasarre L; de Gonzalo-Calvo D; Bayes-Genis A; Lacabanne C; Llorente-Cortés V. Conformational and thermal characterization of left ventricle remodeling post-myocardial infarction. *Biochimica et biophysica acta. Molecular basis of disease*. 2017.
Type of production: Scientific paper **Format:** Journal
- 577** Bernal E; Ariza-Solé A; Formiga F; Abu-Assi E; Carol A; Galián L; Bayés-Genís A; Saldivar HG; Díez-Villanueva P; Sellés MM; Influencia del Diagnóstico de Estenosis Aórtica Severa (IDEAS) Re. Conservative management in very elderly patients with severe aortic stenosis: Time to change?. *Journal of cardiology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 578** Villa G; Lothgren M; Kutikova L; Lindgren P; Gandra SR; Fonarow GC; Sorio F; Masana L; Bayes-Genis A; Hout BV. Cost-effectiveness of Evolocumab in Patients With High Cardiovascular Risk in Spain. *Clinical therapeutics*. 2017.
Type of production: Scientific paper **Format:** Journal
- 579** Núñez J; Garcia S; Núñez E; Bonanad C; Bodí V; Miñana G; Santas E; Escribano D; Bayes-Genis A; Pascual-Figal D; Chorro FJ; Sanchis J. Early serum creatinine changes and outcomes in patients admitted for acute heart failure: the cardio-renal syndrome revisited. *European heart journal. Acute cardiovascular care*. 2017.
Type of production: Scientific paper **Format:** Journal
- 580** Llucà-Valldeperas A; Soler-Botija C; Gálvez-Montón C; Roura S; Prat-Vidal C; Perea-Gil I; Sanchez B; Bragos R; Vunjak-Novakovic G; Bayes-Genis A. Electromechanical Conditioning of Adult Progenitor Cells Improves Recovery of Cardiac Function After Myocardial Infarction. *Stem cells translational medicine*. 2017.
Type of production: Scientific paper **Format:** Journal
- 581** Roura S; Gálvez-Montón C; de Gonzalo-Calvo D; Valero AG; Gastelurrutia P; Revuelta-López E; Prat-Vidal C; Soler-Botija C; Llucà-Valldeperas A; Bayes-Genis A. Extracellular vesicles do not contribute to higher circulating levels of soluble LRP1 in idiopathic dilated cardiomyopathy. *Journal of cellular and molecular medicine*. 2017.
Type of production: Scientific paper **Format:** Journal
- 582** Roura S; Gálvez-Montón C; Bayes-Genis A. Fibrin, the preferred scaffold for cell transplantation after myocardial infarction? An old molecule with a new life. *Journal of tissue engineering and regenerative medicine*. 2017.
Type of production: Scientific paper **Format:** Journal
- 583** De la Espriella R; Santas E; Miñana G; Bodí V; Valero E; Payá R; Núñez E; Payá A; Chorro FJ; Bayés-Genis A; Sanchis J; Núñez J. Functional Mitral Regurgitation Predicts Short-Term Adverse Events in Patients With Acute Heart Failure and Reduced Left Ventricular Ejection Fraction. *The American Journal of Cardiology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 584** Fernández-Avilés F; Sanz-Ruiz R; Climent AM; Badimon L; Bolli R; Charron D; Fuster V; Janssens S; Kastrup J; Kim HS; Lüscher TF; Martin JF; Tracking; Assessment Subcommittee. Global position paper on cardiovascular regenerative medicine. *European heart journal*. 2017.
Type of production: Scientific paper **Format:** Journal
- 585** Bayés-Genís A; Núñez J; Lupón J. Heart failure with mid-range ejection fraction: a transition phenotype?. *European journal of heart failure*. 2017.
Type of production: Scientific paper **Format:** Journal
- 586** Bisbal F; Villuendas R; de Diego O; Sarrias A; Vilalta V; Bayés-Genís A. Iatrogenic pleuropericardial communication: A rare complication of percutaneous epicardial mapping. *HeartRhythm Case Reports*. 2017.
Type of production: Scientific paper **Format:** Journal

- 587** Palau P; Domínguez E; Núñez E; Ramón JM; López L; Melero J; Bellver A; Chorro FJ; Bodí V; Bayés-Genis A; Sanchis J; Núñez J. Inspiratory Muscle Function and Exercise Capacity in Patients With Heart Failure With Preserved Ejection Fraction. *Journal of cardiac failure*. 2017.
Type of production: Scientific paper **Format:** Journal
- 588** Bobi J; Solanes N; Fernández-Jiménez R; Galán-Arriola C; Dantas AP; Fernández-Friera L; Gálvez-Montón C; Rigol-Monzó E; Agüero J; Ramírez J; Roqué M; Rigol M. Intracoronary Administration of Allogeneic Adipose Tissue-Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. *Journal of the American Heart Association*. 2017.
Type of production: Scientific paper **Format:** Journal
- 589** Núñez J; Núñez E; Bayés-Genís A; Fonarow GC; Miñana G; Bodí V; Pascual-Figal D; Santas E; Garcia-Blas S; Chorro FJ; Rizopoulos D; Sanchis J. Long-term serial kinetics of N-terminal pro B-type natriuretic peptide and carbohydrate antigen 125 for mortality risk prediction following acute heart failure. *European heart journal. Acute cardiovascular care*. 2017.
Type of production: Scientific paper **Format:** Journal
- 590** Oriol Iborra Egea; Gálvez-Montón C; Roura S; Perea-Gil I; Prat-Vidal C; Soler-Botija C; Bayes-Genis A. Mechanisms of action of sacubitril/valsartan on cardiac remodeling: a systems biology approach. *npj Systems Biology and Applications*. 3, pp. 12 - 12. Badalona, Catalonia(Spain): 2017.
Type of production: Scientific paper **Format:** Journal
- 591** Oriol Iborra Egea; Gálvez-Montón C; Roura S; Perea-Gil I; Prat-Vidal C; Soler-Botija C; Antoni Bayés Genís. Mechanisms of action of sacubitril/valsartan on cardiac remodeling: a systems biology approach. *npj Systems Biology and Application*. 3, pp. 12 - 12. Catalonia(Spain): 2017. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/28649439>>.
Type of production: Scientific paper **Format:** Journal
- 592** Monguió-Tortajada M; Roura S; Gálvez-Montón C; Franquesa M; Bayes-Genis A; Borràs FE. Mesenchymal Stem Cells Induce Expression of CD73 in Human Monocytes In Vitro and in a Swine Model of Myocardial Infarction In Vivo. *Frontiers in Immunology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 593** Roura S; Gálvez-Montón C; Mirabel C; Vives J; Bayes-Genis A. Mesenchymal stem cells for cardiac repair: are the actors ready for the clinical scenario?. *Stem cell research & therapy*. 2017.
Type of production: Scientific paper **Format:** Journal
- 594** Aimo A; Vergaro G; Ripoli A; Bayes-Genis A; Pascual Figal DA; de Boer RA; Lassus J; Mebazaa A; Gayat E; Breidhardt T; Sabti Z; Mueller C; Emdin M. Meta-Analysis of Soluble Suppression of Tumorigenicity-2 and Prognosis in Acute Heart Failure. *JACC. Heart failure*. 2017.
Type of production: Scientific paper **Format:** Journal
- 595** Gálvez-Montón C; Gastelurrutia P; Diaz-Güemes I; Sanchez-Margallo FM; Bayes-Genis A. Minimally Invasive Adipose Graft Transposition Procedure. *Journal of cardiovascular translational research*. 2017.
Type of production: Scientific paper **Format:** Journal
- 596** Susan Stienen; Khibar Salah; Arno H Moons; Adrianus L Bakx; Petra van Pol; Mikael Kortz; João Pedro Ferreira; Irene Marques; Jutta M Schroeder Tanka; Jan T Keijer; Antoni Bayés Genis; Jan G P Tijssen; Yigal M Pinto; Wouter E Kok. NT-proBNP-Guided Therapy in Acute Decompensated Heart Failure: The PRIMA II Randomized Controlled Trial. *Circulation*. 2017. ISSN 1524-4539
Type of production: Scientific paper



- 597** Marta Monguió Tortajada; Santiago Roura Ferrer; Carolina Gálvez Montón; Pujal JM; Aran G; Sanjurjo L; Marcela Franquesa; Sarrias MR; Antoni Bayes Genis; Francesc Enric Borràs. Nanosized UCMSC-derived extracellular vesicles but not conditioned medium exclusively inhibit the inflammatory response of stimulated T cells: implications for nanomedicine. *Theranostics*. 7 - 2, pp. 270 - 284. 2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 598** Gálvez-Montón C; Bragós R; Soler-Botija C; Díaz-Güemes I; Prat-Vidal C; Crisóstomo V; Sánchez-Margallo FM; Llucià-Valldeperas A; Bogónez-Franco P; Bayes-Genis A. Noninvasive Assessment of an Engineered Bioactive Graft in Myocardial Infarction: Impact on Cardiac Function and Scar Healing. *Stem cells translational medicine*. 2017.
Type of production: Scientific paper **Format:** Journal
- 599** Elisabet Zamora; Josep Lupón; Antoni Bayes Genis. Obesity in heart failure: is it time to rethink the paradox? Reply. *European journal of heart failure*. 2017. ISSN 1879-0844
Type of production: Scientific paper **Format:** Journal
- 600** Gastelurrutia P; Lupón J; Domingo M; Stut W; Dovancescu S; Cleland J; Frankenstein L; Bayes-Genis A; HeartCycle Programme Investigators. Potential role for clinical calibration to increase engagement with and application of home telemonitoring: a report from the HeartCycle programme. *ESC heart failure*. 2017.
Type of production: Scientific paper **Format:** Journal
- 601** Maurice W J de Ronde; Jan M Ruijter; David Lanfear; Antoni Bayes Genis; Maayke G M Kok; Esther E Creemers; Yigal M Pinto; Sara-Joan Pinto Sietsma. Practical data handling pipeline improves performance of qPCR-based circulating miRNA measurements. *RNA (New York, N.Y.)*. 23 - 5, pp. 811 - 821. 2017. ISSN 1469-9001
Type of production: Scientific paper
- 602** Gálvez-Montón C; Soler-Botija C; Iborra-Egea O; Díaz-Güemes I; Martí M; Iglesias-García O; Prat-Vidal C; Crisóstomo V; Llucià-Valldeperas A; Bayes-Genis A. Preclinical Safety Evaluation of Allogeneic Induced Pluripotent Stem Cell-Based Therapy in a Swine Model of Myocardial Infarction. *Tissue engineering. Part C, Methods*. 2017.
Type of production: Scientific paper **Format:** Journal
- 603** Carolina Gálvez Montón; Carolina Soler Botija; Oriol Iborra Egea; Diaz-Guemes I; Martí M; Iglesias-Garcia O; Cristina Prat Vidal; Crisóstomo V; Llucià-Valldeperas A; Isaac Perea Gil; Santiago Roura Ferrer; Sanchez Margallo FM; Raya Á; Antoni Bayés Genís. Preclinical safety evaluation of allogeneic iPS cell-based therapy in a swine model of myocardial infarction. *Tissue Engineering Part C Methods. Catalonia(Spain)*: 2017. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/28699384>>.
Type of production: Scientific paper **Format:** Journal
- 604** Cediél G; Rueda F; García C; Oliveras T; Labata C; Serra J; Núñez J; Bodí V; Ferrer M; Lupón J; Bayes-Genis A. Prognostic Value of New-Generation Troponins in ST-Segment-Elevation Myocardial Infarction in the Modern Era: The RUTI-STEMI Study. *Journal of the American Heart Association*. 2017.
Type of production: Scientific paper **Format:** Journal
- 605** Haugli I; Revuelta-López E; Hall C; Bayes-Genis A. RAS Fingerprint. *Journal of the American College of Cardiology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 606** Gastelurrutia P; Gálvez-Montón C; Cámara ML; Bustamante-Munguira J; García-Pavia P; Avanzas P; Alberto San Román J; Pascual-Figal D; Teresa E; Bayes-Genis A. Rationale and design of a multicentre, prospective, randomised, controlled clinical trial to evaluate the efficacy of the adipose graft transposition procedure in patients with a myocardial scar: the AGTP II trial. *BMJ open*. 2017.
Type of production: Scientific paper **Format:** Journal

- 607** Lupón J; Díez-López C; de Antonio M; Domingo M; Zamora E; Moliner P; González B; Santesmases J; Troya MI; Bayés-Genís A. Recovered heart failure with reduced ejection fraction and outcomes: a prospective study. *European journal of heart failure*. 2017.
Type of production: Scientific paper **Format:** Journal
- 608** Revuelta-López E; Soler-Botija C; Nasarre L; Benítez-Amaro A; de Gonzalo-Calvo D; Bayes-Genis A; Llorente-Cortés V. Relationship among LRP1 expression, Pyk2 phosphorylation and MMP-9 activation in left ventricular remodelling after myocardial infarction. *Journal of cellular and molecular medicine*. 2017.
Type of production: Scientific paper **Format:** Journal
- 609** Núñez J; Núñez E; Barallat J; Bodí V; Miñana G; Pastor MC; Sanchis J; Lupón J; Bayes-Genis A. Serum Neprilysin and Recurrent Admissions in Patients With Heart Failure. *Journal of the American Heart Association*. 2017.
Type of production: Scientific paper **Format:** Journal
- 610** Bayés-Genís A; Núñez J; Lupón J. Soluble ST2 for Prognosis and Monitoring in Heart Failure: The New Gold Standard?. *Journal of the American College of Cardiology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 611** Bayes de Luna A; Martinez-Sellés M; Antoni Bayes Genis; Elosua R; Baranchuk A. Surface ECG interatrial block-guided treatment for stroke prevention: rationale for an attractive hypothesis. *BMC Cardiovascular Disorders*. 17 - 1, pp. 211. 2017.
Type of production: Scientific paper **Format:** Journal
- 612** Roca E; Nescolarde L; Lupón J; Barallat J; Januzzi JL; Liu P; Cruz Pastor M; Bayes-Genis A. The Dynamics of Cardiovascular Biomarkers in non-Elite Marathon Runners. *Journal of cardiovascular translational research*. 2017.
Type of production: Scientific paper **Format:** Journal
- 613** Bayes-Genis A; Núñez J; Zannad F; Ferreira JP; Anker SD; Cleland JG; Dickstein K; Filippatos G; Lang CC; Ng LL; Ponikowski P; Samani NJ; Voors AA. The PCSK9-LDL Receptor Axis and Outcomes in Heart Failure: BIOSAT-CHF Subanalysis. *Journal of the American College of Cardiology*. 2017.
Type of production: Scientific paper **Format:** Journal
- 614** Echeverría P; Gómez-Mora E; Roura S; Bonjoch A; Puig J; Pérez-Alvarez N; Bayés-Genís A; Clotet B; Blanco J; Negro E. Variable endothelial cell function restoration after initiation of two antiretroviral regimens in HIV-infected individuals. *The Journal of antimicrobial chemotherapy*. 2017.
Type of production: Scientific paper **Format:** Journal
- 615** Perea-Gil I; Prat-Vidal C; Gálvez-Montón C; Roura S; Lluçà-Valldeperas A; Soler-Botija C; Iborra-Egea O; Díaz-Güemes I; Crisóstomo V; Bayes-Genis A. A Cell-Enriched Engineered Myocardial Graft Limits Infarct Size and Improves Cardiac Function: Pre-Clinical Study in the Porcine Myocardial Infarction Model. *JACC. Basic to translational science*. 2016.
Type of production: Scientific paper **Format:** Journal
- 616** Bayes-Genis A; Barallat J; Richards AM. A Test in Context: Neprilysin: Function, Inhibition, and Biomarker. *Journal of the American College of Cardiology*. 2016.
Type of production: Scientific paper **Format:** Journal
- 617** Cuba-Gyllensten I; Gastelurrutia P; Bonomi AG; Riistama J; Bayes-Genis A; Aarts RM. A method to adapt thoracic impedance based on chest geometry and composition to assess congestion in heart failure patients. *Medical engineering & physics*. 2016.
Type of production: Scientific paper **Format:** Journal



- 618** Arcentales A; Rivera P; Caminal P; Voss A; Bayes-Genis A; Giraldo BF. Analysis of blood pressure signal in patients with different ventricular ejection fraction using linear and non-linear methods. Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2016.
Type of production: Scientific paper **Format:** Journal
- 619** Baranchuk A; Bayes-Genis A. Bayés' Syndrome. Revista Espanola De Cardiologia (English Ed.). 2016.
Type of production: Scientific paper **Format:** Journal
- 620** Núñez J; Mascarell B; Stubbe H; Ventura S; Bonanad C; Bodí V; Núñez E; Miñana G; Fácila L; Bayés-Genis A; Chorro FJ; Sanchis J. Bioelectrical impedance vector analysis and clinical outcomes in patients with acute heart failure. Journal of cardiovascular medicine (Hagerstown, Md.). 2016.
Type of production: Scientific paper **Format:** Journal
- 621** Roura S; Fernández MA; Elchinova E; Teubel I; Requena G; Cabanes R; Lupón J; Bayes-Genis A. Brilliant violet fluorochromes in simultaneous multicolor flow cytometry - fluorescents in situ hybridization measurement of monocyte subsets and telomere length in heart failure. Laboratory Investigation; A journal of technical methods and pathology. 2016. ISSN 1530-0307
Type of production: Scientific paper
- 622** Roura S; Fernández MA; Elchinova E; Teubel I; Requena G; Cabanes R; Lupón J; Bayes-Genis A. Brilliant violet fluorochromes in simultaneous multicolor flow cytometry-fluorescence in situ hybridization measurement of monocyte subsets and telomere length in heart failure. Laboratory investigation; a journal of technical methods and pathology. 2016.
Type of production: Scientific paper **Format:** Journal
- 623** Bayes-Genis A; Lupón J; Jaffe AS. Can Natriuretic Peptides be Used to Guide Therapy?. EJIFCC. 2016.
Type of production: Scientific paper **Format:** Journal
- 624** Bayés-Genis A; Gálvez-Montón C; Roura S. Cardiac Tissue Engineering: Lost in Translation or Ready for Translation?. Journal of the American College of Cardiology. 2016.
Type of production: Scientific paper **Format:** Journal
- 625** Roura S; Gálvez-Montón C; Fernández MA; Lupón J; Bayes-Genis A. Circulating Endothelial Progenitor Cells: Potential Biomarkers for Idiopathic Dilated Cardiomyopathy. Journal of cardiovascular translational research. 2016.
Type of production: Scientific paper **Format:** Journal
- 626** Pascual-Figal DA; Casademont J; Lobos JM; Piñera P; Bayés-Genis A; Ordóñez-Llanos J; González-Juanatey JR. Consensus document and recommendations on the use of natriuretic peptides in clinical practice. Revista Clinica Espanola. 2016.
Type of production: Scientific paper **Format:** Journal
- 627** Carrillo X; Fernandez-Nofrerias E; Rodriguez-Leor O; Oliveras T; Serra J; Mauri J; Curos A; Rueda F; García-García C; Tresserras R; Rosas A; Codi IAM Investigators. Early ST elevation myocardial infarction in non-capable percutaneous coronary intervention centres: in situ fibrinolysis vs. percutaneous coronary intervention transfer. European heart journal. 2016.
Type of production: Scientific paper **Format:** Journal
- 628** Gual-Capllonch F; Escudero A; Buys S; Bayes-Genis A. Equalization of Intracardiac Pressures in Cardiac Tamponade. Anesthesia and analgesia. 2016.
Type of production: Scientific paper **Format:** Journal



- 629** Díez-López C; Lupón J; de Antonio M; Zamora E; Domingo M; Santesmases J; Troya MI; Boldó M; Bayes-Genis A. Hemoglobin Kinetics and Long-term Prognosis in Heart Failure. *Revista Espanola De Cardiologia (English Ed.)*. 2016.
Type of production: Scientific paper **Format:** Journal
- 630** Alonso N; Lupón J; Barallat J; de Antonio M; Domingo M; Zamora E; Moliner P; Galán A; Santesmases J; Pastor C; Mauricio D; Bayes-Genis A. Impact of diabetes on the predictive value of heart failure biomarkers. *Cardiovascular diabetology*. 2016.
Type of production: Scientific paper **Format:** Journal
- 631** Toledano B; Bisbal F; Camara ML; Labata C; Berastegui E; Gálvez-Montón C; Villuendas R; Sarrias A; Oliveres T; Pereferer D; Ruyra X; Bayés-Genís A. Incidence and predictors of new-onset atrioventricular block requiring pacemaker implantation after sutureless aortic valve replacement. *Interactive cardiovascular and thoracic surgery*. 2016.
Type of production: Scientific paper **Format:** Journal
- 632** Martínez-Sellés M; Massó-van Roessel A; Álvarez-García J; García de la Villa B; Cruz-Jentoft AJ; Vidán MT; López Díaz J; Felix Redondo FJ; Investigators of the Cardiac; Clinical Characterization of Centenarians (4C) registry. Interatrial block and atrial arrhythmias in centenarians: Prevalence, associations, and clinical implications. *Heart rhythm*. 2016.
Type of production: Scientific paper **Format:** Journal
- 633** Bisbal F; Gómez-Pulido F; Cabanas-Grandío P; Akoum N; Calvo M; Andreu D; Prat-González S; Perea RJ; Villuendas R; Berruezo A; Sitges M; Mont L. Left Atrial Geometry Improves Risk Prediction of Thromboembolic Events in Patients With Atrial Fibrillation. *Journal of cardiovascular electrophysiology*. 2016.
Type of production: Scientific paper **Format:** Journal
- 634** Llibre C; Saenz-Sardà X; Vilalta V; Tria L; Llatjós M; Ariza A; Bayes-Genis A. Minimally invasive diagnosis of a pericardial mass by CT-guided fine-needle aspiration. *Cardiovascular pathology : the official journal of the Society for Cardiovascular Pathology*. 2016.
Type of production: Scientific paper **Format:** Journal
- 635** Bayes-Genis A; Núñez J; Núñez E; Martínez JB; Ferrer MP; de Antonio M; Zamora E; Sanchis J; Rosés JL. Multi-Biomarker Profiling and Recurrent Hospitalizations in Heart Failure. *Frontiers in cardiovascular medicine*. 2016.
Type of production: Scientific paper **Format:** Journal
- 636** Baranchuk A; Bayés-Genis A. Naming and classifying old and new ECG phenomena. *CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne*. 2016.
Type of production: Scientific paper **Format:** Journal
- 637** Pascual Figal DA; Casademont J; Lobos JM; Piñera P; Bayes-Genis A; Ordóñez Llanos J; González-Juanatey JR. Natriuretic Peptides: Consensus Call for Use. *Revista Espanola De Cardiologia (English Ed.)*. 2016.
Type of production: Scientific paper **Format:** Journal
- 638** Lupón J; Bayes-Genis A. Neprilysin Plasma Concentrations: A New Prognostic Marker in Heart Failure. *Revista Espanola De Cardiologia (English Ed.)*. 2016.
Type of production: Scientific paper **Format:** Journal
- 639** Bayes-Genis A; Morant-Talamante N; Lupón J. Neprilysin and Natriuretic Peptide Regulation in Heart Failure. *Current heart failure reports*. 2016.
Type of production: Scientific paper **Format:** Journal



- 640** Bayes-Genis A; Lupón J. Neprilysin: Indications, Expectations, and Challenges. *Revista Espanola De Cardiologia (English Ed.)*. 2016.
Type of production: Scientific paper **Format:** Journal
- 641** Zamora E; Lupón J; Enjuanes C; Pascual-Figal D; de Antonio M; Domingo M; Comín-Colet J; Vila J; Peñafiel J; Farré N; Alonso N; Santesmases J; Bayés-Genís A. No benefit from the obesity paradox for diabetic patients with heart failure. *European journal of heart failure*. 2016.
Type of production: Scientific paper **Format:** Journal
- 642** Zamora E; Lupón J; Enjuanes C; Pascual-Figal D; De Antonio M; Domingo M; Comín-Colet J; Vila J; Peñafiel J; Farré M; Alonso N; Santesmases J; Troya M; Bayes-Genis A. No benefit from the obesity paradox for diabetic patients with heart failure. *European Journal of Heart Failure*. 18 - 7, pp. 851 - 858. 2016. ISSN 1879-0844
Type of production: Scientific paper **Format:** Journal
- 643** Gálvez-Montón C; Bragós R; Soler-Botija C; Díaz-Güemes I; Prat-Vidal C; Crisóstomo V; Sánchez-Margallo FM; Lluçà-Valldeperas A; Bogóñez-Franco P; Perea-Gil I; Roura S; Bayes-Genis A. Non invasive assessment of an engineered bioactive graft in myocardial infarction: impact on cardiac function on scar healing. *Stem Cells Translational Medicine*. 2016. ISSN 2157-6564
Type of production: Scientific paper **Format:** Journal
- 644** Lupón J; Sanders-van Wijk S; Januzzi JL; de Antonio M; Gaggin HK; Pfisterer M; Galán A; Shah R; Brunner-La Rocca HP; Bayes-Genis A. Prediction of survival and magnitude of reverse remodeling using the ST2-R2 score in heart failure: A multicenter study. *International journal of cardiology*. 2016.
Type of production: Scientific paper **Format:** Journal
- 645** Miller WL; Saenger AK; Grill DE; Slusser JP; Bayes-Genis A; Jaffe AS. Prognostic Value of Serial Measurements of Soluble Suppression of Tumorigenicity 2 and Galectin-3 in Ambulatory Patients With Chronic Heart Failure. *Journal of cardiac failure*. 2016.
Type of production: Scientific paper **Format:** Journal
- 646** Aimo A; Vergaro G; Passino C; Ripoli A; Ky B; Miller WL; Bayes-Genis A; Anand I; Januzzi JL; Emdin M. Prognostic Value of Soluble Suppression of Tumorigenicity-2 in Chronic Heart Failure: A Meta-Analysis. *JACC. Heart failure*. 2016.
Type of production: Scientific paper **Format:** Journal
- 647** Gommans DH; Bayés-Genís A; van Kimmenade RR. Putting Together the Pieces of the Natriuretic Peptide Puzzle. *JACC. Heart failure*. 2016.
Type of production: Scientific paper **Format:** Journal
- 648** Roura S; Pujal JM; Gálvez-Montón C; Bayes-Genis A. Quality and exploitation of umbilical cord blood for cell therapy: Are we beyond our capabilities?. *Developmental dynamics : an official publication of the American Association of Anatomists*. 2016.
Type of production: Scientific paper **Format:** Journal
- 649** Sanchis J; Núñez E; Barrabés JA; Marín F; Consuegra-Sánchez L; Ventura S; Valero E; Roqué M; Bayés-Genís A; Del Blanco BG; Dégano I; Núñez J. Randomized comparison between the invasive and conservative strategies in comorbid elderly patients with non-ST elevation myocardial infarction. *European journal of internal medicine*. 2016.
Type of production: Scientific paper **Format:** Journal
- 650** Manuel Martínez Sellés; Antoni Bayes Genis; Antonio Bayes de Luna. Reply to the Editor-Prevalence of interatrial block during lifetime. *Heart rhythm : the official journal of the Heart Rhythm Society*. 13 - 4, pp. e91. 2016. ISSN 1556-3871
Type of production: Scientific paper



- 651** Ferreira-González I; Abu-Assi E; Arias MA; Gallego P; Sánchez-Recalde Á; Avanzas P; Bayes-Genis A; de Isla LP; Sanchis J. Revista Española de Cardiología: Current Position and Future Directions.Revista Espanola De Cardiologia (English Ed.). 2016.
Type of production: Scientific paper **Format:** Journal
- 652** Bayes-Genis A. ST2-Based Precision Medicine in Device Management: the Next Frontier Beyond MADIT-CRT?. Journal of cardiovascular translational research. 2016.
Type of production: Scientific paper **Format:** Journal
- 653** Núñez J; Núñez E; Miñana G; Carratalá A; Sanchis J; Lupón J; Barallat J; Pastor MC; Pascual-Figal D; Bayés-Genís A. Serum neprilysin and recurrent hospitalizations after acute heart failure.International journal of cardiology. 2016.
Type of production: Scientific paper **Format:** Journal
- 654** Martínez-Sellés M; Fernández Lozano I; Baranchuk A; Bayes-Genis A; Bayés de Luna A. Should We Anticoagulate Patients at High Risk of Atrial Fibrillation?. Revista Espanola De Cardiologia (English Ed.). 2016.
Type of production: Scientific paper **Format:** Journal
- 655** Bayes-Genis A; Barallat J; Lupón J. Soluble neprilysin does not correlate with outcome in heart failure with preserved ejection fraction?. European journal of heart failure. 2016.
Type of production: Scientific paper **Format:** Journal
- 656** Bayes-Genis A; Prickett TC; Richards AM; Barallat J; Lupón J. Soluble neprilysin retains catalytic activity in heart failure.The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation. 2016.
Type of production: Scientific paper **Format:** Journal
- 657** Stienen S; Salah K; Eurlings LW; Bettencourt P; Pimenta JM; Metra M; Bayes-Genis A; Verdiani V; Bettari L; Lazzarini V; Tijssen JP; Pinto YM; Kok WE. Targeting N-Terminal Pro-Brain Natriuretic Peptide in Older Versus Younger Acute Decompensated Heart Failure Patients.JACC. Heart failure. 2016.
Type of production: Scientific paper **Format:** Journal
- 658** Stienen S; Salah K; Eurlings LW; Bettencourt P; Pimenta JM; Metra M; Bayes-Genis A; Verdiani V; Bettari L; Lazzarini V; Tijssen JP; Pinto YM; Kok WE. Targeting N-terminal pro-brain natriuretic peptide in older vs younger acute decompensated heart failure patients. JACC: Heart Failure. 4 - 9, pp. 736 - 745. 2016. ISSN 2213-1787
Type of production: Scientific paper
- 659** Llibre C; Zamora E; Caballero À; Lupón J; Ros A; Benito N; de Antonio M; Galán A; Domingo M; Bayes-Genis A. The real-life value of ST2 monitoring during heart failure decompensation: impact on long-term readmission and mortality.Biomarkers : biochemical indicators of exposure, response, and susceptibility to chemicals. 2016.
Type of production: Scientific paper **Format:** Journal
- 660** Castells-Sala C; Recha-Sancho L; Lluçà-Vallderas A; Soler-Botija C; Bayes-Genis A; Semino CE. Three-Dimensional Cultures of Human Subcutaneous Adipose Tissue-Derived Progenitor Cells Based on RAD16-I Self-Assembling Peptide.Tissue engineering. Part C, Methods. 2016.
Type of production: Scientific paper **Format:** Journal
- 661** Bayés-Genís A; Villuendas R; Elosua R. Unraveling Myocardial Mass: Using Classical ECG With Contemporary GWAS.Journal of the American College of Cardiology. 2016.
Type of production: Scientific paper **Format:** Journal



- 662** Bayes-Genis A; Villuendas R; Elosua R. Unraveling myocardial mass. Journal of the American College of Cardiology. 68 - 13, pp. 1449 - 1451. 2016. ISSN 1558-3597
Type of production: Scientific paper **Format:** Journal
- 663** Gastelurrutia P; Cuba-Gyllensten I; Lupon J; Zamora E; Llibre C; Caballero Á; Riistama J; Aarts R; Bayes-Genis A. Wearable vest for pulmonary congestion tracking and prognosis in heart failure: A pilot study. International journal of cardiology. 2016.
Type of production: Scientific paper **Format:** Journal
- 664** Zamora E; Díez-López C; Lupón J; de Antonio M; Domingo M; Santesmases J; Troya MI; Díez-Quevedo C; Altimir S; Bayes-Genis A. Weight Loss in Obese Patients With Heart Failure. Journal of the American Heart Association. 2016.
Type of production: Scientific paper **Format:** Journal
- 665** Núñez J; Núñez E; Miñana G; Bayés-Genis A; Sanchis J. Worsening Renal Function in Acute Decompensated Heart Failure: The Puzzle is Still Incomplete. JACC. Heart failure. 2016.
Type of production: Scientific paper **Format:** Journal
- 666** Juan Sanchis; Pablo Avanzas; Antoni Bayes Genis; Leopoldo Pérez de Isla; Magda Heras. 2014 annual summary and new projects in Revista Española de Cardiología. Revista española de cardiología (English ed.). 68 - 3, pp. 265 - 337. 2015. ISSN 1885-5857
Type of production: Scientific paper
- 667** María G Crespo Leiro; Javier Segovia Cubero; José González Costello; Antoni Bayes Genis; Silvia López Fernández; Eulàlia Roig; Marisa Sanz Julve; Carla Fernández Vivancos; Manuel de Mora Martín; José Manuel García Pinilla; Alfonso Varela Román; Luis Almenar Bonet; Antonio Lara Padrón; Luis de la Fuente Galán; Juan Delgado Jiménez. Adherence to the ESC Heart Failure Treatment Guidelines in Spain: ESC Heart Failure Long-term Registry. Revista española de cardiología (English ed.). 68 - 9, pp. 785 - 878. (Spain): 2015. ISSN 1885-5857
Type of production: Scientific paper
- 668** Josep Lupón; Mar Domingo; Marta de Antonio; Elisabet Zamora; Javier Santesmases; Crisanto Díez Quevedo; Salvador Altimir; Maribel Troya; Paloma Gastelurrutia; Antoni Bayes Genis. Aging and Heart Rate in Heart Failure: Clinical Implications for Long-term Mortality. Mayo Clinic proceedings. 90 - 6, pp. 765 - 837. 2015. ISSN 1942-5546
Type of production: Scientific paper
- 669** Josep Lupón; Antoni Bayes Genis. Answer. Reverse remodeling in systolic heart failure. The ST2-R2 score: a puzzle yet to be solved?. International journal of cardiology. 187, pp. 556. 2015. ISSN 1874-1754
Type of production: Scientific paper
- 670** Irene Santos Pardo; Roger Villuendas; Iñaki Salvador Corres; Melania Martínez Morillo; Alejandro Olivé; Antoni Bayes Genis. Anti-Ro/SSA antibodies and cardiac rhythm disturbances: Present and future perspectives. International journal of cardiology. 184, pp. 244 - 294. 2015. ISSN 1874-1754
Type of production: Scientific paper
- 671** Josep Lupón; Hanna K Gaggin; Marta de Antonio; Mar Domingo; Amparo Galán; Elisabet Zamora; Joan Vila; Judith Peñafiel; Agustín Urrutia; Elena Ferrer; Nuria Vallejo; James L Januzzi; Antoni Bayes Genis. Biomarker-assist score for reverse remodeling prediction in heart failure: The ST2-R2 score. International journal of cardiology. 184, pp. 337 - 380. 2015. ISSN 1874-1754
Type of production: Scientific paper
- 672** Beatriz F Giraldo; Javier Rodriguez; Pere Caminal; Antonio Bayes Genis; Andreas Voss. Cardiorespiratory and cardiovascular interactions in cardiomyopathy patients using joint symbolic dynamic analysis. Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2015, pp. 306 - 315. 2015. ISSN 1557-170X



Type of production: Scientific paper

- 673** Susan Stienen; Khibar Salah; Luc W M Eurlings; Paulo Bettencourt; Joana M Pimenta; Marco Metra; Antoni Bayes Genis; Valerio Verdiani; Luca Bettari; Valentina Lazzarini; Jan P Tijssen; Yigal M Pinto; Wouter E M Kok. Challenging the two concepts in determining the appropriate pre-discharge N-terminal pro-brain natriuretic peptide treatment target in acute decompensated heart failure patients: absolute or relative discharge levels?. European journal of heart failure. 17 - 9, pp. 936 - 980. 2015. ISSN 1879-0844

Type of production: Scientific paper

- 674** D de Gonzalo Calvo; A Cenarro; M Martínez Bujidos; L Badimon; A Bayes Genis; J Ordonez Llanos; F Civeira; V Llorente Cortés. Circulating soluble low-density lipoprotein receptor-related protein 1 (sLRP1) concentration is associated with hypercholesterolemia: A new potential biomarker for atherosclerosis. International journal of cardiology. 201, pp. 20 - 29. 2015. ISSN 1874-1754

Type of production: Scientific paper

- 675** Baranchuk, Adrian; Enriquez, Andres; Garcia-Niebla, Javier; Bayes-Genis, Antoni; Villuendas, Roger; Bayes de Luna, Antoni. Differential Diagnosis of rSr' Pattern in Leads V-1-V-2. Comprehensive Review and Proposed Algorithm. ANNALS OF NONINVASIVE ELECTROCARDIOLOGY. 20 - 1, pp. 7 - 17. 2015. ISSN 1082-720X

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0

- 676** Colette E Jackson; Davide Castagno; Aldo P Maggioni; Lars Køber; Iain B Squire; Karl Swedberg; Bert Andersson; A Mark Richards; Antoni Bayes Genis; Christophe Tribouilloy; Joanna Dobson; Cono A Ariti; Katrina K Poppe; Nikki Earle; Gillian Whalley; Stuart J Pocock; Robert N Doughty; John J V McMurray. Differing prognostic value of pulse pressure in patients with heart failure with reduced or preserved ejection fraction: results from the MAGGIC individual patient meta-analysis. European heart journal. 2015. ISSN 1522-9645

Type of production: Scientific paper

- 677** Pablo Avanzas; Antoni Bayes Genis; Leopoldo Pérez de Isla; Juan Sanchis; Magda Heras. Fate of original articles rejected by Revista Española de Cardiología. Revista española de cardiología (English ed.). 68 - 3, pp. 263 - 267. 2015. ISSN 1885-5857

Type of production: Scientific paper

- 678** Axel Sarrias; Roger Villuendas; Felipe Bisbal; Damià Pereferre; Ferran Rueda; Jordi Serra; Cosme García; Antoni Bayés Genís. From Atrial Fibrillation to Ventricular Fibrillation and Back. Circulation. 132 - 21, pp. 2035 - 2041. 2015. ISSN 1524-4539

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- 679** Elena Revuelta López; Roi Cal; Adela Herraiz Martínez; David de Gonzalo Calvo; Laura Nasarre; Santiago Roura; Carolina Gálvez Montón; Antoni Bayes Genis; Lina Badimon; Leif Hove Madsen; Vicenta Llorente Cortés. Hypoxia-driven sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) downregulation depends on low-density lipoprotein receptor-related protein 1 (LRP1)-signalling in cardiomyocytes. Journal of molecular and cellular cardiology. 85, pp. 25 - 61. 2015. ISSN 1095-8584

Type of production: Scientific paper



- 680** Roura, Santiago; Pujal, Josep Maria; Galvez-Monton, Carolina; Bayes-Genis, Antoni. Impact of Umbilical Cord Blood-Derived Mesenchymal Stem Cells on Cardiovascular Research. BIOMED RESEARCH INTERNATIONAL. 2015. ISSN 2314-6133
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 681** Santiago Roura; Josep Maria Pujal; Carolina Gálvez Montón; Antoni Bayes Genis. Impact of umbilical cord blood-derived mesenchymal stem cells on cardiovascular research. BioMed research international. 2015, pp. 975302. 2015. ISSN 2314-6141
Type of production: Scientific paper
- 682** Fernandez-Nofrerias, Eduard; Carrillo, Xavier; Rodriguez-Leor, Oriol; Mauri, Josepa; Bayes-Genis, Antoni. Impassable brachiocephalic tortuosity in right transradial access: Overcoming the curves with the pigtail catheter. INTERNATIONAL JOURNAL OF CARDIOLOGY. 180, pp. 76 - 77. 2015. ISSN 0167-5273
Type of production: Scientific paper **Format:** Journal
- 683** Isaac Perea Gil; Juan J Uriarte; Cristina Prat Vidal; Carolina Gálvez Montón; Santiago Roura; Aida Lluçia Valldeperas; Carolina Soler Botija; Ramon Farré; Daniel Navajas; Antoni Bayes Genis. In vitro comparative study of two decellularization protocols in search of an optimal myocardial scaffold for recellularization. American journal of translational research. 7 - 3, pp. 558 - 631. 2015. ISSN 1943-8141
Type of production: Scientific paper
- 684** Isaac Perea Gil; Cristina Prat Vidal; Antoni Bayes Genis. In vivo experience with natural scaffolds for myocardial infarction: the times they are a-changin'. Stem cell research & therapy. 6 - 1, pp. 248. 2015. ISSN 1757-6512
Type of production: Scientific paper
- 685** Josep Lupón; Jaume Barallat; Antoni Bayes Genis. Morbidity and mortality in systolic heart failure also associated with raised serum neprilysin levels. Reply. International journal of cardiology. 190, pp. 201. 2015. ISSN 1874-1754
Type of production: Scientific paper
- 686** Antoni Bayes Genis; Jaume Barallat; Amparo Galán; Marta de Antonio; Mar Domingo; Elisabet Zamora; Paloma Gastelurrutia; Joan Vila; Judith Peñafiel; Carolina Gálvez Montón; Josep Lupón. Multimarker Strategy for Heart Failure Prognostication. Value of Neurohormonal Biomarkers: Neprilysin vs NT-proBNP. Revista española de cardiología (English ed.). 68 - 12, pp. 1075 - 1159. (Spain): 2015. ISSN 1885-5857
Type of production: Scientific paper
- 687** Bayes-Genis, Antoni; Richards, A Mark; Maisel, Alan S; Mueller, Christian; Ky, Bonnie. Multimarker Testing With ST2 in Chronic Heart Failure. The American journal of cardiology. 115 - 7 Suppl, pp. 76B - 80B. 2015.
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 688** Bayes-Genis, Antoni; Ordonez-Llanos, Jordi. Multiple biomarker strategies for risk stratification in heart failure. Clinica chimica acta; international journal of clinical chemistry. 443, pp. 120 - 5. 2015.
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 689** Carolina Gálvez Montón; M Teresa Fernandez Figueras; Mercè Martí; Carolina Soler Botija; Santiago Roura; Isaac Perea Gil; Cristina Prat Vidal; Aida Lluçia Valldeperas; Ángel Raya; Antoni Bayes Genis. Neoinnervation and neovascularization of acellular pericardial-derived scaffolds in myocardial infarcts. Stem cell research & therapy. 6, pp. 108. 2015. ISSN 1757-6512
Type of production: Scientific paper



- 690** Andres Enriquez; Axel Sarrias; Roger Villuendas; Fariha Sadiq Ali; Diego Conde; Wilma M Hopman; Damian P Redfearn; Kevin Michael; Christopher Simpson; Antoni Bayés De Luna; Antoni Bayés Genís; Adrian Baranchuk. New-onset atrial fibrillation after cavotricuspid isthmus ablation: identification of advanced interatrial block is key. *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*. 2015. ISSN 1532-2092

Type of production: Scientific paper

- 691** Santiago Roura; Carolina Soler Botija; Juli R Bagó; Aida Lluçà Valldeperas; Marco A Fernández; Carolina Gálvez Montón; Cristina Prat Vidal; Isaac Perea Gil; Jerónimo Blanco; Antoni Bayes Genis. Postinfarction Functional Recovery Driven by a Three-Dimensional Engineered Fibrin Patch Composed of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells. *Stem cells translational medicine*. 4 - 8, pp. 956 - 1022. 2015. ISSN 2157-6564

Type of production: Scientific paper

Format: Journal

- 692** Isaac Perea Gil; Marta Monguió Tortajada; Carolina Gálvez Montón; Antoni Bayes Genis; Francesc E Borràs; Santiago Roura. Preclinical evaluation of the immunomodulatory properties of cardiac adipose tissue progenitor cells using umbilical cord blood mesenchymal stem cells: a direct comparative study. *BioMed research international*. 2015, pp. 439808. 2015. ISSN 2314-6141

Type of production: Scientific paper

- 693** Antoni Bayés Genís; Jaume Barallat; Domingo Pascual; Julio Nuñez; Gema Miñana; Jesús Sánchez Mas; Amparo Galan; Juan Sanchis; Elisabet Zamora; María Teresa Pérez Martínez; Josep Lupón. Prognostic Value and Kinetics of Soluble Neprilysin in Acute Heart Failure: A Pilot Study. *JACC. Heart failure*. 3 - 8, pp. 641 - 645. 2015. ISSN 2213-1787

Type of production: Scientific paper

- 694** Iwona Cygankiewicz; Valentina Corino; Rafael Vazquez; Antoni Bayes Genis; Luca Mainardi; Wojciech Zareba; Antoni Bayes de Luna; Pyotr G Platonov. Reduced Irregularity of Ventricular Response During Atrial Fibrillation and Long-term Outcome in Patients With Heart Failure. *The American journal of cardiology*. 116 - 7, pp. 1071 - 1076. 2015. ISSN 1879-1913

Type of production: Scientific paper

- 695** Manuel Martínez Sellés; Antoni Bayes Genis; Antonio Bayes de Luna. Reply to the Editor-Prevalence of interatrial block during lifetime. *Heart rhythm : the official journal of the Heart Rhythm Society*. 2015. ISSN 1556-3871

Type of production: Scientific paper

- 696** Bayes-Genis, Antoni; Januzzi, James L; Gaggin, Hanna K; de Antonio, Marta; Motiwala, Shweta R; Zamora, Elisabet; Galan, Amparo; Domingo, Mar; Urrutia, Agustin; Lupon, Josep. ST2 Pathogenetic Profile in Ambulatory Heart Failure Patients. *Journal of cardiac failure*. 21 - 4, pp. 355 - 61. 2015.

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0

- 697** Mebazaa, Alexandre; Di Somma, Salvatore; Maisel, Alan S; Bayes-Genis, Antoni. ST2 and Multimarker Testing in Acute Decompensated Heart Failure. *The American journal of cardiology*. 115 - 7 Suppl, pp. 38B - 43B. 2015.

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 0

- 698** Bayes-Genis, Antoni; Zhang, Yuhui; Ky, Bonnie. ST2 and Patient Prognosis in Chronic Heart Failure. *The American journal of cardiology*. 115 - 7 Suppl, pp. 64B - 9B. 2015.

Type of production: Scientific paper

Format: Journal



Source of citations: WOS

Citations: 0

- 699** Bayes-Genis, Antoni; Barallat, Jaume; Galan, Amparo; de Antonio, Marta; Domingo, Mar; Zamora, Elisabet; Urrutia, Agustín; Lupon, Josep. Soluble Neprilysin Is Predictive of Cardiovascular Death and Heart Failure Hospitalization in Heart Failure Patients. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 65 - 7, pp. 657 - 665. 2015. ISSN 0735-1097

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 8**Corresponding author:** Yes

- 700** deFilippi, Christopher; Daniels, Lori B; Bayes-Genis, Antoni. Structural Heart Disease and ST2: Cross-Sectional and Longitudinal Associations With Echocardiography. The American journal of cardiology. 115 - 7 Suppl, pp. 59B - 63B. 2015.

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 0

- 701** Bayes-Genis, Antoni; Januzzi, James L. The International ST2 Consensus Panel: Introduction. The American journal of cardiology. 115 - 7 Suppl, pp. 1B - 2B. 2015.

Type of production: Scientific paper**Format:** Journal**Source of citations:** WOS**Citations:** 0

- 702** Santiago Roura; Josep-Maria Pujal; Carolina Gálvez Montón; Antoni Bayes Genis. The role and potential of umbilical cord blood in an era of new therapies: a review. Stem cell research & therapy. 6, pp. 123. 2015. ISSN 1757-6512

Type of production: Scientific paper

- 703** Teresa Giralt; Xavier Carrillo; Oriol Rodríguez Leor; Eduard Fernández Nofrerías; Ferran Rueda; Jordi Serra Flores; Josep Maria Viguer; Josepa Mauri; Antoni Curo; Antoni Bayes Genis. Time-dependent effects of unfractionated heparin in patients with ST-elevation myocardial infarction transferred for primary angioplasty. International journal of cardiology. 198, pp. 70 - 74. 2015. ISSN 1874-1754

Type of production: Scientific paper

- 704** Axel Sarrias; Roger Villuendas; Adrian Baranchuk; Antoni Bayés de Luna; Antoni Bayes Genis. To the Editor- Interatrial block: Another risk to take into account after radiofrequency ablation of typical atrial flutter. Heart rhythm : the official journal of the Heart Rhythm Society. 2015. ISSN 1556-3871

Type of production: Scientific paper

- 705** Lupon, Josep; Januzzi, James L.; de Antonio, Marta; Vila, Joan; Penafiel, Judith; Bayes-Genis, Antoni. Validation of the Barcelona Bio-Heart Failure Risk Calculator in a Cohort From Boston. REVISTA ESPAÑOLA DE CARDIOLOGIA. 68 - 1, pp. 80 - 81. 2015. ISSN 0300-8932

Type of production: Scientific paper**Format:** Journal

- 706** Salah, Khibar; Kok, Wouter E.; Eurlings, Luc W.; Bettencourt, Paulo; Pimenta, Joana M.; Metra, Marco; Bayes-Genis, Antoni; Verdiani, Valerio; Bettari, Luca; Lazzarini, Valentina; Damman, Peter; Tijssen, Jan G.; Pinto, Yigal M.. A novel discharge risk model for patients hospitalised for acute decompensated heart failure incorporating N-terminal pro-B-type natriuretic peptide levels: a European collaboration on Acute decompensated Heart Failure: ELAN-HF Score. HEART. 100 - 2, pp. 115 - 125. 2014.

Type of production: Scientific paper**Format:** Journal

- 707** Illapa Cuba Gyllensten; Paloma Gastelurrutia; Jarno Riistama; Ronald Aarts; Julio Nuñez; Josep Lupon; Antoni Bayes Genis. A novel wearable vest for tracking pulmonary congestion in acutely decompensated heart failure. International journal of cardiology. 177 - 1, pp. 199 - 400. 2014. ISSN 1874-1754



Type of production: Scientific paper

- 708** Sanchis, Juan; Avanzas, Pablo; Bayes-Genis, Antoni; Perez de Isla, Leopoldo; Heras, Magda. Acute Coronary Syndromes. New Diagnostic Strategies and Treatment. REVISTA ESPANOLA DE CARDIOLOGIA. 67 - 2, pp. 138 - 138. 2014.

Type of production: Scientific paper

Format: Journal

- 709** Rigol, Montserrat; Solanes, Nuria; Roura, Santiago; Roque, Merce; Novensa, Laura; Paula Dantas, Ana; Martorell, Jaume; Sitges, Marta; Ramirez, Jose; Bayes-Genis, Antoni; Heras, Magda. Allogeneic adipose stem cell therapy in acute myocardial infarction. EUROPEAN JOURNAL OF CLINICAL INVESTIGATION. 44 - 1, pp. 83 - 92. 2014.

Type of production: Scientific paper

Format: Journal

- 710** Roger Villuendas; Alejandro Olivé; Gladys Juncà; Iñaki Salvador; Melania Martínez Morillo; Irene Santos Pardo; Damià Pereferer; Elisabet Zamora; Antoni Bayes Genis. Autoimmunity and atrioventricular block of unknown etiology in adults: the role of anti-Ro/SSA antibodies. Journal of the American College of Cardiology. 63 - 13, pp. 1335 - 1341. 2014. ISSN 1558-3597

PMID: 24486277

Type of production: Scientific paper

Position of signature: 9

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Corresponding author: Yes

- 711** Paloma Gastelurrutia; Josep Lupón; Marta de Antonio; Elisabet Zamora; Mar Domingo; Agustín Urrutia; Salvador Altimir; Ramon Coll; Crisanto Díez; Antoni Bayes Genis. Body mass index, body fat, and nutritional status of patients with heart failure: The PLICA study. Clinical nutrition (Edinburgh, Scotland). 2014. ISSN 1532-1983

Type of production: Scientific paper

- 712** Nuria Ribas; Maite Domingo; Paloma Gastelurrutia; Andreu Ferrero Gregori; Pilar Rull; Mariana Noguero; Carmen Garcia; Teresa Puig; Juan Cinca; Antoni Bayes Genis. Chronobiology of death in heart failure. Revista española de cardiología (English ed.). 67 - 5, pp. 387 - 480. (Spain): 2014. ISSN 1885-5857

Type of production: Scientific paper

- 713** Lupon, Josep; Gonzalez, Beatriz; Domingo, Mar; Bayes-Genisa, Antoni. Comments on the Analysis of Telephone Calls to a Heart Failure Unit: Reasons for the Call and Resource Use. Response. REVISTA ESPANOLA DE CARDIOLOGIA. 67 - 2, pp. 158 - 159. 2014.

Type of production: Scientific paper

Format: Journal

- 714** Gálvez-Montón C; Prat-Vidal C; Díaz-Güemes I; Crisóstomo V; Soler-Botija C; Roura S; Lluçà-Valldeperas A; Perea-Gil I; Sánchez-Margallo FM; Bayes-Genis A. Comparison of two preclinical myocardial infarct models: coronary coil deployment versus surgical ligation. Journal of translational medicine. 2014.

Type of production: Scientific paper

Format: Journal

- 715** Carolina Gálvez Montón; Cristina Prat Vidal; Idoia Díaz Güemes; Verónica Crisóstomo; Carolina Soler Botija; Santiago Roura; Aida Lluçà Valldeperas; Isaac Perea Gil; Francisco M Sánchez Margallo; Antoni Bayes Genis. Comparison of two preclinical myocardial infarct models: coronary coil deployment versus surgical ligation. Journal of translational medicine. 12 - 1, pp. 137. 2014. ISSN 1479-5876

Type of production: Scientific paper

- 716** Magda Heras; Antoni Bayes Genis; Leopoldo Pérez de Isla; Juan Sanchis; Pablo Avanzas. Continuing medical education: a priority in Revista Española de Cardiología. Revista española de cardiología (English ed.). 67 - 12, pp. 1068 - 1141. 2014. ISSN 1885-5857

Type of production: Scientific paper



- 717** Lupon, Josep; de Antonio, Marta; Vila, Joan; Penafiel, Judith; Galan, Amparo; Zamora, Elisabet; Urrutia, Agustin; Bayes-Genis, Antoni. Development of a Novel Heart Failure Risk Tool: The Barcelona Bio-Heart Failure Risk Calculator (BCN Bio-HF Calculator). PLOS ONE. 9 - 1, 2014. ISSN 1932-6203
Type of production: Scientific paper **Format:** Journal
- 718** Lupón J; Lupón J; de Antonio M; Vila J; Peñafiel J; Galán A; Zamora E; Urrutia A; Bayes-Genis A. Development of a novel heart failure risk tool: the barcelona bio-heart failure risk calculator (BCN bio-HF calculator).PloS one. 2014.
Type of production: Scientific paper **Format:** Journal
- 719** Pereferer Kleiner, Damia; Sicras Mainar, Antoni; Villuendas Sabate, Roger; Alcalde Rodriguez, Oscar; Labata Salvador, Carles; Bayes-Genis, Antoni. Do Inappropriate Implantable Cardioverter-defibrillator Shocks Generate Additional Costs?. REVISTA ESPANOLA DE CARDIOLOGIA. 67 - 1, pp. 65 - 66. 2014.
Type of production: Scientific paper **Format:** Journal
- 720** Soler-Botija C; Bagó JR; Llucía-Valldeperas A; Vallés-Lluch A; Castells-Sala C; Martínez-Ramos C; Fernández-Muñoz T; Chachques JC; Pradas MM; Bayes-Genis A. Engineered 3D bioimplants using elastomeric scaffold, self-assembling peptide hydrogel, and adipose tissue-derived progenitor cells for cardiac regeneration.American journal of translational research. 2014.
Type of production: Scientific paper **Format:** Journal
- 721** Carolina Soler Botija; Juli R Bagó; Aida Llucía Valldeperas; Ana Vallés Lluch; Cristina Castells Sala; Cristina Martínez Ramos; Teresa Fernández Muñoz; Juan Carlos Chachques; Manuel Monleón Pradas; Carlos E Semino; Antoni Bayes Genis. Engineered 3D bioimplants using elastomeric scaffold, self-assembling peptide hydrogel, and adipose tissue-derived progenitor cells for cardiac regeneration.American journal of translational research. 6 - 3, pp. 291 - 592. 2014. ISSN 1943-8141
Type of production: Scientific paper
- 722** Paloma Gastelurrutia; Josep Lupón; Salvador Altimir; Marta de Antonio; Beatriz González; Roser Cabanes; Margarita Rodríguez; Agustín Urrutia; Mar Domingo; Elisabet Zamora; Crisanto Díez; Ramon Coll; Antoni Bayes Genis. Fragility is a key determinant of survival in heart failure patients.International journal of cardiology. 175 - 1, pp. 62 - 68. 2014. ISSN 1874-1754
Type of production: Scientific paper
- 723** Bayes-Genis, Antoni; de Antonio, Marta; Vila, Joan; Penafiel, Judith; Galan, Amparo; Barallat, Jaume; Zamora, Elisabet; Urrutia, Agustin; Lupon, Josep. Head- to- Head Comparison of 2 Myocardial Fibrosis Biomarkers for Long-Term Heart Failure Risk Stratification. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 63 - 2, pp. 158 - 166. 2014.
Type of production: Scientific paper **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9 **Corresponding author:** Yes
- 724** Chih M Wong; Nathaniel M Hawkins; Mark C Petrie; Pardeep S Jhund; Roy S Gardner; Cono A Ariti; Katrina K Poppe; Nikki Earle; Gillian A Whalley; Iain B Squire; Robert N Doughty; John J V McMurray. Heart failure in younger patients: the Meta-analysis Global Group in Chronic Heart Failure (MAGGIC).European heart journal. 2014. ISSN 1522-9645
Type of production: Scientific paper
- 725** Santiago Roura; Roi Cal; Carolina Gálvez Montón; Elena Revuelta Lopez; Laura Nasarre; Lina Badimon; Antoni Bayes Genis; Vicenta Llorente Cortés. Inverse relationship between raft LRP1 localization and non-raft ERK1,2/MMP9 activation in idiopathic dilated cardiomyopathy: potential impact in ventricular remodeling.International journal of cardiology. 176 - 3, pp. 805 - 819. 2014. ISSN 1874-1754
Type of production: Scientific paper

- 726** Xavier Carrillo; Eduard Fernandez Nofrerias; Oriol Rodriguez Leor; Antoni Bayes Genis. Is Cocaine-associated Acute Myocardial Infarction the Same as Myocardial Infarction Associated With Recent Cocaine Consumption?. Revista española de cardiología. 2014. ISSN 1579-2242

Type of production: Scientific paper

- 727** Elisabet Zamora; Josep Lupón; Marta de Antonio; Joan Vila; Judith Peñafiel; Amparo Galán; Agustín Urrutia; Mar Domingo; Antoni Bayes Genis. Long-Term Prognostic Value for Patients with Chronic Heart Failure of Estimated Glomerular Filtration Rate Calculated with the New CKD-EPI Equations Containing Cystatin C. CLINICAL CHEMISTRY. 60 - 3, pp. 481 - 489. 2014. ISSN 1530-8561

Type of production: Scientific paper

Position of signature: 9

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Corresponding author: Yes

- 728** Juan Sanchis; Pablo Avanzas; Antoni Bayes Genis; Leopoldo Pérez de Isla. Magda Heras i Fortuny, an indelible imprint on Revista Española de Cardiología. Revista española de cardiología (English ed.). 67 - 10, pp. 867 - 875. 2014. ISSN 1885-5857

Type of production: Scientific paper

- 729** Gianluca Arauz Garofalo; Víctor López Domínguez; Joan Manel Hernández; Oriol Rodríguez Leor; Antoni Bayés Genís; Juan M O'Callaghan; Antoni García Santiago; Javier Tejada. Microwave spectrometry for the evaluation of the structural integrity of metallic stents. Medical physics. 41 - 4, pp. 041902. 2014. ISSN 0094-2405

Type of production: Scientific paper

- 730** Cristina Prat Vidal; Carolina Gálvez Montón; Verónica Puig Sanvicens; Benjamin Sanchez; Idoia Díaz Güemes; Paco Bogónez Franco; Isaac Perea Gil; Anna Casas Solà; Santiago Roura; Aida Lluçà Valldeperas; Carolina Soler Botija; Francisco M Sánchez Margallo; Carlos E Semino; Ramon Bragos; Antoni Bayes Genis. Online monitoring of myocardial bioprosthesis for cardiac repair. International journal of cardiology. 174 - 3, pp. 654 - 715. 2014. ISSN 1874-1754

Type of production: Scientific paper

- 731** Julio Núñez; Eduardo Núñez; Vicent Bodí; Antoni Bayés Genís; Juan Sanchis. Optimal decongestive therapy in acute decompensated heart failure syndromes: far from being solved. International journal of cardiology. 174 - 2, pp. 457 - 465. 2014. ISSN 1874-1754

Type of production: Scientific paper

- 732** Lluçà-Valldeperas A; Sanchez B; Soler-Botija C; Gálvez-Montón C; Roura S; Prat-Vidal C; Perea-Gil I; Rosell-Ferrer J; Bragos R; Bayes-Genis A. Physiological conditioning by electric field stimulation promotes cardiomyogenic gene expression in human cardiomyocyte progenitor cells. Stem cell research & therapy. 2014.

Type of production: Scientific paper

Format: Journal

- 733** Aida Lluçà Valldeperas; Benjamin Sanchez; Carolina Soler Botija; Carolina Gálvez Montón; Santiago Roura; Cristina Prat Vidal; Isaac Perea Gil; Javier Rosell Ferrer; Ramon Bragos; Antoni Bayes Genis. Physiological conditioning by electric field stimulation promotes cardiomyogenic gene expression in human cardiomyocyte progenitor cells. Stem cell research & therapy. 5 - 4, pp. 93. 2014. ISSN 1757-6512

Type of production: Scientific paper

- 734** Ana B Méndez; Jordi Ordoñez Llanos; Andreu Ferrero; Mariana Noguero; Teresa Mir; Josefina Mora; Antoni Bayes Genis; Sònia Mirabet; Juan Cinca; Eulàlia Roig. Prognostic value of increased carbohydrate antigen in patients with heart failure. World journal of cardiology. 6 - 4, pp. 205 - 217. (China): 2014. ISSN 1949-8462

Type of production: Scientific paper



- 735** Teresa Oliveras Vilà; Marc Ferrer Massot; Antoni Curós Abadal; Ferran Rueda Sobella; Jordi Serra Flores; Xavier Carrillo Suárez; Antoni Bayes Genis. Real-life use of the polypill components (ASA+ACEI+statins) after an acute coronary syndrome and long-term mortality. *International journal of cardiology*. 177 - 1, pp. 209 - 219. 2014. ISSN 1874-1754

Type of production: Scientific paper

- 736** Elisabet Zamora; Josep Lupón; Marta de Antonio; Amparo Galán; Mar Domingo; Agustín Urrutia; Maribel Troya; Antoni Bayes Genis. Renal function largely influences Galectin-3 prognostic value in heart failure. *International journal of cardiology*. 177 - 1, pp. 171 - 178. 2014. ISSN 1874-1754

Type of production: Scientific paper

- 737** Rodriguez-Leor, Oriol; Fernandez-Nofrerias, Eduard; Carrillo, Xavier; Mauri, Josepa; Labata, Carlos; Oliete, Carolina; del Carmen Rivas, Maria; Bayes-Genis, Antoni. Results of Primary Percutaneous Coronary Intervention in Patients >= 75 Years Treated by the Transradial Approach. *AMERICAN JOURNAL OF CARDIOLOGY*. 113 - 3, pp. 452 - 456. 2014.

Type of production: Scientific paper

Format: Journal

- 738** Avanzas, Pablo; Bayes-Genis, Antoni; Perez de Isla, Leopoldo; Sanchis, Juan; Heras, Magda. Summary of the Clinical Studies Reported in the Annual Scientific Sessions of the American Heart Association (Dallas, Texas, United States, November 16-20, 2013). *REVISTA ESPANOLA DE CARDIOLOGIA*. 67 - 2, pp. E1 - E9. 2014.

Type of production: Scientific paper

Format: Journal

- 739** Carol A; Bernet M; Curós A; Rodríguez-Leor O; Serra J; Fernández-Nofrerías E; Mauri J; Bayes-Genís A. Thrombus age, clinical presentation, and reperfusion grade in myocardial infarction. *Cardiovascular pathology : the official journal of the Society for Cardiovascular Pathology*. 2014.

Type of production: Scientific paper

Format: Journal

- 740** Santiago Roura; Carolina Gálvez Montón; Antoni Bayes Genis. Umbilical cord blood-derived mesenchymal stem cells: new therapeutic weapons for idiopathic dilated cardiomyopathy?. *International journal of cardiology*. 177 - 3, pp. 809 - 827. 2014. ISSN 1874-1754

Type of production: Scientific paper

- 741** Lori B Daniels; Antoni Bayes Genis. Using ST2 in cardiovascular patients: a review. *Future cardiology*. 10 - 4, pp. 525 - 564. 2014. ISSN 1744-8298

Type of production: Scientific paper

- 742** Lupon, J.; De Antonio, M.; Vila, J.; Penafiel, J.; Galan, A.; Zamora, E.; Urrutia, A.; Gonzalez, B.; Cabanes, R.; Bayes-Genis, A.. A novel heart failure risk tool: the BCN Bio-HF calculator. *EUROPEAN HEART JOURNAL*. 34, pp. 290 - 290. 2013.

Type of production: Scientific paper

Format: Journal

- 743** Sanchis, Juan; Bayes-Genis, Antoni; Perez de Isla, Leopoldo. Acute Coronary Syndromes in 2011 and 2012. *ARQUIVOS BRASILEIROS DE CARDIOLOGIA*. 101 - 5, pp. 473 - 473. 2013. ISSN 0066-782X

Type of production: Scientific paper

Format: Journal

- 744** Galves-Monton, Carolina; Bayes-Genis, Antoni. Additional history on myocardial infarction, from the seventeenth century to the present. *EUROPEAN HEART JOURNAL*. 34 - 22, pp. 1614 - 1614. 2013. ISSN 0195-668X

Type of production: Scientific paper

Format: Journal

- 745** Baranchuk, Adrian; Villuendas, Roger; Bayes-Genis, Antoni; Goldwasser, Diego; Chiale, Pablo; Bayes de Luna, Antoni. Advanced interatrial block: a well-defined electrocardiographic pattern with clinical arrhythmological implications. *EUROPACE*. 15 - 12, pp. 1822 - 1822. 2013.

Type of production: Scientific paper

Format: Journal



- 746** Gonzalez, Beatriz; Cabanes, Roser; Cano, Lucia; Domingo, Mar; Lupon, Josep; Bayes-Genis, Antoni. Analysis of Telephone Calls to a Heart Failure Unit: Reasons for the Call and Resource Use. REVISTA ESPANOLA DE CARDIOLOGIA. 66 - 11, pp. 914 - 915. 2013. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 747** Santos-Pardo, Irene; Martinez-Morillo, Melania; Villuendas, Roger; Bayes-Genis, Antoni. Anti-Ro Antibodies and Reversible Atrioventricular Block. NEW ENGLAND JOURNAL OF MEDICINE. 368 - 24, pp. 2335 - 2337. 2013. ISSN 0028-4793
Type of production: Scientific paper **Format:** Journal
Position of signature: 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4 **Corresponding author:** Yes
- 748** Bago, Juli R.; Soler-Botija, Carolina; Casani, Laura; Aguilar, Elisabeth; Alieva, Maria; Rubio, Nuria; Bayes-Genis, Antoni; Blanco, Jeronimo. Bioluminescence imaging of cardiomyogenic and vascular differentiation of cardiac and subcutaneous adipose tissue-derived progenitor cells in fibrin patches in a myocardium infarct model. INTERNATIONAL JOURNAL OF CARDIOLOGY. 169 - 4, pp. 288 - 295. 2013.
Type of production: Scientific paper **Format:** Journal
- 749** Roura, Santiago; Galvez-Monton, Carolina; Bayes-Genis, Antoni. Bioluminescence imaging: a shining future for cardiac regeneration. JOURNAL OF CELLULAR AND MOLECULAR MEDICINE. 17 - 6, pp. 693 - 703. 2013. ISSN 1582-1838
Type of production: Scientific paper **Format:** Journal
- 750** Galvez-Monton, Carolina; Prat-Vidal, Cristina; Roura, Santiago; Soler-Botija, Carolina; Bayes-Genis, Antoni. Cardiac Tissue Engineering and the Bioartificial Heart. REVISTA ESPANOLA DE CARDIOLOGIA. 66 - 5, pp. 391 - 399. 2013. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 751** Bayes-Genis A; Gálvez-Montón C; Prat-Vidal C; Soler-Botija C. Cardiac adipose tissue: a new frontier for cardiac regeneration?. International journal of cardiology. 2013.
Type of production: Scientific paper **Format:** Journal
- 752** Fernandez-Nofrerias, Eduard; Rodriguez-Leor, Oriol; Carrillo, Xavier; Mauri, Josepa; Labata, Carlos; Oliete, Carolina; Rivas, Carmen; Bayes-Genis, Antoni. Clinical characteristics, procedural and clinical outcome of patients treated with PCI for definitive stent thrombosis: a 12 years single centre experience. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 62 - 18, pp. B146 - B146. 2013.
Type of production: Scientific paper **Format:** Journal
- 753** Lupon, Josep; de Antonio, Marta; Galan, Amparo; Vila, Joan; Zamora, Elisabet; Urrutia, Agustin; Bayes-Genis, Antoni. Combined Use of the Novel Biomarkers High-Sensitivity Troponin T and ST2 for Heart Failure Risk Stratification vs Conventional Assessment. MAYO CLINIC PROCEEDINGS. 88 - 3, pp. 234 - 243. 2013. ISSN 0025-6196
Type of production: Scientific paper **Format:** Journal
- 754** Chachques, Juan C; Pradas, Manuel Monleon; Bayes-Genis, Antoni; Semino, Carlos. Creating the bioartificial myocardium for cardiac repair: challenges and clinical targets. Expert review of cardiovascular therapy. 11 - 12, pp. 1701 - 11. 2013. ISSN 1744-8344
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0



- 755** Díez-Quevedo C; Lupón J; Lupón J; González B; Urrutia A; Cano L; Cabanes R; Altimir S; Coll R; Pascual T; de Antonio M; Bayes-Genis A. Depression, antidepressants, and long-term mortality in heart failure. *International journal of cardiology*. 2013.

Type of production: Scientific paper

Format: Journal

- 756** Beatriz González; Josep Lupón; Maria Del Mar Domingo; Lucía Cano; Roser Cabanes; Marta de Antonio; Miquel Arenas; Eva Crespo; Margarita Rodríguez; Antoni Bayes Genis. Educational level and self-care behaviour in patients with heart failure before and after nurse educational intervention. *European journal of cardiovascular nursing : journal of the Working Group on Cardiovascular Nursing of the European Society of Cardiology*. 2013. ISSN 1873-1953

Type of production: Scientific paper

- 757** Gastelurrutia, Paloma; Lupon, Josep; Altimir, Salvador; de Antonio, Marta; Gonzalez, Beatriz; Cabanes, Roser; Cano, Lucia; Urrutia, Agustin; Domingo, Mar; Zamora, Elisabet; Díez, Crisanto; Coll, Ramon; Bayes-Genis, Antoni. Effect of Fragility on Quality of Life in Patients With Heart Failure. *AMERICAN JOURNAL OF CARDIOLOGY*. 112 - 11, pp. 1785 - 1789. 2013.

Type of production: Scientific paper

Format: Journal

- 758** Martínez-Morillo, M.; Junca, G.; Santos, I.; Salvador, I.; Roger, V.; Perefferrer, D.; Tejera Segura, B.; Bayes-Genis, A.; Olive Marques, A.. HEART BLOCK IN THE YOUNG: SHOULD WE CONSIDER AN INFLAMMATORY RHEUMATISM?. *ANNALS OF THE RHEUMATIC DISEASES*. 72, pp. 914 - 914. 2013.

Type of production: Scientific paper

Format: Journal

- 759** de Antonio, Marta; Lupon, Josep; Galan, Arnpa; Vila, Joan; Zamora, Elisabet; Urrutia, Agustin; Díez, Crisanto; Coll, Ramon; Altimir, Salvador; Bayes-Genis, Antoni. Head-to-head comparison of high-sensitivity troponin T and sensitive-contemporary troponin I regarding heart failure risk stratification. *CLINICA CHIMICA ACTA*. 426, pp. 18 - 24. 2013.

Type of production: Scientific paper

Format: Journal

- 760** De Antonio, M.; Lupon, J.; Domingo, M.; Zamora, E.; Gonzalez, B.; Cano, L.; Urrutia, A.; Díez, C.; Altimir, S.; Bayes-Genis, A.. Heart rate and long-term mortality according to the presence of sinus rhythm or atrial fibrillation in heart failure patients. *EUROPEAN HEART JOURNAL*. 34, pp. 298 - 299. 2013.

Type of production: Scientific paper

Format: Journal

- 761** Revuelta-Lopez, Elena; Castellano, Jose; Roura, Santiago; Galvez-Monton, Carolina; Nasarre, Laura; Benitez, Sonia; Bayes-Genis, Antoni; Badimon, Lina; Llorente-Cortes, Vicenta. Hypoxia Induces Metalloproteinase-9 Activation and Human Vascular Smooth Muscle Cell Migration Through Low-Density Lipoprotein Receptor-Related Protein 1-Mediated Pyk2 Phosphorylation. *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*. 33 - 12, pp. 2877 - 2887. 2013.

Type of production: Scientific paper

Format: Journal

- 762** Prat-Vidal, Cristina; Galvez-Monton, Carolina; Nonell, Lara; Puigdecenet, Eulalia; Astier, Laura; Sole, Francesc; Bayes-Genis, Antoni. Identification of Temporal and Region-Specific Myocardial Gene Expression Patterns in Response to Infarction in Swine. *PLOS ONE*. 8 - 1, 2013. ISSN 1932-6203

Type of production: Scientific paper

Format: Journal

- 763** Prat-Vidal C; Gálvez-Montón C; Nonell L; Puigdecenet E; Astier L; Solé F; Bayes-Genis A. Identification of temporal and region-specific myocardial gene expression patterns in response to infarction in swine. *PloS one*. 2013.

Type of production: Scientific paper

Format: Journal

- 764** Roura Ferrer, S.; Perez-Quevedo, R. C.; Galvez-Monton, C.; Nasarre, L.; Marti, V.; Astier, L.; Bayes-Genis, A.; Llorente-Cortes, V.. Idiopathic dilated cardiomyopathy shows increased distribution of low-density lipoprotein receptor-related protein 1 into membrane lipid rafts. *EUROPEAN HEART JOURNAL*. 34, pp. 508 - 509. 2013.

Type of production: Scientific paper

Format: Journal



- 765** Avanzas, Pablo; Bayes-Genis, Antoni; Perez de Isla, Leopoldo; Sanchis, Juan; Heras, Magda. Innovation in Cardiology: Introduction. REVISTA ESPANOLA DE CARDIOLOGIA. 66 - 2, pp. 133 - 133. 2013. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 766** Rodriguez-Leor, Oriol; Fernandez-Nofrerias, Eduard; Mauri, Josepa; Carrillo, Xavier; Salvatella, Neus; Curos, Antoni; Serra, Jordi; Oliete, Carolina; Rivas, Carmen; Bayes-Genis, Antoni. Integration of a local into a regional primary angioplasty action plan (the Catalan Codi Infart network) reduces time to reperfusion. INTERNATIONAL JOURNAL OF CARDIOLOGY. 168 - 4, pp. 4354 - 4357. 2013.
Type of production: Scientific paper **Format:** Journal
- 767** Poppe, Katrina K.; Squire, Iain B.; Whalley, Gillian A.; Kober, Lars; McAlister, Finlay A.; McMurray, John J. V.; Pocock, Stuart; Earle, Nikki J.; Berry, Colin; Doughty, Robert N.. Known and missing left ventricular ejection fraction and survival in patients with heart failure: a MAGGIC meta-analysis report. EUROPEAN JOURNAL OF HEART FAILURE. 15 - 11, pp. 1220 - 1227. Meta-Anal Global Grp Chronic Heart, 2013.
Type of production: Scientific paper **Format:** Journal
- 768** Nasarre L; Juan-Babot O; Gastelurrutia P; Lluicia-Valldeperas A; Badimon L; Bayes-Genis A; Llorente-Cortés V. Low density lipoprotein receptor-related protein 1 is upregulated in epicardial fat from type 2 diabetes mellitus patients and correlates with glucose and triglyceride plasma levels. Acta diabetologica. 2013.
Type of production: Scientific paper **Format:** Journal
- 769** Soler-Botija, C.; Galvez-Monton, C.; Prat-Vidal, C.; Roura, S.; Bayes-Genis, A.. MYOCARDIAL BIOPROSTHESIS: MIMICKING NATURE. DRUGS OF THE FUTURE. 38 - 7, pp. 475 - 484. 2013. ISSN 0377-8282
Type of production: Scientific paper **Format:** Journal
- 770** Garcia-Alonso, Carlos J.; Ferrer, Elena; Vallejo, Nuria; Delgado, Luis; Luisa Pedro-Botet, Maria; Ruyra, Xavier; Bayes-Genis, Antoni. Mitral valve repair in the course of active infectious endocarditis. Study of four patients. MEDICINA CLINICA. 140 - 11, pp. 504 - 507. 2013. ISSN 0025-7753
Type of production: Scientific paper **Format:** Journal
- 771** Bayes-Genis, A.; Lupon, J.; Lenders, J.; Pinto-Sietsma, S. J.; Pinto, Y. M.. Multiple circulating microRNAs improve prognostication in subjects with stable heart failure. EUROPEAN HEART JOURNAL. 34, pp. 133 - 133. 2013.
Type of production: Scientific paper **Format:** Journal
- 772** Roura, Santiago; Galvez-Monton, Carolina; Pujal, Josep M.; Casani, Laura; Fernandez, Marco A.; Astier, Laura; Gastelurrutia, Paloma; Domingo, Maite; Prat-Vidal, Cristina; Soler-Botija, Carolina; Lluicia-Valldeperas, Aida; Llorente-Cortes, Vicenta; Bayes-Genis, Antoni. New insights into lipid raft function regulating myocardial vascularization competency in human idiopathic dilated cardiomyopathy. ATHEROSCLEROSIS. 230 - 2, pp. 354 - 364. 2013. ISSN 0021-9150
Type of production: Scientific paper **Format:** Journal
- 773** Gálvez-Montón C; Prat-Vidal C; Roura S; Soler-Botija C; Lluçia-Valldeperas A; Díaz-Güemes I; Sánchez-Margallo FM; Bayes-Genis A. Post-infarction scar coverage using a pericardial-derived vascular adipose flap. Pre-clinical results. International journal of cardiology. 2013.
Type of production: Scientific paper **Format:** Journal
- 774** Alcalde, Oscar; Villuendas, Roger; Pereferrer, Damia; Sarrias, Axel; Bayes-Genis, Antoni. Pseudoatrial Fibrillation during Pacemaker Interrogation: What is the Mechanism?. PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY. 36 - 6, pp. 695 - 698. 2013. ISSN 0147-8389
Type of production: Scientific paper **Format:** Journal



- 775** Lupón J; Lupón J; Gastelurrutia P; de Antonio M; González B; Cano L; Cabanes R; Urrutia A; Díez C; Coll R; Altimir S; Bayes-Genis A. Quality of life monitoring in ambulatory heart failure patients: temporal changes and prognostic value. *European journal of heart failure*. 2013.
Type of production: Scientific paper **Format:** Journal
- 776** Avanzas, Pablo; Bayes-Genis, Antoni; Perez de Isla, Leopoldo; Sanchis, Juan; Heras, Magda. *Revista Espanola de Cardiologia: Keeping Its Finger on the Pulse of the Digital Age*. REVISTA ESPANOLA DE CARDIOLOGIA. 66 - 12, pp. 996 - 998. 2013.
Type of production: Scientific paper **Format:** Journal
- 777** Souto, Juan C.; Ruyra, Xavier; Bayes-Genis, Antoni. Self-management of Vitamin K Antagonists Is More Cost-effective Than Dabigatran for Stroke Prevention in Nonvalvular Atrial Fibrillation in Spain. *REVISTA ESPANOLA DE CARDIOLOGIA*. 66 - 6, pp. 510 - 511. 2013. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 778** Bayes-Genis, Antoni; Zamora, Elisabet; De Antonio, Marta; Galan, Amparo; Vila, Joan; Urrutia, Agustin; Diez, Crisanto; Coll, Ramon; Altimir, Salvador; Lupon, Josep. Soluble ST2 Serum Concentration and Renal Function in Heart Failure. *JOURNAL OF CARDIAC FAILURE*. 19 - 11, pp. 768 - 775. 2013.
Type of production: Scientific paper **Format:** Journal
- 779** Pascual-Figal, Domingo A.; Caballero, Luis; Bayes-Genis, Antoni; Gonzalez-Juanatey, Jose R.; Vazquez, Rafael; Bayes de Luna, Antoni; Cinca, Juan. Spironolactone in mild chronic heart failure: Insights from a propensity-matched analysis of the MUSIC study cohort. *INTERNATIONAL JOURNAL OF CARDIOLOGY*. 168 - 4, pp. 4525 - U1521. MUSIC Investigators, 2013.
Type of production: Scientific paper **Format:** Journal
- 780** Gastelurrutia, Paloma; Lupon, Josep; Bayes-Genis, Antoni. Statins in heart failure: not yet the end of the story?. *EUROPEAN JOURNAL OF HEART FAILURE*. 15 - 6, pp. 708 - 709. 2013. ISSN 1388-9842
Type of production: Scientific paper **Format:** Journal
- 781** Roura S; Gálvez-Montón C; Bayes-Genis A. The challenges for cardiac vascular precursor cell therapy: lessons from a very elusive precursor. *Journal of vascular research*. 2013.
Type of production: Scientific paper **Format:** Journal
- 782** Santiago Roura; Carolina Gálvez Montón; Antoni Bayes Genis. The challenges for cardiac vascular precursor cell therapy: lessons from a very elusive precursor. *Journal of vascular research*. 50 - 4, pp. 304 - 327. (Switzerland): 2013. ISSN 1423-0135
Type of production: Scientific paper
- 783** Silva, Joana D.; Carrillo, Xavier; Salvatella, Neus; Fernandez-Nofrerias, Eduard; Rodriguez-Leor, Oriol; Mauti, Josepa; Bayes-Genis, Aritoni. The utility of stent enhancement to guide percutaneous coronary intervention for bifurcation lesions. *EUROINTERVENTION*. 9 - 8, pp. 968 - 974. 2013.
Type of production: Scientific paper **Format:** Journal
- 784** Rodriguez-Leor, Oriol; Fernandez-Nofrerias, Eduard; Carrillo, Xavier; Mauri, Josepa; Oliete, Carolina; del Carmen Rivas, Maria; Bayes-Genis, Antoni. Transradial percutaneous coronary intervention in cardiogenic shock: A single-center experience. *AMERICAN HEART JOURNAL*. 165 - 3, pp. 280 - 285. 2013. ISSN 0002-8703
Type of production: Scientific paper **Format:** Journal
- 785** Pérez de Isla L; Bayes-Genis A; Avanzas P. [Joint evolution of cardiovascular imaging techniques and their publications]. *Archivos de cardiologia de Mexico*. 2013.
Type of production: Scientific paper **Format:** Journal



- 786** Perez de Isla, Leopoldo; Bayes-Genis, Antoni; Avanzas, Pablo. [Joint evolution of cardiovascular imaging techniques and their publications]. Archivos de cardiología de Mexico. 83 - 3, pp. 233 - 4. 2013. ISSN 1405-9940
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 787** Garcia-Alonso, Carlos J; Ferrer, Elena; Vallejo, Nuria; Delgado, Luis; Pedro-Botet, Maria Luisa; Ruyra, Xavier; Bayes-Genis, Antoni. [Mitral valve repair in the course of active infectious endocarditis. Study of four patients]. Medicina clinica. 140 - 11, pp. 504 - 7. 2013. ISSN 0025-7753
Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 788** C Soler-Botija; JR Bagó; A Bayes-Genis. A bird's eye view of cell therapy and tissue engineering for cardiac regeneration. Annals New York Academy Sciences. 2012. ISSN 0077-8923
Type of production: Scientific paper **Format:** Journal
Impact source: ISI
Impact index in year of publication: 4.375
- 789** Soler-Botija C; Bagó JR; Bayes-Genis A. A bird's-eye view of cell therapy and tissue engineering for cardiac regeneration. Annals of the New York Academy of Sciences. 2012.
Type of production: Scientific paper **Format:** Journal
- 790** Heras, M.; Solanes, N.; Roura, S.; Roque, M.; Dantas, A. R.; Martorell, J.; Sitges, M.; Ramirez, J.; Bayes-Genis, A.; Rigol Muxart, M.. Alogeneic adipose tissue-derived stem cells in myocardial infarction: immune response and timing of administration. EUROPEAN HEART JOURNAL. 33, pp. 436 - 436. 2012.
Type of production: Scientific paper **Format:** Journal
- 791** De Antonio, M.; Lupon, J.; Comin, J.; Galan, A.; Gonzalez, B.; Cano, L.; Cabanes, R.; Urrutia, A.; Zamora, E.; Bayes-Genis, A.. Are functional and absolute iron deficiencies equally detrimental in heart failure?. EUROPEAN HEART JOURNAL. 33, pp. 666 - 666. 2012. Available on-line at: <Congress of the European-Society-of-Cardiology (ESC)>. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 792** Antoni Bayes-Genis; Pablo Avanzas; Leopoldo Perez de Isla; Juan Sanchis; Magda Heras. Arrhythmias: Introduction. REVISTA ESPANOLA DE CARDIOLOGIA. 65 - 1, pp. 91 - 91. 2012. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 793** Bayes-Genis A; Avanzas P; de Isla LP; Sanchis J; Heras M. Arrhythmias: introduction. Revista Espanola De Cardiologia (English Ed.). 2012.
Type of production: Scientific paper **Format:** Journal
- 794** Monasterio V; Laguna P; Cygankiewicz I; Vázquez R; Bayés-Genís A; de Luna AB; Martínez JP. Average T-wave alternans activity in ambulatory ECG records predicts sudden cardiac death in patients with chronic heart failure. Heart rhythm. 2012.
Type of production: Scientific paper **Format:** Journal
- 795** Antoni Bayes-Genis; Marta de Antonio; Amparo Galan; Hector Sanz; Agustin Urrutia; Roser Cabanes; Lucia Cano; Beatriz Gonzalez; Cristanto Diez; Teresa Pascual; Roberto Elosua; Josep Lupon. Combined use of high-sensitivity ST2 and NTproBNP to improve the prediction of death in heart failure. EUROPEAN JOURNAL OF HEART FAILURE. 14 - 1, pp. 32 - 38. 2012. ISSN 1388-9842
Type of production: Scientific paper **Format:** Journal



- 796** de Antonio M; Lupon J; Lupon J; Galan A; Vila J; Urrutia A; Bayes-Genis A. Combined use of high-sensitivity cardiac troponin T and N-terminal pro-B type natriuretic peptide improves measurements of performance over established mortality risk factors in chronic heart failure. *American heart journal*. 2012.
Type of production: Scientific paper **Format:** Journal
- 797** Gastelurrutia P; Gastelurrutia MA; Faus MJ; Bayes-Genis A. Common health problems management uncertainties in heart failure: a qualitative study. *Farmacia hospitalaria : organo oficial de expresion cientifica de la Sociedad Espanola de Farmacia Hospitalaria*. 2012.
Type of production: Scientific paper **Format:** Journal
- 798** Cardona M; Mirabet S; Martín V; Martí V; Sabaté M; Bayés-Genís A. Comparison of restenosis rate of bare-metal and drug-eluting stents in cardiac allograft vasculopathy. *Medicina Clinica*. 2012.
Type of production: Scientific paper **Format:** Journal
- 799** Heras M; Avanzas P; Bayes-Genis A; de Isla LP; Sanchis J. Current Topics in Cardiology in 2011. Introduction: developments in 2011. *Revista Espanola De Cardiologia (English Ed.)*. 2012.
Type of production: Scientific paper **Format:** Journal
- 800** Zamora, E.; Lupon, J.; De Antonio, M.; Vila, J.; Galan, A.; Urrutia, A.; Gonzalez, B.; Cano, L.; Altimir, S.; Bayes-Genis, A.. Cystatin-C in chronic heart failure: prognostic significance alone and together with estimated glomerular filtration. *EUROPEAN HEART JOURNAL*. 33, pp. 646 - 647. 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 14.097 **Journal in the top 25%:** Yes
- 801** C. Castells-Sala; T. Fernandez Muinos; L. Recha-Sancho; M. Arnal; C. Soler-Botija; B. Sanchez; M. Monleon Pradas; A. Bayes-Genis; R. Bragos; C. E. Semino. Development of new bioactive implant to assist cardiac tissue regeneration (EU RECATABI Project). *JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE*. 6 - 1, SI, pp. 106 - 106. 2012. ISSN 1932-6254
Type of production: Scientific paper **Format:** Journal
- 802** Zamora, Elisabet; Lupon, Josep; Vila, Joan; Urrutia, Agustin; de Antonio, Marta; Sanz, Hector; Grau, Maria; Ara, Jordi; Bayes-Genis, Antoni. Estimated Glomerular Filtration Rate and Prognosis in Heart Failure Value of the Modification of Diet in Renal Disease Study-4, Chronic Kidney Disease Epidemiology Collaboration, and Cockcroft-Gault Formulas. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 59 - 19, pp. 1709 - 1715. 2012. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
Position of signature: 9 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9 **Corresponding author:** Yes
- 803** Zamora E; Lupón J; Lupón J; Vila J; Urrutia A; de Antonio M; Sanz H; Grau M; Ara J; Bayés-Genís A. Estimated glomerular filtration rate and prognosis in heart failure: value of the Modification of Diet in Renal Disease Study-4, chronic kidney disease epidemiology collaboration, and cockcroft-gault formulas. *Journal of the American College of Cardiology*. 2012.
Type of production: Scientific paper **Format:** Journal
- 804** Domingo, Mar; Lupon, Josep; Gonzalez, Beatriz; Crespo, Eva; Lopez, Raul; Ramos, Anna; Urrutia, Agustan; Pera, Guillem; Verdu, Jose Ma; Bayes-Genis, Antoni. Evaluation of a telemedicine system for heart failure patients: feasibility, acceptance rate, satisfaction and changes in patient behavior: results from the CARME (Catalan Remote Management Evaluation) study. *EUROPEAN JOURNAL OF CARDIOVASCULAR NURSING*. 11 - 4, pp. 410 - 418. 2012. ISSN 1474-5151
Type of production: Scientific paper **Format:** Journal



Source of citations: WOS

Citations: 0

- 805** Pujal JM; Roura S; Muñoz-Marmol AM; Mate JL; Bayes-Genis A. Fetal-maternal interface: a chronicle of allogeneic coexistence. *Chimerism*. 2012.
Type of production: Scientific paper **Format:** Journal
- 806** Martínez-Sellés M; Doughty RN; Poppe K; Whalley GA; Earle N; Tribouilloy C; McMurray JJ; Swedberg K; Køber L; Berry C; Squire I; Meta-Analysis Global Group In Chronic Heart Failure (MAGGIC). Gender and survival in patients with heart failure: interactions with diabetes and aetiology. Results from the MAGGIC individual patient meta-analysis. *European journal of heart failure*. 2012.
Type of production: Scientific paper **Format:** Journal
- 807** Roura Ferrer, S.; Rodriguez Bago, J.; Soler-Botija, C.; Pujal, J. M.; Galvez-Monton, C.; Prat-Vidal, C.; Llucia-Valldeperas, A.; Blanco, J.; Bayes-Genis, A.. Human umbilical cord blood-derived mesenchymal stem cells induce vascular endothelial growth in vivo. *CARDIOVASCULAR RESEARCH*. 93, pp. S98 - S99. 2012. ISSN 0008-6363
Type of production: Scientific paper **Format:** Journal
- 808** Roura S; Bagó JR; Soler-Botija C; Pujal JM; Gálvez-Montón C; Prat-Vidal C; Llucà-Valldeperas A; Blanco J; Bayes-Genis A. Human umbilical cord blood-derived mesenchymal stem cells promote vascular growth in vivo. *PloS one*. 2012.
Type of production: Scientific paper **Format:** Journal
- 809** Soler-Botija, C.; Bago, J. R.; Llucia-Valldeperas, A.; Galvez-Monton, C.; Rubio, N.; Prat-Vidal, C.; Roura Ferrer, S.; Blanco, J.; Bayes-Genis, A.. In vivo non-invasive bioluminescence imaging monitoring of cTnI and CD31 gene expression in cardiac adipose tissue-derived progenitor cells (ATDPCs) implanted in a mouse model of myocardial infarction. *EUROPEAN HEART JOURNAL*. 33, pp. 425 - 425. 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 810** Bayés de Luna A; Platonov P; Cosio FG; Cygankiewicz I; Pastore C; Baranowski R; Bayés-Genis A; Guindo J; Viñolas X; Garcia-Niebla J; Barbosa R; Spodick D. Interatrial blocks. A separate entity from left atrial enlargement: a consensus report. *Journal of electrocardiology*. 2012.
Type of production: Scientific paper **Format:** Journal
- 811** Magda Heras; Pablo Avanzas; Antonio Bayes-Genis; Leopoldo Perez de Islab; Juan Sanchis. Introduction: News of 2011. *REVISTA ESPANOLA DE CARDIOLOGIA*. 65 - 1, pp. 1 - 3. 2012. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 812** Violeta Monasterio; Pablo Laguna; Iwona Cygankiewicz; Rafael Vazquez; Antoni Bayes-Genis; Antoni Bayes de Luna; Juan Pablo Martinez. Letter to the Editor-Average T-wave alternans activity in ambulatory electrocardiogram records: Commentary on the relationship with T-wave amplitude and T-wave alternans regional. *HEART RHYTHM*. 9 - 3, pp. E2 - E3. 2012. ISSN 1547-5271
Type of production: Scientific paper **Format:** Journal
- 813** Zamora E; Lupón J; Lupón J; de Antonio M; Vila J; Galán A; Gastelurrutia P; Urrutia A; Bayes-Genis A. Limited value of cystatin-C over estimated glomerular filtration rate for heart failure risk stratification. *PloS one*. 2012.
Type of production: Scientific paper **Format:** Journal
- 814** Platonov PG; Cygankiewicz I; Stridh M; Holmqvist F; Vazquez R; Bayes-Genis A; McNitt S; Zareba W; de Luna AB; MUSIC Trial Investigators. Low atrial fibrillatory rate is associated with poor outcome in patients with mild to moderate heart failure. *Circulation. Arrhythmia and electrophysiology*. 2012.
Type of production: Scientific paper **Format:** Journal



- 815** Jackson, C. E.; Doughty, R. N.; Poppe, K.; Squire, I.; Kober, L.; Andersson, B.; Bayes-Genis, A.; Tribouilloy, C.; Richards, A. M.; McMurray, J. J. V.. Lower pulse pressure predicts mortality in patients with heart failure with preserved (HF-PEF) and reduced left ventricular ejection fraction (HF-REF). EUROPEAN HEART JOURNAL. 33, pp. 649 - 650. MAGGIC Study Grp, 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 816** Lupon, J.; De Antonio, M.; Vila, J.; Galan, A.; Urrutia, A.; Zamora, E.; Cabanes, R.; Gonzalez, B.; Diez, C.; Bayes-Genis, A.. Must NT-proBNP be always included in a multimarker strategy for prognosis in heart failure?. EUROPEAN HEART JOURNAL. 33, pp. 647 - 648. 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 817** Galvez-Monton, Carolina; Ordonez-Llanos, Jordi; Bayes de Luna, Antoni; Bayes-Genis, Antoni. One hundred years of myocardial infarction. EUROPEAN HEART JOURNAL. 33 - 23, pp. 2888 - 2891. 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
Position of signature: 4 **Degree of contribution:** Author or co-author of review
Total no. authors: 4 **Corresponding author:** Yes
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 15,203 **Journal in the top 25%:** Yes
- 818** Gálvez-Montón C; Ordoñez-Llanos J; de Luna AB; Bayes-Genis A. One hundred years of myocardial infarction. European heart journal. 2012.
Type of production: Scientific paper **Format:** Journal
- 819** Tereshchenko, Larisa G.; Cygankiewicz, Iwona; McNitt, Scott; Vazquez, Rafael; Bayes-Genis, Antoni; Han, Lichy; Sur, Sanjoli; Couderc, Jean-Philippe; Berger, Ronald D.; de Luna, Antoni Bayes; Zareba, Wojciech. Predictive Value of Beat-to-Beat QT Variability Index Across the Continuum of Left Ventricular Dysfunction Competing Risks of Noncardiac or Cardiovascular Death and Sudden or Nonsudden Cardiac Death. CIRCULATION-ARRHYTHMIA AND ELECTROPHYSIOLOGY. 5 - 4, pp. 719 - 727. 2012. ISSN 1941-3149
Type of production: Scientific paper **Format:** Journal
- 820** Tereshchenko LG; Cygankiewicz I; McNitt S; Vazquez R; Bayes-Genis A; Han L; Sur S; Couderc JP; Berger RD; de Luna AB; Zareba W. Predictive value of beat-to-beat QT variability index across the continuum of left ventricular dysfunction: competing risks of noncardiac or cardiovascular death and sudden or nonsudden cardiac death. Circulation. Arrhythmia and electrophysiology. 2012.
Type of production: Scientific paper **Format:** Journal
- 821** De Antonio, M.; Lupon, J.; Galan, A.; Vila, J.; Urrutia, A.; Zamora, E.; Cano, L.; Gonzalez, B.; Diez, C.; Bayes-Genis, A.. Prognostic value of hs-troponin T versus hs-troponin I in chronic heart failure. EUROPEAN HEART JOURNAL. 33, pp. 648 - 649. 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 822** Bayes-Genis, A.; De Antonio, M.; Galan, A.; Urrutia, A.; Zamora, E.; Cabanes, R.; Cano, L.; Diez, C.; Coll, R.; Lupon, J.. Relationship between high sensitivity ST2 levels and renal function in heart failure. EUROPEAN HEART JOURNAL. 33, pp. 1092 - 1092. 2012. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
- 823** Rusinaru D; Tribouilloy C; Berry C; Richards AM; Whalley GA; Earle N; Poppe KK; Guazzi M; Macin SM; Komajda M; Doughty RN; MAGGIC Investigators. Relationship of serum sodium concentration to mortality in a wide spectrum of heart failure patients with preserved and with reduced ejection fraction: an individual patient data meta-analysis(†): Meta-Analysis Global Group in Chronic heart failure (MAGGIC). European journal of heart failure. 2012.
Type of production: Scientific paper **Format:** Journal



- 824** McAlister FA; Ezekowitz J; Tarantini L; Squire I; Komajda M; Bayes-Genis A; Gotsman I; Whalley G; Earle N; Poppe KK; Doughty RN; Meta-analysis Global Group in Chronic Heart Failure (MAGGIC) Investigat. Renal dysfunction in patients with heart failure with preserved versus reduced ejection fraction: impact of the new Chronic Kidney Disease-Epidemiology Collaboration Group formula. *Circulation. Heart failure*. 2012.
Type of production: Scientific paper **Format:** Journal
- 825** Xavier Carrillo; Josepa Mauri; Eduard Fernandez-Nofrerias; Oriol Rodriguez-Leor; Antoni Bayes-Genis. Safety and Efficacy of Transradial Access in Coronary Angiography: 8-Year Experience. *JOURNAL OF INVASIVE CARDIOLOGY*. 24 - 7, pp. 346 - 351. 2012. ISSN 1042-3931
Type of production: Scientific paper **Format:** Journal
- 826** Paloma Gastelurrutia; Josep Lupon; Marta de Antonio; Agustin Urrutia; Crisanto Diez; Ramon Coll; Salvador Altimir; Antoni Bayes-Genis. Statins in Heart Failure: The Paradox Between Large Randomized Clinical Trials and Real Life. *MAYO CLINIC PROCEEDINGS*. 87 - 6, pp. 555 - 560. 2012. ISSN 0025-6196
Type of production: Scientific paper **Format:** Journal
- 827** Pablo Avanzas; Antoni Bayes-Genis; Leopoldo Perez de Isla; Juan Sanchis; Magda Heras. Summary of the Clinical Studies Reported in the Annual Scientific Sessions of the American College of Cardiology (Chicago, Illinois, United States, March 24-27, 2012). *REVISTA ESPANOLA DE CARDIOLOGIA*. 65 - 6, pp. E1+ - E1+. 2012. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 828** Meta-analysis Global Group in Chronic Heart Failure (MAGGIC). The survival of patients with heart failure with preserved or reduced left ventricular ejection fraction: an individual patient data meta-analysis. *European heart journal*. 2012.
Type of production: Scientific paper **Format:** Journal
- 829** Sanchez B; Guasch A; Bogonez P; Galvez C; Puig V; Prat C; Semino CE; Bayes-Genis A; Bragos R. Towards on line monitoring the evolution of the myocardium infarction scar with an implantable electrical impedance spectrum monitoring system. Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2012.
Type of production: Scientific paper **Format:** Journal
- 830** Rodriguez-Leor, Oriol; Fernandez-Nofrerias, Eduard; Carrillo, Xavier; Mauri, Josepa; Oliete, Carolina; Rivas, Carmen; Bayes-Genis, Antoni. Transradial approach decreases in-hospital mortality in patients with cardiogenic shock. A single-center experience. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 60 - 17, pp. B116 - B116. 2012. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
- 831** S Roura; JM Pujal; A Bayes-Genis. Umbilical cord blood for cardiovascular cell therapy: From promise to fact. *Annals New York Academy Sciences*. 2012.
Type of production: Scientific paper **Format:** Journal
- 832** Gastelurrutia P; Lupón J; Lupón J; Bayes-Genis A. Undernourishment and prognosis in heart failure. *Revista Espanola De Cardiologia (English Ed.)*. 2012.
Type of production: Scientific paper **Format:** Journal
- 833** Magda Heras; Pablo Avanzas; Antoni Bayes-Genis; Leopoldo Perez de Isla; Juan Sanchis. 2011 Annual Summary. Another Meeting With Our Readers. *REVISTA ESPANOLA DE CARDIOLOGIA*. 64 - 12, pp. 1207 - 1214. 2011. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal



- 834** Xavier Carrillo; Antoni Curos; Robert Muga; Jordi Serra; Arantza Sanvisens; Antoni Bayes-Genis. Acute coronary syndrome and cocaine use: 8-year prevalence and in-hospital outcomes. EUROPEAN HEART JOURNAL. 32 - 10, pp. 1244 - 1250. 2011. ISSN 0195-668X
Type of production: Scientific paper
Position of signature: 6
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 15,203
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Journal in the top 25%: Yes
- 835** Rodríguez-Leor O; Fernández-Nofrerías E; Mauri F; Salvatella N; Carrillo X; Curós A; Serra J; Valle V; Bayes-Genis A. Analysis of reperfusion delay in patients with acute myocardial infarction treated with primary angioplasty based on first medical contact and time of presentation. Revista Espanola De Cardiologia. 2011.
Type of production: Scientific paper
Format: Journal
- 836** Gastelurrutia P; Nescolarde L; Rosell-Ferrer J; Domingo M; Ribas N; Bayes-Genis A. Bioelectrical impedance vector analysis (BIVA) in stable and non-stable heart failure patients: a pilot study. International journal of cardiology. 2011.
Type of production: Scientific paper
Format: Journal
- 837** Xavier Carrillo; Eduard Fernandez-Nofrerias; Francesco Ciompi; Oriol Rodriguez-Leor; Petia Radeva; Neus Salvatella; Oriol Pujol; Josepa Mauri; Antoni Bayes-Genis. Changes in Radial Artery Volume Assessed Using Intravascular Ultrasound: A Comparison of Two Vasodilator Regimens in Transradial Coronary Interventions. JOURNAL OF INVASIVE CARDIOLOGY. 23 - 10, pp. 401 - 404. 2011. ISSN 1042-3931
Type of production: Scientific paper
Format: Journal
- 838** Heras M; Avanzas P; Bayes-Genis A; Pérez de Isla L; Sanchis J. Current topics in cardiology 2010. Introduction. Revista Espanola De Cardiologia. 2011.
Type of production: Scientific paper
Format: Journal
- 839** Avanzas P; Bayes-Genis A; Pérez de Isla L; Sanchis J; Heras M. Ethical considerations in the publication of scientific articles. Revista Espanola De Cardiologia. 2011.
Type of production: Scientific paper
Format: Journal
- 840** Castellano J; Farré J; Fernandes J; Bayes-Genis A; Cinca J; Badimon L; Hove-Madsen L; Llorente-Cortés V. Hypoxia exacerbates Ca(2+)-handling disturbances induced by very low density lipoproteins (VLDL) in neonatal rat cardiomyocytes. Journal of molecular and cellular cardiology. 2011.
Type of production: Scientific paper
Format: Journal
- 841** Jose Castellano; Jordi Farre; Jacqueline Fernandes; Antoni Bayes-Genis; Juan Cinca; Lina Badimon; Leif Hove-Madsen; Vicenta Llorente-Cortes. Hypoxia exacerbates Ca2+-handling disturbances induced by very low density lipoproteins (VLDL) in neonatal rat cardiomyocytes. JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY. 50 - 5, pp. 894 - 902. 2011. ISSN 0022-2828
Type of production: Scientific paper
Format: Journal
- 842** Gastelurrutia P; Benrimoj SI; Espejo J; Tuneu L; Mangues MA; Bayes-Genis A. Negative clinical outcomes associated with drug-related problems in heart failure (HF) outpatients: impact of a pharmacist in a multidisciplinary HF clinic. Journal of cardiac failure. 2011.
Type of production: Scientific paper
Format: Journal



- 843** Sanchis J; Avanzas P; Bayes-Genis A; Pérez de Isla L; Heras M. New statistical methods in cardiovascular research. *Revista Espanola De Cardiologia*. 2011.
Type of production: Scientific paper **Format:** Journal
- 844** Mar Domingo; Josep Lupon; Antoni Bayes-Genis. Noninvasive Remote Telemonitoring for Ambulatory Patients With Heart Failure and Emergency Department Services. Response. *REVISTA ESPANOLA DE CARDIOLOGIA*. 64 - 10, pp. 949 - 949. 2011. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 845** Gastelurrutia P; Pascual-Figal D; Vazquez R; Cygankiewicz I; Shamagian LG; Puig T; Ferrero A; Cinca J; de Luna AB; Bayes-Genis A. Obesity paradox and risk of sudden death in heart failure results from the MUerte Subita en Insuficiencia cardiaca (MUSIC) study. *American heart journal*. 2011.
Type of production: Scientific paper **Format:** Journal
- 846** Paloma Gastelurrutia; Domingo Pascual-Figal; Rafael Vazquez; Iwona Cygankiewicz; Lillian Grigorian Shamagian; Teresa Puig; Andreu Ferrero; Juan Cinca; Antoni Bayes de Luna; Antoni Bayes-Genis; MUSIC Investigators. Obesity paradox and risk of sudden death in heart failure: Results from the MUerte Subita en Insuficiencia Cardiaca (MUSIC) Study. *AMERICAN HEART JOURNAL*. 161 - 1, 2011. ISSN 0002-8703
Type of production: Scientific paper **Format:** Journal
- 847** Bayés de Luna A; Goldwasser D; de Porta V; Fiol-Sala M; Carrillo A; Garcia-Niebla J; Bayés-Genis A. Optimizing electrocardiographic interpretation in acute ST-elevation myocardial infarction may be very beneficial. *American heart journal*. 2011.
Type of production: Scientific paper **Format:** Journal
- 848** Domingo A. Pascual-Figal; Iris P. Garrido; Rosa Blanco; Alfredo Minguela; Antonio Lax; Jordi Ordonez-Llanos; Antoni Bayes-Genis; Mariano Valdes; Stephanie A. Moore; James L. Januzzi. Soluble ST2 Is a Marker for Acute Cardiac Allograft Rejection. *ANNALS OF THORACIC SURGERY*. 92 - 6, pp. 2118 - 2124. 2011. ISSN 0003-4975
Type of production: Scientific paper **Format:** Journal
- 849** Pablo Avanzas; Antoni Bayes-Genis; Leopoldo Perez de Isla; Juan Sanchis; Magda Heras. Summary of the Clinical Studies Reported in the Annual Scientific Sessions of the American College of Cardiology (New Orleans, LA, USA, April 2-5, 2011). *REVISTA ESPANOLA DE CARDIOLOGIA*. 64 - 6, 2011. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 850** Pablo Avanzas; Antoni Bayes-Genis; Leopoldo Perez de Isla; Juan Sanchis; Magda Heras. Summary of the Clinical Studies Reported in the European Society of Cardiology Congress 2011 (August 27-30, 2011, Paris, France). *REVISTA ESPANOLA DE CARDIOLOGIA*. 64 - 11, pp. E1 - E8. 2011. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 851** Avanzas P; Bayes-Genis A; Isla LP; Sanchis J; Heras M. Summary of the clinical studies reported in the Annual Scientific Sessions of the American Heart Association (Chicago, United States, November 13-17, 2010). *Revista Espanola De Cardiologia*. 2011.
Type of production: Scientific paper **Format:** Journal
- 852** Pérez de Isla L; Avanzas P; Bayes-Genis A; Sanchis J; Heras M. Systemic diseases and the cardiovascular system: introduction. *Revista Espanola De Cardiologia*. 2011.
Type of production: Scientific paper **Format:** Journal
- 853** Zamora E; Lupón J; Lupón J; de Antonio M; Urrutia A; Coll R; Díez C; Altimir S; Bayés-Genís A. The obesity paradox in heart failure: is etiology a key factor?. *International journal of cardiology*. 2011.
Type of production: Scientific paper **Format:** Journal



- 854** Gálvez-Montón C; Prat-Vidal C; Roura S; Farré J; Soler-Botija C; Llucà-Valldeperas A; Díaz-Güemes I; Sánchez-Margallo FM; Arís A; Bayes-Genis A. Transposition of a pericardial-derived vascular adipose flap for myocardial salvage after infarct. Cardiovascular research. 2011.
Type of production: Scientific paper **Format:** Journal
- 855** Gastelurrutia P; Lupón J; Lupón J; Domingo M; Ribas N; Noguero M; Martinez C; Cortes M; Bayes-Genis A. Usefulness of body mass index to characterize nutritional status in patients with heart failure. The American Journal of Cardiology. 2011.
Type of production: Scientific paper **Format:** Journal
- 856** Comín-Colet J; Garin O; Lupón J; Manito N; Crespo-Leiro MG; Gómez-Bueno M; Ferrer M; Artigas R; Zapata A; Elosua R; VALIC-KC study group. Validation of the Spanish version of the Kansas city cardiomyopathy questionnaire. Revista Espanola De Cardiologia. 2011.
Type of production: Scientific paper **Format:** Journal
- 857** Domingo M; Lupón J; Lupón J; González B; Crespo E; López R; Ramos A; Urrutia A; Pera G; Verdú JM; Bayes-Genis A. [Noninvasive remote telemonitoring for ambulatory patients with heart failure: effect on number of hospitalizations, days in hospital, and quality of life. CARME (Catalan Remote Management Evaluation) study]. Revista Espanola De Cardiologia. 2011.
Type of production: Scientific paper **Format:** Journal
- 858** Heras M; Avanzas P; Bayes-Genis A; Pérez de Isla L; Sanchis J. A new editorial phase with new projects. Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 859** Heras M; Avanzas P; Bayes-Genis A; Pérez de Isla L; Sanchis J. Annual summary 2010: bibliometric data, activities, and new production of the journal. Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 860** Labovsky V; Hofer EL; Feldman L; Fernández Vallone V; García Rivello H; Bayes-Genis A; Hernando Insúa A; Levin MJ; Chasseing NA. Cardiomyogenic differentiation of human bone marrow mesenchymal cells: Role of cardiac extract from neonatal rat cardiomyocytes. Differentiation; research in biological diversity. 2010.
Type of production: Scientific paper **Format:** Journal
- 861** Pujadas S; Vidal-Perez R; Hidalgo A; Leta R; Carreras F; Barros A; Bayes-Genis A; Subirana MT; Pons-Llado G. Correlation between myocardial fibrosis and the occurrence of atrial fibrillation in hypertrophic cardiomyopathy: a cardiac magnetic resonance imaging study. European journal of radiology. 2010.
Type of production: Scientific paper **Format:** Journal
- 862** Rigol M; Solanes N; Farré J; Roura S; Roqué M; Berruezo A; Bellera N; Novensà L; Tamborero D; Prat-Vidal C; Huzman MA; Battle M; Hoefsloot M; Heras M. Effects of adipose tissue-derived stem cell therapy after myocardial infarction: impact of the route of administration. Journal of cardiac failure. 2010.
Type of production: Scientific paper **Format:** Journal
- 863** Roura S; Farré J; Hove-Madsen L; Prat-Vidal C; Soler-Botija C; Gálvez-Montón C; Vilalta M; Bayes-Genis A. Exposure to cardiomyogenic stimuli fails to transdifferentiate human umbilical cord blood-derived mesenchymal stem cells. Basic research in cardiology. 2010.
Type of production: Scientific paper **Format:** Journal
- 864** Bayes-Genis A; Soler-Botija C; Farré J; Sepúlveda P; Raya A; Roura S; Prat-Vidal C; Gálvez-Montón C; Montero JA; Büscher D; Izpisua Belmonte JC. Human progenitor cells derived from cardiac adipose tissue ameliorate myocardial infarction in rodents. Journal of molecular and cellular cardiology. 2010.
Type of production: Scientific paper **Format:** Journal



- 865** Asim A. Mohammed; Roland R. J. van Kimmenade; Mark Richards; Antoni Bayes-Genis; Yigal Pinto; Stephanie A. Moore; Jr. James L. Januzzi. Hyponatremia, Natriuretic Peptides, and Outcomes in Acutely Decompensated Heart Failure Results From the International Collaborative of NT-proBNP Study. CIRCULATION-HEART FAILURE. 3 - 3, pp. 354 - U42. 2010. ISSN 1941-3289
Type of production: Scientific paper **Format:** Journal
- 866** Manzano-Fernández S; Januzzi JL; Boronat-García M; Pastor P; Albaladejo-Otón MD; Garrido IP; Bayes-Genis A; Valdés M; Pascual-Figal DA. Impact of kidney dysfunction on plasma and urinary N-terminal pro-B-type natriuretic peptide in patients with acute heart failure. Congestive heart failure (Greenwich, Conn.). 2010.
Type of production: Scientific paper **Format:** Journal
- 867** Antoni Bayes-Genis. Natriuretic peptides: new indications?. MEDICINA CLINICA. 135 - 10, pp. 450 - 451. 2010. ISSN 0025-7753
Type of production: Scientific paper **Format:** Journal
- 868** Baggish AL; van Kimmenade RR; Pinto Y; Richards AM; Lainchbury J; Bayes-Genis A; Santaló M; Ordonez-Llanos J; Januzzi JL. New York Heart Association class versus amino-terminal pro-B type natriuretic peptide for acute heart failure prognosis. Biomarkers : biochemical indicators of exposure, response, and susceptibility to chemicals. 2010.
Type of production: Scientific paper **Format:** Journal
- 869** Zamora E; Lupón J; Lupón J; Urrutia A; Bayes-Genis A. Obesity and long-term prognosis in heart failure: the paradox persists. Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 870** Bayes-Genis A; Pascual-Figal D; Januzzi JL; Maisel A; Casas T; Valdés Chávarri M; Ordóñez-Llanos J. Soluble ST2 monitoring provides additional risk stratification for outpatients with decompensated heart failure. Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 871** Magda Heras; Antoni Bayes-Genis; Javier Bermejo; Leopoldo Perez de Isla; Juan Sanchis; Javier Segovia; Fernando Alfonso. Spanish Magazine of Cardiology - Introduction. REVISTA ESPANOLA DE CARDIOLOGIA. 63 - 1, pp. 1 - 2. 2010. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 872** Pérez de Isla L; Bayes-Genis A; Sanchis J; Heras M. Summary of the clinical studies reported in the Annual Scientific Sessions of the American College of Cardiology (Atlanta, GA. USA, March 14-16, 2010). Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 873** Bayes-Genis A; Avanzas P; Pérez de Isla L; Sanchis J; Heras M. Summary of the clinical studies reported in the European Society of Cardiology Congress 2010 (August 28-September 1, 2010, Stockholm, Sweden). Revista Espanola De Cardiologia. 2010.
Type of production: Scientific paper **Format:** Journal
- 874** Heras M; Avanzas P; Bayes-Genis A; Pan M; de Isla LP; Sanchis J. Unplanned redundant publication. A consequence of too many cardiovascular journals?. Heart (British Cardiac Society). 2010.
Type of production: Scientific paper **Format:** Journal
- 875** Heras M; Avanzas P; Bayes-Genis A; Pan M; Pérez de Isla L; Sanchis J. Unplanned redundant publication: a consequence of too many cardiovascular journals?. EuroIntervention : journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology. 2010.
Type of production: Scientific paper **Format:** Journal



- 876** Fiol M; Carrillo A; Cygankiewicz I; Velasco J; Riera M; Bayés-Genis A; Gómez A; Peral V; Bethencourt A; Goldwasser D; Molina F; Bayés de Luna A. A new electrocardiographic algorithm to locate the occlusion in left anterior descending coronary artery. *Clinical cardiology*. 2009.
Type of production: Scientific paper **Format:** Journal
- 877** Lexa Nescolarde; Javier Rosell-Ferrer; Paloma Gastelurrutia; Antoni Bayes-Genis; Jose Calpe; Rafael Hernandez. Comment on ``Is bioelectrical impedance vector analysis of value in the elderly with malnutrition and impaired functionality?. *NUTRITION*. 25 - 3, pp. 370 - 371. 2009. ISSN 0899-9007
Type of production: Scientific paper **Format:** Journal
- 878** Januzzi JL; Bayes-Genis A. Evolution of amino-terminal pro-B type natriuretic peptide testing in heart failure. *Drug news & perspectives*. 2009.
Type of production: Scientific paper **Format:** Journal
- 879** Bogónez-Franco P; Bragós R; Bayés-Genis A; Rosell-Ferrer J. Implantable bioimpedance monitor using ZigBee. *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*. 2009.
Type of production: Scientific paper **Format:** Journal
- 880** Heras M; Bayes-Genis A; Bermejo J; Pérez de Isla L; Sanchis J; Segovia J; Alfonso F. Introduction. Current topics on cardiology 2009. *Revista Espanola De Cardiologia*. 2009.
Type of production: Scientific paper **Format:** Journal
- 881** Muñoz-Guijosa C; Ginel A; Montiel J; Brosa V; Mirabet S; Bayés-Genis A; Padró JM. Orthotopic heart transplantation in patients with transposition of the great arteries. *Revista Espanola De Cardiologia*. 2009.
Type of production: Scientific paper **Format:** Journal
- 882** Iwona Cygankiewicz; Wojciech Zareba; Rafael Vazquez; Antoni Bayes-Genis; Domingo Pascual; Carlos Macaya; Jesus Almendral; Miquel Fiol; Alfredo Bardaji; Jose R. Gonzalez-Juanatey; Vicente Nieto; Mariano Valdes; Juan Cinca; Antoni Bayes de Luna; MUSIC Investigators. Risk Stratification of Mortality in Patients With Heart Failure and Left Ventricular Ejection Fraction > 35%. *AMERICAN JOURNAL OF CARDIOLOGY*. 103 - 7, pp. 1003 - 1010. 2009. ISSN 0002-9149
Type of production: Scientific paper **Format:** Journal
- 883** Pascual-Figal DA; Ordoñez-Llanos J; Tornel PL; Vázquez R; Puig T; Valdés M; Cinca J; de Luna AB; Bayes-Genis A; MUSIC Investigators. Soluble ST2 for predicting sudden cardiac death in patients with chronic heart failure and left ventricular systolic dysfunction. *Journal of the American College of Cardiology*. 2009.
Type of production: Scientific paper **Format:** Journal
- 884** Pérez de Isla L; Bayes-Genis A; Sanchis J; Heras M. Summary of the clinical studies reported in the annual scientific sessions of the American Heart Association (Orlando, United States, November 14-18, 2009). *Revista Espanola De Cardiologia*. 2009.
Type of production: Scientific paper **Format:** Journal
- 885** Vazquez R; Bayes-Genis A; Cygankiewicz I; Pascual-Figal D; Grigorian-Shamagian L; Pavon R; Gonzalez-Juanatey JR; Cubero JM; Pastor L; MUSIC Investigators. The MUSIC Risk score: a simple method for predicting mortality in ambulatory patients with chronic heart failure. *European heart journal*. 2009.
Type of production: Scientific paper **Format:** Journal
- 886** Roura S; Bayes-Genis A. Vascular dysfunction in idiopathic dilated cardiomyopathy. *Nature reviews. Cardiology*. 2009.
Type of production: Scientific paper **Format:** Journal



- 887** Lilian Grigorian-Shamagian; Jose Ramon Gonzalez-Juanatey; Rafael Vazquez; Juan Cinca; Antoni Bayes-Genis; Domingo Pascual; Carlos Fernandez-Palomeque; Alfredo Bardaji; Jesus Almendral; Vicente Nieto; Carlos Macaya; Ricardo Pavon Jimenez; Antoni Bayes De Luna; Muerte Subita Insuficiencia. Association of blood pressure and its evolving changes with the survival of patients with heart failure. JOURNAL OF CARDIAC FAILURE. 14 - 7, pp. 561 - 568. 2008. ISSN 1071-9164

Type of production: Scientific paper

Format: Journal

- 888** Juan Cinca; Juan Ramos; Miguel A. Garcia; Ramon Bragos; Antoni Bayes-Genis; Yolocuahtli Salazar; Ramon Bordes; Sonia Mirabet; Josep M. Padro; Joan Garcia Picart; Xavier Vinolas; Javier Rosell-Ferrer. Changes in myocardial electrical impedance in human heart graft rejection. EUROPEAN JOURNAL OF HEART FAILURE. 10 - 6, pp. 594 - 600. 2008. ISSN 1388-9842

Type of production: Scientific paper

Format: Journal

- 889** A Garde; BF Giraldo; R Jané; I Díaz; S Herrera; S Benito; M Domingo; A Bayés-Genis. Characterization of periodic and non-periodic breathing pattern in chronic heart failure patients. Conf Proc IEEE Eng Med Biol Soc. pp. 3227 - 30. 2008.

Type of production: Scientific paper

Format: Journal

- 890** Nescolarde L; Rosell-Ferrer J; Gastelurrutia P; Bayés-Genis A; Calpe J; Hernández R. Comment on "Is bioelectrical impedance vector analysis of value in the elderly with malnutrition and impaired functionality?". Nutrition (Burbank, Los Angeles County, Calif.). 2008.

Type of production: Scientific paper

Format: Journal

- 891** M. Rigol; N. Solanes; M. Roque; J. Farre; M. Batle; S. Roura; N. Bellera; C. Prat-Vidal; A. Sionis; J. Ramirez; M. Sitges; G. Sanz; A. Bayes-Genis; M. Heras. Hemosiderin Deposits Confounds Tracking of Iron-Oxide-Labeled Stem Cells: An Experimental Study. TRANSPLANTATION PROCEEDINGS. 40 - 10, pp. 3619 - 3622. 2008. ISSN 0041-1345

Type of production: Scientific paper

Format: Journal

- 892** de Luna AB; Cino J; Goldwasser D; Kotzeva A; Elosua R; Carreras F; Pujadas S; Garcia-Moll X; Santaló M; Fiol M; Bayés-Genís A; Pons-Lladó G; Cinca J. New electrocardiographic diagnostic criteria for the pathologic R waves in leads V1 and V2 of anatomically lateral myocardial infarction. Journal of electrocardiology. 2008.

Type of production: Scientific paper

Format: Journal

- 893** A Bayes-Genis; C DeFilippi; JL Januzzi. Understanding amino-terminal pro-B-type natriuretic peptide in obesity. Am J Cardiol. 101 - 3A, pp. 89 - 94. 2008.

Type of production: Scientific paper

Format: Journal

- 894** Pascual-Figal DA; Domingo M; Casas T; Gich I; Ordoñez-Llanos J; Martínez P; Cinca J; Valdés M; Januzzi JL; Bayes-Genis A. Usefulness of clinical and NT-proBNP monitoring for prognostic guidance in destabilized heart failure outpatients. European heart journal. 2008.

Type of production: Scientific paper

Format: Journal

- 895** Manuel Jimenez-Navarro; Juan Delgado Jimenez; Miguel Rivera Otero; Eulalia Roig Minguell; Javier Segovia Cubero; Luis Almenar Bonet; Manuel Anguita Sanchez; Antoni Bayes-Genis; Maria G. Crespo Leiro. Usefulness of natriuretic peptides in heart failure. MEDICINA CLINICA. 130 - 15, pp. 591 - 596. 2008. ISSN 0025-7753

Type of production: Scientific paper

Format: Journal

- 896** Garde A; Giraldo B; Jané R; Diaz I; Herrera S; Benito S; Domingo M; Bayés-Genís A. Analysis of respiratory flow signals in chronic heart failure patients with periodic breathing. Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference. 2007.

Type of production: Scientific paper

Format: Journal



- 897** Pascual-Figal DA; Antolinos MJ; Bayes-Genis A; Casas T; Nicolas F; Valdés M. B-type natriuretic peptide release in the coronary effluent after acute transient ischaemia in humans. *Heart (British Cardiac Society)*. 2007.
Type of production: Scientific paper **Format:** Journal
- 898** A Bayes-Genis; S Roura; C Prat-Vidal; J Farré; C Soler-Botija; A Bayes de Luna; J Cinca. Chimerism and microchimerism of the human heart: Evidence for cardiac regeneration. *Nat Clin Pract Cardiovasc Med*. 1, pp. 40 - 5. 2007.
Type of production: Scientific paper **Format:** Journal
- 899** Sandra Pujadas; Francesc Carreras; Xabier Arrastio; Ruben Leta; Montserrat Vila; Maria Teresa Subirana; Antoni Bayes-Genis; Guillem Pons-Llado. Detection and quantification of myocardial fibrosis in hypertrophic cardiomyopathy by contrast-enhanced cardiovascular magnetic resonance. *REVISTA ESPANOLA DE CARDIOLOGIA*. 60 - 1, pp. 10 - 14. 2007. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 900** Bayes-Genis A; Lloyd-Jones DM; van Kimmenade RR; Lainchbury JG; Richards AM; Ordoñez-Llanos J; Santaló M; Pinto YM; Januzzi JL. Effect of body mass index on diagnostic and prognostic usefulness of amino-terminal pro-brain natriuretic peptide in patients with acute dyspnea. *Archives of internal medicine*. 2007.
Type of production: Scientific paper **Format:** Journal
- 901** Jordi Farre; Santiago Roura; Cristina Prat-Vidal; Carolina Soler-Botija; Anna Llach; Cristina E. Molina; Leifhove-Madsen; Jordi J. Cairo; Francesc Godia; Ramon Bragos; Juan Cinca; Antoni Bayes-Genis. FGF-4 increases in vitro expansion rate of human adult bone marrow-derived mesenchymal stem cells. *GROWTH FACTORS*. 25 - 2, pp. 71 - 76. 2007. ISSN 0897-7194
Type of production: Scientific paper **Format:** Journal
- 902** Baggish AL; van Kimmenade R; Bayes-Genis A; Davis M; Lainchbury JG; Frampton C; Pinto Y; Richards MA; Januzzi JL. Hemoglobin and N-terminal pro-brain natriuretic peptide: Independent and synergistic predictors of mortality in patients with acute heart failure Results from the International Collaborative of NT-proBNP (ICON) Study. *Clinica chimica acta; international journal of clinical chemistry*. 2007.
Type of production: Scientific paper **Format:** Journal
- 903** Antoni Bayes-Genis. Hypertrophy and inflammation: too much for one heart. *EUROPEAN HEART JOURNAL*. 28 - 6, pp. 661 - 663. 2007. ISSN 0195-668X
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 14.097 **Journal in the top 25%:** Yes
- 904** Santiago Roura; Francesc Planas; Cristina Prat-Vidal; Ruben Leta; Carolina Soler-Botija; Francesc Carreras; Anna Llach; Leif Hove-Madsen; Guillern Pons Llado; Jordi Farre; Juan Cinca; Antoni Bayes-Genis. Idiopathic dilated cardiomyopathy exhibits defective vascularization and vessel formation. *EUROPEAN JOURNAL OF HEART FAILURE*. 9 - 10, pp. 995 - 1002. 2007. ISSN 1388-9842
Type of production: Scientific paper **Format:** Journal
- 905** Bayes-Genis A; Vazquez R; Puig T; Fernandez-Palomeque C; Fabregat J; Bardají A; Pascual-Figal D; Ordoñez-Llanos J; Valdes M; Gabarrús A; Pavon R; MUSIC Study Group. Left atrial enlargement and NT-proBNP as predictors of sudden cardiac death in patients with heart failure. *European journal of heart failure*. 2007.
Type of production: Scientific paper **Format:** Journal



- 906** Cygankiewicz I; Zareba W; Vazquez R; Almendral J; Bayes-Genis A; Fiol M; Valdes M; Macaya C; Gonzalez-Juanatey JR; Cinca J; Bayes de Luna A; MUSIC Investigators. Prognostic value of QT/RR slope in predicting mortality in patients with congestive heart failure. *Journal of cardiovascular electrophysiology*. 2007.
Type of production: Scientific paper **Format:** Journal
- 907** Leif Hove-Madsen; Cristina Prat-Vidal; Anna Llach; Francisco Ciruela; Vicent Casado; Carme Lluís; Antoni Bayes-Genis; Juan Cinca; Rafael Franco. Reply: Does the adenosine A(2A) receptor stimulate the ryanodine receptor?. *CARDIOVASCULAR RESEARCH*. 73 - 1, pp. 249 - 250. 2007. ISSN 0008-6363
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 5.940
- 908** Prat-Vidal C; Roura S; Farré J; Gálvez C; Llach A; Molina CE; Hove-Madsen L; Garcia J; Cinca J; Bayes-Genis A. Umbilical cord blood-derived stem cells spontaneously express cardiomyogenic traits. *Transplantation proceedings*. 2007.
Type of production: Scientific paper **Format:** Journal
- 909** Leif Hove-Madsen; Cristina Prat-Vidal; Anna Llach; Francisco Ciruela; Vicent Casado; Carme Lluís; Antoni Bayes-Genis; Juan Cinca; Rafael Franco. Adenosine A(2A) receptors are expressed in human atrial myocytes and modulate spontaneous sarcoplasmic reticulum calcium release. *CARDIOVASCULAR RESEARCH*. 72 - 2, pp. 292 - 302. 2006. ISSN 0008-6363
Type of production: Scientific paper **Format:** Journal
- 910** Roland R. J. van Kimmenade; Jr. James L. Januzzi; Aaron L. Baggish; John G. Lainchbury; Antoni Bayes-Genis; A. Mark Richards; Yigal M. Pinto. Amino-terminal pro-brain natriuretic peptide, renal function, and outcomes in acute heart failure - Redefining the cardiorenal interaction?. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 48 - 8, pp. 1621 - 1627. 2006. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
- 911** Santiago Roura; Jordi Farre; Carolina Soler-Botija; Anna Llach; Leif Hove-Madsen; Jordi J. Cairo; Francesc Godia; Juan Cinca; Antoni Bayes-Genis. Effect of aging on the pluripotential capacity of human CD105(+) mesenchymal stem cells. *EUROPEAN JOURNAL OF HEART FAILURE*. 8 - 6, pp. 555 - 563. 2006. ISSN 1388-9842
Type of production: Scientific paper **Format:** Journal
- 912** Bragós R; Sarro E; Fontova A; Soley A; Cairó J; Bayés-Genís A; Rosell J. Four versus two-electrode measurement strategies for cell growing and differentiation monitoring using electrical impedance spectroscopy. *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*. 2006.
Type of production: Scientific paper **Format:** Journal
- 913** Jose Manuel Gonzalez-Posada; Domingo Hernandez; Beatriz Bayes Genis; Lourdes Perez Tamajon; Javier Garcia Perez; Benito Maceira; Manuel Rivero Sanchez; Daniel Seron; Spanish Chronic Allograft Neur. Increased cardiovascular risk profile and mortality in kidney allograft recipients with post-transplant diabetes mellitus in Spain. *CLINICAL TRANSPLANTATION*. 20 - 5, pp. 650 - 658. 2006. ISSN 0902-0063
Type of production: Scientific paper **Format:** Journal
- 914** Januzzi JL; van Kimmenade R; Lainchbury J; Bayes-Genis A; Ordonez-Llanos J; Santalo-Bel M; Pinto YM; Richards M. NT-proBNP testing for diagnosis and short-term prognosis in acute destabilized heart failure: an international pooled analysis of 1256 patients: the International Collaborative of NT-proBNP Study. *European heart journal*. 2006.
Type of production: Scientific paper **Format:** Journal



- 915** Bayes-Genis A. Plasma NT-proBNP: a new biomarker for diagnosis and monitoring of congestive heart failure (CHF). Timely topics in medicine. Cardiovascular diseases. 2006.
Type of production: Scientific paper **Format:** Journal
- 916** Bayes-Genis A; Pascual-Figal D; Fabregat J; Domingo M; Planas F; Casas T; Ordoñez-Llanos J; Valdes M; Cinca J. Serial NT-proBNP monitoring and outcomes in outpatients with decompensation of heart failure. International journal of cardiology. 2006.
Type of production: Scientific paper **Format:** Journal
- 917** Roland R. J. van Kimmenade; Yigal M. Pinto; Antoni Bayes-Genis; John G. Lainchbury; A. Mark Richards; Jr. James L. Januzzi. Usefulness of intermediate amino-terminal pro-brain natriuretic peptide concentrations for diagnosis and prognosis of acute heart failure. AMERICAN JOURNAL OF CARDIOLOGY. 98 - 3, pp. 386 - 390. 2006. ISSN 0002-9149
Type of production: Scientific paper **Format:** Journal
- 918** A Bayes-Genis; B Bellosillo; O de la Calle; M Salido; S Roura; FS Ristol; C Soler; M Martinez; B Espinet; S Serrano; A Bayes de Luna; J Cinca. Identification of male cardiomyocytes of extracardiac origin in the hearts of women with male progeny: male fetal cell microchimerism of the heart. J Heart Lung Transplant. 24 - 12, pp. 2179 - 83. 2005.
Type of production: Scientific paper **Format:** Journal
- 919** Alonso JL; Martínez P; Vallverdú M; Cygankiewicz I; Pitzalis MV; Bayés Genís A; Cinca J; Rizzon P; Caminal P; Zareba W; Bayés de Luna A. Dynamics of ventricular repolarization in patients with dilated cardiomyopathy versus healthy subjects. Annals of noninvasive electrocardiology : the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc. 2005.
Type of production: Scientific paper **Format:** Journal
- 920** J Bellido-Casado; J Belda; A Bayes-Genis; G Margarit; L Lopez; P Casana; CH Cotes; A Anton; M Santalo; J Ordonez-Llanos. Hemosiderin-laden macrophages count in sputum in diagnosis of dyspnea of heart origin. MEDICINA CLINICA. 124 - 15, pp. 566 - 570. 2005. ISSN 0025-7753
Type of production: Scientific paper **Format:** Journal
- 921** A Bayes-Genis; S Roura; C Soler-Botija; J Farre; L Hove-Madsen; A Llach; J Cinca. Identification of cardiomyogenic lineage markers in untreated human bone marrow-derived mesenchymal stem cells. Transplant Proc. 37 - 9, pp. 4077 - 9. 2005.
Type of production: Scientific paper **Format:** Journal
- 922** A Bayes-Genis; L Lopez; E Zapico; C Cotes; M Santalo; J Ordoñez-Llanos; J Cinca. NT-Pro BNP Reduction Percentatge During Admission for Acutely Decompensated Heart Failure Predicts Long-Term Cardiovascular Mortality. J Card Fail. 11, pp. 3 - 8. 2005.
Type of production: Scientific paper **Format:** Journal
- 923** Bayés-Genís A; Lopez L; Zapico E; Cotes C; Santaló M; Ordonez-Llanos J; Cinca J. NT-ProBNP reduction percentage during admission for acutely decompensated heart failure predicts long-term cardiovascular mortality. Journal of cardiac failure. 2005.
Type of production: Scientific paper **Format:** Journal
- 924** Artom G; Koren-Morag N; Spodick DH; Brucato A; Guindo J; Bayes-de-Luna A; Brambilla G; Finkelstein Y; Granel B; Bayes-Genis A; Schwammenthal E; Adler Y. Pretreatment with corticosteroids attenuates the efficacy of colchicine in preventing recurrent pericarditis: a multi-centre all-case analysis. European heart journal. 2005.
Type of production: Scientific paper **Format:** Journal



- 925** A Bayes-Genis. The circulating NTproBNP level, a new biomarker for the diagnosis of heart failure in patients with acute shortness of breath. REVISTA ESPANOLA DE CARDIOLOGIA. 58 - 10, pp. 1142 - 1144. 2005. ISSN 0300-8932
Type of production: Scientific paper **Format:** Journal
- 926** Ligeró C; Leta R; Bayes-Genis A. Transient biventricular dysfunction following pericardiocentesis. European journal of heart failure. 2005.
Type of production: Scientific paper **Format:** Journal
- 927** S Pujadas; R Bordes; A Bayes-Genis. Ventricular non-compaction cardiomyopathy: CMR and pathology findings. Heart. 91, pp. 582. 2005.
Type of production: Scientific paper **Format:** Journal
- 928** Hove-Madsen L; Llach A; Bayes-Genis A; Roura S; Rodríguez Font E; Arís A; Cinca J. Atrial fibrillation is associated with increased spontaneous calcium release from the sarcoplasmic reticulum in human atrial myocytes. Circulation. 2004.
Type of production: Scientific paper **Format:** Journal
- 929** Bayes-Genis A; Muñoz-Díaz E; Catasús L; Arilla M; Rodríguez C; Sierra J; Madoz PJ; Cinca J. Cardiac chimerism in recipients of peripheral-blood and bone marrow stem cells. European journal of heart failure. 2004.
Type of production: Scientific paper **Format:** Journal
- 930** Bayes-Genis A; Bellido-Casado J; Zapico E; Cotes C; Belda J; López L; Santaló M; Ordoñez-Llanos J. N-terminal pro-brain natriuretic peptide reflects pulmonary capillary leakage in patients with acute dyspnea. The American Journal of Cardiology. 2004.
Type of production: Scientific paper **Format:** Journal
- 931** Bayés-Genis A; Santaló-Bel M; Zapico-Muñoz E; López L; Cotes C; Bellido J; Leta R; Casan P; Ordóñez-Llanos J. N-terminal pro-brain natriuretic peptide (NT-proBNP) in the emergency diagnosis and in-hospital monitoring of patients with dyspnoea and ventricular dysfunction. European journal of heart failure. 2004.
Type of production: Scientific paper **Format:** Journal
- 932** M Fiol; I Cygankiewicz; A Carrillo; A Bayes-Genis; O Santoyo; A Gomez; A Bethencourt; AB de Luna. Value of electrocardiographic algorithm based on "ups and downs" of ST in assessment of a culprit artery in evolving inferior wall acute myocardial infarction. AMERICAN JOURNAL OF CARDIOLOGY. 94 - 6, pp. 709 - 714. 2004. ISSN 0002-9149
Type of production: Scientific paper **Format:** Journal
- 933** Karnik SK; Brooke BS; Bayes-Genis A; Sorensen L; Wythe JD; Schwartz RS; Keating MT; Li DY. A critical role for elastin signaling in vascular morphogenesis and disease. Development (Cambridge, England). 2003.
Type of production: Scientific paper **Format:** Journal
- 934** Rodríguez-Sinovas A; Bis J; Anivarro I; de la Torre J; Bayés-Genis A; Cinca J. Coronary smooth muscle reactivity to muscarinic stimulation after ischemia-reperfusion in porcine myocardial infarction. Journal of applied physiology (Bethesda, Md. : 1985). 2003.
Type of production: Scientific paper **Format:** Journal
- 935** Schwartz RS; Bayes-Genis A; Lesser JR; Sangiorgi M; Henry TD; Conover CA. Detecting vulnerable plaque using peripheral blood: inflammatory and cellular markers. Journal of interventional cardiology. 2003.
Type of production: Scientific paper **Format:** Journal



- 936** Bayes-Genis A; Lopez L; Viñolas X; Elosua R; Brossa V; Campreciós M; Mateo M; Cinca J; Bayes de Luna A. Distinct left bundle branch block pattern in ischemic and non-ischemic dilated cardiomyopathy. *European journal of heart failure*. 2003.
Type of production: Scientific paper **Format:** Journal
- 937** Bayes-Genis A; Schwartz RS; Bale LK; Conover CA. Effects of insulin-like growth factor-I on cultured human coronary artery smooth muscle cells. *Growth hormone & IGF research : official journal of the Growth Hormone Research Society and the International IGF Research Society*. 2003.
Type of production: Scientific paper **Format:** Journal
- 938** Brooke BS; Bayes-Genis A; Li DY. New insights into elastin and vascular disease. *Trends in cardiovascular medicine*. 2003.
Type of production: Scientific paper **Format:** Journal
- 939** Bayes-Genis A; Salido M; Solé Ristol F; Puig M; Brossa V; Campreciós M; Corominas JM; Mariñoso ML; Baró T; Vela MC; Serrano S; Padró JM; Bayes de Luna A; Cinca J. Host cell-derived cardiomyocytes in sex-mismatch cardiac allografts. *Cardiovascular research*. 2002.
Type of production: Scientific paper **Format:** Journal
- 940** Bayes-Genis A; Campbell JH; Carlson PJ; Holmes DR; Schwartz RS. Macrophages, myofibroblasts and neointimal hyperplasia after coronary artery injury and repair. *Atherosclerosis*. 2002.
Type of production: Scientific paper **Format:** Journal
- 941** AE Denktas; K Shogren; DR Holmes; A Bayes-Genis; C Oxvig; MT Overgaard; M Christiansen; CA Conover; RS Schwartz. Pregnancy associated plasma protein-A is preferentially expressed in plaque of patients with restenosis. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 39 - 5, A, pp. 19A - 20A. 2002. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 14.086 **Journal in the top 25%:** Yes
- 942** A Bayes-Genis; RS Schwartz; KH Ashai; DA Lewis; MT Overgaard; M Christiansen; C Oxvig; C Conover. novel insullin-like growth factor binding protein-4 protease is produced by porcine vascular smooth muscle cells and is upregulated after coronary artery injury in vivo. *Arterioscler Thromb Vasc Biol*. 21, pp. 335 - 341. 2001.
Type of production: Scientific paper **Format:** Journal
- 943** JD Altman; M Rezaee; A Bayes-Genis; D Lubbe; B Kantor; P Carlson; T Quertermous; DR Holmes; RS Schwartz. Are the responses to bFGF and VEGF similar in human arteries compared to other species?. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 37 - 2, A, pp. 286A - 286A. 2001. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS
Impact index in year of publication: 14.086 **Journal in the top 25%:** Yes
- 944** A Bayes-Genis; CA Conover; M Christiansen; D Lubbe; C Oxvig; JD Altman; MT Overgaard; PC Keelan; B Kantor; DR Holmes; RS Schwartz. Identification of pregnancy-associated plasma protein A (PAPP-A) as a new marker of acute coronary syndromes. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 37 - 2, A, pp. 301A - 301A. 2001. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal



- 945** A Bayes-Genis; JH Campbell; G Gabbiani; PJ Carlson; PC Keelan; DA Lewis; DR Holmes; RS Schwartz. Monocyte/macrophage lineage cells contribute to neointimal cellular mass after coronary artery injury and repair. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 37 - 2, A, pp. 49A - 49A. 2001. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
- 946** Denktas AE; Bayes-Genis A; Schwartz RS. New approaches to the pharmacological treatment of angina. Current opinion in pharmacology. 2001.
Type of production: Scientific paper **Format:** Journal
- 947** Bayes-Genis A; Conover CA; Overgaard MT; Bailey KR; Christiansen M; Holmes DR; Virmani R; Oxvig C; Schwartz RS. Pregnancy-associated plasma protein A as a marker of acute coronary syndromes. The New England journal of medicine. 2001.
Type of production: Scientific paper **Format:** Journal
- 948** Bayes-Genis A; Camrud AR; Jorgenson M; Donovan J; Shogren KL; Holmes DR; Schwartz RS. Pressure rinsing of coronary stents immediately before implantation reduces inflammation and neointimal hyperplasia. Journal of the American College of Cardiology. 2001.
Type of production: Scientific paper **Format:** Journal
- 949** KH Ashai; A Bayes-Genis; B Kantor; T Gerber; RS Schwartz. Ultrasound enhanced gene transfection is safe and dose-dependent in vascular smooth muscle cells in vitro. JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY. 37 - 2, A, pp. 266A - 266A. 2001. ISSN 0735-1097
Type of production: Scientific paper **Format:** Journal
- 950** Bayes-Genis A; Mateo J; Santaló M; Oliver A; Guindo J; Badimon L; Martínez-Rubio A; Fontcuberta J; Schwartz RS; De Luna AB. D-Dimer is an early diagnostic marker of coronary ischemia in patients with chest pain. American heart journal. 2000.
Type of production: Scientific paper **Format:** Journal
- 951** A Bayes-Genis; J Mateo; M Santaló; A Oliver; J Guindo; L Badimon; A Martinez-Rubio; J Fontcuberta; RS Schwartz; A Bayés de Luna. D-dimer is a marker of acute ischemia in patients with chest pain. Am Heart J. 140, pp. 379 - 384. 2000.
Type of production: Scientific paper **Format:** Journal
- 952** Kantor B; Altman J; Simari RS; Bayes-Genis A; Keelan PJ; Holmes DR; Schwartz RS. Gene therapy for myocardial angiogenesis: has it come of age?. Current atherosclerosis reports. 2000.
Type of production: Scientific paper **Format:** Journal
- 953** Bayes-Genis A; Kantor B; Keelan PC; Altman JD; Lubbe DF; Kang JH; Schwartz RS. Restenosis and Hyperplasia: Animal Models. Current interventional cardiology reports. 2000.
Type of production: Scientific paper **Format:** Journal
- 954** Bayes-Genis A; Conover CA; Schwartz RS. The insulin-like growth factor axis: A review of atherosclerosis and restenosis. Circulation research. 2000.
Type of production: Scientific paper **Format:** Journal
- 955** Badimon L; Bayés-Genís A. Effects of progestogens on thrombosis and atherosclerosis. Human reproduction update. 1999.
Type of production: Scientific paper **Format:** Journal
- 956** Bayés-Genís A; Guindo J; Oliver A; Badimon L; Fiol M; Mateo J; Souto JC; Dominguez JM; Fontcuberta J; Bayés de Luna A. Elevated levels of plasmin-alpha2 antiplasmin complexes in unstable angina. Thrombosis and haemostasis. 1999.



Type of production: Scientific paper

Format: Journal

- 957** Bayés de Luna A; Guindo J; Viñolas X; Martínez-Rubio A; Oter R; Bayés-Genís A. Third-degree inter-atrial block and supraventricular tachyarrhythmias. *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*. 1999.

Type of production: Scientific paper

Format: Journal

- 958** Y Adler; J Guindo; Y Finkelstein; A Khouri; A Assali; A Bayes-Genis; AB De Luna. Colchicine for large pericardial effusion. *CLINICAL CARDIOLOGY*. 21 - 2, pp. 143 - 144. 1998. ISSN 0160-9289

Type of production: Scientific paper

Format: Journal

- 959** Adler Y; Finkelstein Y; Guindo J; Rodriguez de la Serna A; Shoenfeld Y; Bayes-Genis A; Sagie A; Bayes de Luna A; Spodick DH. Colchicine treatment for recurrent pericarditis. A decade of experience. *Circulation*. 1998.

Type of production: Scientific paper

Format: Journal

- 960** A Bayes; V Marti; JM Auge. Coronary stenting for symptomatic myocardial bridging. *HEART*. 80 - 1, pp. 102 - 103. 1998. ISSN 1355-6037

Type of production: Scientific paper

Format: Journal

- 961** Martí V; Martín V; Bayés-Genís A; García J; Guiteras P; Aymat RM; Augé JM. Initial results with the Multi-Link coronary stent. *Revista Espanola De Cardiologia*. 1998.

Type of production: Scientific paper

Format: Journal

- 962** Alegret JM; Subirana MT; Marcuello E; Bayés-Genís A; Ferrés P; Torner M. Tricuspid and pulmonary valve in a case of carcinoid syndrome. *Revista Espanola De Cardiologia*. 1997.

Type of production: Scientific paper

Format: Journal

- 963** Bayés-Genís A; Guindo J; Viñolas X; Tomás L; Elosua R; Duran I; Bayés de Luna A. Cardiac arrhythmias and left ventricular hypertrophy in systemic hypertension and their influences on prognosis. *The American Journal of Cardiology*. 1995.

Type of production: Scientific paper

Format: Journal

- 964** Bayés-Genís A; Viñolas X; Guindo J; Fiol M; Bayés de Luna A. Electrocardiographic and clinical precursors of ventricular fibrillation: chain of events. *Journal of cardiovascular electrophysiology*. 1995.

Type of production: Scientific paper

Format: Journal

- 965** Bayés de Luna A; Bayés Genís A; Guindo J; Viñolas X; Boveda S; Torner P; Oter R; Sobral J; Sztajzel J. Mechanisms favoring and triggering atrial fibrillation. *Archives des maladies du coeur et des vaisseaux*. 1994.

Type of production: Scientific paper

Format: Journal

- 966** Bayés de Luna A; Guindo J; Elosua R; Viñolas X; Bayés-Genis A; Sobral J; Sztajzel J; Boveda S. Proarrhythmic effects of anti-arrhythmic agents. *Postgraduate medical journal*. 1994.

Type of production: Scientific paper

Format: Journal

- 967** Bayés-de-Luna A; Viñolas X; Guindo J; Bayés-Genis A. Risk stratification after myocardial infarction: role of electrical instability, ischemia, and left ventricular function. *Cardiovascular drugs and therapy*. 1994.

Type of production: Scientific paper

Format: Journal

- 968** J Gonzalez Juanatey; L Grigorian Shamagian; A Varela Roman; JM Cruz Fernandez; V López García-Aranda; A Bayés de Luna; A Bayes-Genis. Examen clínico del sistema cardiovascular. *Medicina Interna*. Farreras-Rozman. Elsevier, 2008. ISBN 978-8-4808-6349-0



Type of production: Book chapter

Format: Book

Degree of contribution: Editor or co-editor

- 969** A Bayes de Luna; J Guindo; A Bayes-Genis; A Martinez-Rubio. Muerte súbita de origen cardíaco. Cardiología clínica. Masson SA, 2002. ISBN 978-8-4458-1179-5

Type of production: Book chapter

Format: Book

- 970** A Bayes-Genis; J Guindo; X Viñolas; A Martinez-Rubio; A Bayes de Luna. Sudden Cardiac Death. Cardiology. McGraw-Hill International Ltd, 1999. ISBN 978-0-0770-9518-5

Type of production: Book chapter

Format: Book

- 971** A Bayes-Genis. Utilidad del NT-proBNP en la insuficiencia cardíaca. AMAT, 2011. ISSN 1579-6574

Type of production: Scientific book or monograph

Format: Book

Degree of contribution: Editor or co-editor

- 972** A Bayes-Genis; A Bayés de Luna. Comprender la Insuficiencia Cardíaca. AMAT, 2009. ISBN 978-84-9735-310-6

Type of production: Scientific book or monograph

Format: Book

Degree of contribution: Editor or co-editor

- 973** A Bayes-Genis; A Bayés de Luna. Insuficiencia cardíaca: cuando el corazón falla. AMAT, 2008. ISBN 978-84-9735-310-6

Type of production: Scientific book or monograph

Format: Book

Degree of contribution: Editor or co-editor

- 974** A Bayes-Genis; J Januzzi. NTproBNP as a biomarker in Cardiovascular Diseases. AMAT, 2008.

Legal deposit: B-27514-2008

Type of production: Scientific book or monograph

Format: Book

Degree of contribution: Author or co-author of entire book

- 975** A Bayes-Genis. Unidades de Insuficiencia cardíaca. SEC Acción Médica, 2006. ISBN 978-84-88336-60-6

Type of production: Scientific book or monograph

Format: Book

Degree of contribution: Editor or co-editor

- 976** Assessment of filling pressures and fluid overload in heart failure: an updated perspective. Revista española de cardiología. 2023.

Type of production: Review

- 977** Biomarkers of preclinical ventricular dysfunction in type 2 diabetes mellitus. Revista española de cardiología. 2023.

Type of production: Review

- 978** Biomarkers to Improve Decision-making in Acute Heart Failure. Cardiac failure review. 2023.

Type of production: Review

- 979** Cardiac Fibrosis in heart failure: Focus on non-invasive diagnosis and emerging therapeutic strategies. Molecular aspects of medicine. 2023.

Type of production: Review

- 980** Incidence, risk assessment and prevention of sudden cardiac death in cardiomyopathies. European journal of heart failure. 2023.

Type of production: Review



- 981** Inefficient diastolic filling in dual-chamber pacemaker recipients: impact of atrio-ventricular interval shortening (AVI-SHORT study). Journal of interventional cardiac electrophysiology. 2023.
Type of production: Review
- 982** Latest Updates in Heart Failure Imaging. Heart failure clinics. 2023.
Type of production: Review
- 983** Multimodality imaging in aortic stenosis: new diagnostic and therapeutic frontiers. Revista española de cardiología. 2023.
Type of production: Review
- 984** Preclinical scenario of targeting myocardial fibrosis with chimeric antigen receptor (CAR) immunotherapy. Biomedicine & pharmacotherapy. 2023.
Type of production: Review
- 985** Risk of death associated with incident heart failure in patients with known or suspected chronic coronary syndrome. ESC heart failure. 2023.
Type of production: Review
- 986** State-of-the-art document on optimal contemporary management of cardiomyopathies. European journal of heart failure. 2023.
Type of production: Review
- 987** State-of-the-art document on optimal contemporary management of cardiomyopathies. European journal of heart failure. 2023.
Type of production: Review
- 988** The DELIVER Trial: The Beginning of the End of Ejection Fraction Tyranny. European cardiology. 2023.
Type of production: Review
- 989** Treatment of cardiac fibrosis: from neuro-hormonal inhibitors to CAR-T cell therapy. Heart failure reviews. 2023.
Type of production: Review
- 990** Author Correction: Empagliflozin improves post-infarction cardiac remodeling through GTP enzyme cyclohydrolase 1 and irrespective of diabetes status. Scientific reports. 2020.
Type of production: Bibliographic review **Format:** Journal
- 991** Pushing Boundaries: The Uncharted Territory of Managing a 110-Year-Old Patient. 2025.
Type of production: null
- 992** Dapagliflozin and short-term changes on circulating antigen carbohydrate 125 in heart failure with reduced ejection fraction. Scientific reports. 2023.
Type of production: .
- 993** Omega-3 Fatty Acid Biomarkers and Incident Atrial Fibrillation. Journal of the American College of Cardiology. 2023.
Type of production: .



- 994** Reply to the Editor— Safety of wearable bioimpedance monitors for CIED patients remains unknown. Heart Rhythm. 2023.
Type of production: .
- 995** Reply: Circulating Vegetable Omega-3 and Prognosis in Patients With Heart Failure: More Data Are Needed. Journal of the American College of Cardiology. 2023.
Type of production: .
- 996** SGLT2i and loop diuretic withdrawal or downtitration in heart failure. Revista española de cardiología. 2023.
Type of production: .
- 997** Short-Term Changes in Peak VO₂ After Initiation of Dapagliflozin in Heart Failure Across Iron Status. JACC. Heart failure. 2023.
Type of production: .
- 998** Short-term Changes in Hemoglobin and Changes in Functional Status, Quality of Life and Natriuretic Peptides After Initiation of Dapagliflozin in Heart Failure With Reduced Ejection Fraction. Journal of cardiac failure. 2023.
Type of production: .
- 999** Simplified left atrial sphericity evaluation by cardiac magnetic resonance. Revista española de cardiología. 2023.
Type of production: .
- 1000** Reply to 'The frail patient and the frail heart'. European journal of heart failure. 2023.
Type of production: Comment
- 1001** Clinical translation of mesenchymal stromal cell extracellular vesicles: Considerations on scientific rationale and production requisites. Journal of cellular and molecular medicine. 2022.
Type of production: Comment
- 1002** Commentary: A Review of Prognosis Model Associated With Cardiogenic Shock After Acute Myocardial Infarction. Frontiers in cardiovascular medicine. 2022.
Type of production: Comment
- 1003** Dysglycaemia and high natriuretic peptides: the prelude to heart failure. European journal of heart failure. 2022.
Type of production: Comment
- 1004** Reply to the letter regarding the article 'Bending oxygen saturation index and risk of worsening heart failure events in chronic heart failure'. European journal of heart failure. 2022.
Type of production: Comment
- 1005** Reply: Beta-Blocker Withdrawal and Chronotropic Incompetence in Heart Failure With Preserved Ejection Fraction. Journal of the American College of Cardiology. 2022.
Type of production: Comment
- 1006** Response by Vilalta et al to Letter Regarding Article, "Midterm Outcomes Following Sutureless and Transcatheter Aortic Valve Replacement in Low-Risk Patients With Aortic Stenosis". Circulation. Cardiovascular interventions. 2022.
Type of production: Comment



1007 Correction to: Surgery and outcome of infective endocarditis in octogenarians: prospective data from the ESC EORP EURO-ENDO registry. Infection. 2022.

Type of production: Correction

1008 Increased Serum Procollagen type I C-terminal Propeptide Levels are Associated with Left Ventricular Dysfunction in Patients Treated with Anthracycline-based Cancer Chemotherapy. 2021.

Type of production: null

Works submitted to national or international conferences

1 **Title of the work:** Colchicine and Cardiovascular Outcomes: a Critical Appraisal.

Name of the conference: OHA 2024 Cardiology Update

City of event: Muscat, Oman

Date of event: 01/11/2024

End date: 02/11/2024

Organising entity: Oman Heart Association

2 **Title of the work:** NT-proBNP Measurement as a Screening Tool for Heart Failure and CVD Risk.

Name of the conference: OHA 2024 Cardiology Update

City of event: Muscat, Oman

Date of event: 01/11/2024

End date: 02/11/2024

Organising entity: Oman Heart Association

3 **Title of the work:** Practical Algorithms for Early Diagnosis of Heart Failure Using NT-proBNP.

Name of the conference: OHA 2024 Cardiology Update

City of event: Muscat, Oman

Date of event: 01/11/2024

End date: 02/11/2024

Organising entity: Oman Heart Association

4 **Title of the work:** Value of Cardiac Biomarkers in Congestion Management.

Name of the conference: OHA 2024 Cardiology Update

City of event: Muscat, Oman

Date of event: 01/11/2024

End date: 02/11/2024

Organising entity: Oman Heart Association

5 **Title of the work:** Natriuretic peptides and other biomarkers in acute HF

Name of the conference: PCHF London Module 6

City of event: London, United Kingdom

Date of event: 09/10/2024

End date: 12/10/2024

Organising entity: Royal Brompton and Harefield hospitals

6 **Title of the work:** Practical approach to early diagnosis of heart failure and heart stress: impact of the HFA consensus

Name of the conference: proCardio 2024

City of event: Basel, Switzerland

Date of event: 03/10/2024



End date: 04/10/2024

Organising entity: Roche Diagnostics, S.L.

- 7** **Title of the work:** Clinical Utility of Biomarkers in HFpEF
Name of the conference: HFpEF BRIDGING DISCIPLINES
City of event: Milan, Italy
Date of event: 26/09/2024
End date: 27/09/2024
Organising entity: Fondazione Menarini
- 8** **Title of the work:** The value of NT-proBNP for the diagnosis and monitoring of heart failure - Online
Name of the conference: XVI Congress of Cardiologists of the Republic of Kazakhstan
City of event: Almaty, Kazakhstan
Date of event: 06/06/2024
End date: 07/06/2024
Organising entity: Association of Cardiologists of Kazakhstan
- 9** **Title of the work:** Cerrando la brecha; perspectivas actuales en biomarcadores cardíacos
Name of the conference: SIAC Congress 2024
City of event: Ciudad de México, Mexico
Date of event: 05/06/2024
End date: 07/06/2024
Organising entity: Sociedad Interamericana de Cardiología
- 10** **Title of the work:** Diagnóstico precoz de la Insuficiencia cardíaca: ¿Qué está fallando?
Name of the conference: SIAC Congress 2024
City of event: Ciudad de México, Mexico
Date of event: 05/06/2024
End date: 07/06/2024
Organising entity: Sociedad Interamericana de Cardiología
- 11** **Title of the work:** Diagnóstico precoz de la insuficiencia cardíaca.
Name of the conference: XXI REUNIÓN ANUAL DE LA ASOCIACIÓN DE INSUFICIENCIA CARDÍACA DE LA SOCIEDAD ESPAÑOLA DE CARDIOLOGÍA
City of event: Sevilla, Andalusia, Spain
Date of event: 23/05/2024
End date: 25/05/2024
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 12** **Title of the work:** Chronic heart failure
Name of the conference: Heart Failure 2024
City of event: Lisboa, Lisboa, Portugal
Date of event: 11/05/2024
End date: 14/05/2024
Organising entity: European Society of Cardiology
- 13** **Title of the work:** Discussant review - STEP HFpEF Program
Name of the conference: Heart Failure 2024
City of event: Lisboa, Lisboa, Portugal
Date of event: 11/05/2024



End date: 14/05/2024

Organising entity: European Society of Cardiology

14 Title of the work: Exploring the patient journey in HFrEF and reimagining patient care

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

15 Title of the work: How should we screen? When should the patients be referred?

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

16 Title of the work: Implementing GDMT: what should we be doing?

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

17 Title of the work: Replicability and scalability across Europe

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

18 Title of the work: Suspected de novo heart failure in outpatient care: high overall healthcare costs (REVOLUTION HF)

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

19 Title of the work: The role of biomarkers

Name of the conference: Heart Failure 2024

City of event: Lisboa, Lisboa, Portugal

Date of event: 11/05/2024

End date: 14/05/2024

Organising entity: European Society of Cardiology

20 Title of the work: Biomarkers

Name of the conference: Heart Failure – Clinical Practice Update Course 2024

City of event: El Cairo, Egypt

Date of event: 25/04/2024

End date: 25/04/2024



Organising entity: European Heart Failure Association (HFA)

21 Title of the work: Optimization and Titration After Discharge

Name of the conference: Heart Failure – Clinical Practice Update Course 2024

City of event: El Cairo, Egypt

Date of event: 25/04/2024

End date: 25/04/2024

Organising entity: European Heart Failure Association (HFA)

22 Title of the work: Universal definition and Phenotypes of Heart Failure

Name of the conference: Heart Failure – Clinical Practice Update Course 2024

City of event: El Cairo, Egypt

Date of event: 25/04/2024

End date: 25/04/2024

Organising entity: European Heart Failure Association (HFA)

23 Title of the work: Are biomarkers useful to guide decongestive therapies?

Name of the conference: 5th edition of Spring Conference of the Romanian Society of Cardiology

Date of event: 17/04/2024

End date: 20/04/2024

Organising entity: Romanian Society Of Cardiology

City organizing entity: Sibiu, Romania

24 Title of the work: The various forms of HFpEF

Name of the conference: HFA Winter Research Meeting

City of event: Nice, France

Date of event: 20/03/2024

End date: 21/03/2024

Organising entity: Heart Failure Association

25 Title of the work: Peptide for Life- P4Life

Name of the conference: HFA Summit 2024

City of event: Bucharest, Romania

Date of event: 29/02/2024

End date: 01/03/2024

Organising entity: European Society of Cardiology

26 Title of the work: Peptides for Life

Name of the conference: BSH Annual Meeting

City of event: London, United Kingdom

Date of event: 30/11/2023

End date: 30/11/2023

Organising entity: British Society for Heart Failure

27 Title of the work: How can NT-proBNP levels be used to assess the severity of HF and impact discharge planning

Name of the conference: ProCardio LATAM 2023

City of event: São Paulo, Brazil

Date of event: 27/11/2023

End date: 27/11/2023

Organising entity: Roche Diagnostics, S.L.

Type of entity: Business



- 28** **Title of the work:** How to better use biomarkers in Heart Failure
Name of the conference: BRESCIA CUORE 2023
City of event: Brescia (Online), Lombardia, Italy
Date of event: 25/11/2023
Organising entity: University of Brescia
- 29** **Title of the work:** Surrogate endpoints: which ones and when?
Name of the conference: HFA Clinical Trials in Heart Failure Course 2023
City of event: Sorrento, Campania, Italy
Date of event: 17/11/2023
End date: 19/11/2023
Organising entity: Heart Failure Association
- 30** **Title of the work:** ¿El agente olvidado de la IC? La importancia del remodelado cardiaco inverso.
Name of the conference: SEC Congress 2023
City of event: Málaga, Andalusia, Spain
Date of event: 26/10/2023
End date: 28/10/2023
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 31** **Title of the work:** State of the Art and Future Direction in Translational Research
Name of the conference: 27th Annual Scientific Meeting of the Japan, JHFS2023
City of event: Yokohama, Japan
Date of event: 05/10/2023
End date: 08/10/2023
- 32** **Title of the work:** 2023 HF ESC guidelines: The hotlines
Name of the conference: 26th Maghrebin Congress of Cardiology & the 43rd Tunisian congress of Cardiology and Cardiovascular Surgery & the 10th Congress of the Association of Cardiovascular Physicians of Sfax
City of event: Djerba, Tunisia
Date of event: 21/09/2023
End date: 23/09/2023
- 33** **Title of the work:** How to sequence, how to up titrate in 2023?
Name of the conference: 26th Maghrebin Congress of Cardiology & the 43rd Tunisian congress of Cardiology and Cardiovascular Surgery & the 10th Congress of the Association of Cardiovascular Physicians of Sfax
City of event: Djerba, Tunisia
Date of event: 21/09/2023
End date: 23/09/2023
- 34** **Title of the work:** SGLT2 Inhibitors: Real-Life Experience and Insights
Name of the conference: 26th Maghrebin Congress of Cardiology & the 43rd Tunisian congress of Cardiology and Cardiovascular Surgery & the 10th Congress of the Association of Cardiovascular Physicians of Sfax
City of event: Djerba, Tunisia
Date of event: 21/09/2023
End date: 23/09/2023



- 35** **Title of the work:** 2023 heart failure guideline recommendations: where do we stand?
Name of the conference: ESC Congress 2023
City of event: Amsterdam,
Date of event: 24/08/2023
End date: 28/08/2023
Organising entity: European Society of Cardiology
- 36** **Title of the work:** Obesity and heart failure: diagnostic dilemmas
Name of the conference: ESC Congress 2023
City of event: Amsterdam,
Date of event: 24/08/2023
End date: 28/08/2023
Organising entity: European Society of Cardiology
- 37** **Title of the work:** Prognostic role of fragility detection in a heart failure clinic using the vulnerable elderly survey scale 13 (VES-13) and a multimodality assessment.
Name of the conference: ESC Congress 2023
City of event: Amsterdam,
Date of event: 24/08/2023
End date: 28/08/2023
Organising entity: European Society of Cardiology
- 38** **Title of the work:** The heart failure challenge: a practical approach to heart failure treatment with SGLT2 inhibitors.
Name of the conference: ESC Congress 2023
City of event: Amsterdam,
Date of event: 24/08/2023
End date: 28/08/2023
Organising entity: European Society of Cardiology
- 39** **Title of the work:** Use of biomarkers in heart failure
Name of the conference: PCHF London Module 1
City of event: London, United Kingdom
Date of event: 21/06/2023
End date: 24/06/2023
Organising entity: Royal Brompton and Harefield hospitals
- 40** **Title of the work:** Biomarkers in Heart Failure
Name of the conference: Heart Failure International Forum
City of event: Bucharest, Romania
Date of event: 09/06/2023
End date: 10/06/2023
Organising entity: Heart Failure Association
- 41** **Title of the work:** Cardiac rhythm management devices: a cornerstone of heart failure care
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association



- 42** **Title of the work:** Diabetic cardiomyopathy in heart failure: a new target for therapy
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association
- 43** **Title of the work:** Early diagnosis of heart failure: the next target
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association
- 44** **Title of the work:** State of the art: are HFpEF phenotypes, a needed classification?
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association
- 45** **Title of the work:** Unmet needs in HFpEF diagnosis
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association
- 46** **Title of the work:** Worsening heart failure: a critical event
Name of the conference: Heart Failure 2023
City of event: Prague, Czech Republic
Date of event: 20/05/2023
End date: 23/05/2023
Organising entity: Heart Failure Association
- 47** **Title of the work:** iSGLT-2 y remodelado cardíaco post-IAM: ¿una nueva oportunidad terapéutica?
Name of the conference: Reunión Asociación de Cardiopatía Isquémica y Cuidados Agudos Cardiovasculares
City of event: Madrid, Community of Madrid, Spain
Date of event: 04/05/2023
End date: 05/05/2023
Organising entity: Asociación de Cardiopatía Isquémica y Cuidados Agudos Cardiovasculares
- 48** **Title of the work:** Biomarkers in the diagnosis and management of heart failure
Name of the conference: Heart Failure Program Hybrid 2023
City of event: Dubai, United Arab Emirates
Date of event: 28/04/2023
End date: 29/04/2023
Organising entity: Heart Failure Association



- 49** **Title of the work:** Diabetes and heart failure: two epidemics that collide
Name of the conference: Heart Failure Program Hybrid 2023
City of event: Dubai, United Arab Emirates
Date of event: 28/04/2023
End date: 29/04/2023
Organising entity: Heart Failure Association
- 50** **Title of the work:** Biomarkers
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)
- 51** **Title of the work:** Definition and Epidemiology
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)
- 52** **Title of the work:** Diabetes, CKD
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)
- 53** **Title of the work:** Optimization and Titration Before and After Discharge
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)
- 54** **Title of the work:** Sacubitril/Valsartan. Beta-blockers, Ivabradine and Digoxin
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)
- 55** **Title of the work:** Universal definition and Phenotypes of Heart Failure
Name of the conference: Heart Failure Clinical Practice Update Course
City of event: El Cairo, Egypt
Date of event: 02/03/2023
End date: 03/03/2023
Organising entity: European Heart Failure Association (HFA)



- 56** **Title of the work:** Peptide for Life initiative
Name of the conference: Biomarkers of the Future
City of event: Paris, France
Date of event: 15/11/2022
End date: 16/11/2022
Organising entity: Formerly the Biomarker Meeting of Paris
- 57** **Title of the work:** Avances y desafíos en la investigación biomédica en las 1ª décadas del s.XXII
Name of the conference: Congreso SEC 2022
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 21/10/2022
End date: 22/10/2022
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 58** **Title of the work:** Insuficiencia cardíaca en 2022: ¿Estamos listos para el cambio?
Name of the conference: Congreso SEC 2022
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 21/10/2022
End date: 22/10/2022
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 59** **Title of the work:** Terapia con células madre: ¿Esperanza o realidad?
Name of the conference: Congreso SEC 2022
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 21/10/2022
End date: 22/10/2022
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 60** **Title of the work:** Acute heart failure: what to do pre- and post-discharge
Name of the conference: ESC Congress Barcelona 2022
City of event: Barcelona, Catalonia, Spain
Date of event: 27/08/2022
End date: 29/08/2022
Organising entity: European Society of Cardiology
- 61** **Title of the work:** From diagnosis to treatment: optimizing the management of HFrEF across the cardiovascular continuum
Name of the conference: ESC Congress Barcelona 2022
City of event: Barcelona, Catalonia, Spain
Date of event: 27/08/2022
End date: 29/08/2022
Organising entity: European Society of Cardiology
- 62** **Title of the work:** Treatment across the cardiovascular continuum
Name of the conference: ESC Congress Barcelona 2022
City of event: Barcelona, Catalonia, Spain
Date of event: 27/08/2022
End date: 29/08/2022



Organising entity: European Society of Cardiology

63 Title of the work: How monitoring and controlling pulmonary artery pressures can benefit my patient?

Name of the conference: ESC Congress Barcelona 2022

City of event: Barcelona, Catalonia, Spain

Date of event: 26/08/2022

End date: 29/08/2022

Organising entity: European Society of Cardiology

64 Title of the work: Treatment of heart failure in the 21st century

Name of the conference: Catalan Society of Cardiology Congress 2022

City of event: Barcelona, Catalonia, Spain

Date of event: 02/06/2022

End date: 03/06/2022

Organising entity: Catalan Society of Cardiology

65 Title of the work: Monitoring of biomarker changes during hospitalisation

Name of the conference: Heart Failure 2022

City of event: Madrid, Community of Madrid, Spain

Date of event: 22/05/2022

End date: 24/05/2022

Organising entity: European Society of Cardiology

66 Title of the work: The Peptide for Life initiative: a call for action

Name of the conference: Heart Failure 2022

City of event: Madrid, Community of Madrid, Spain

Date of event: 21/05/2022

End date: 24/05/2022

Organising entity: European Society of Cardiology

67 Title of the work: Unleashing the potential benefits of guideline-directed heart failure treatments

Name of the conference: Heart Failure 2022

City of event: Madrid, Community of Madrid, Spain

Date of event: 21/05/2022

End date: 24/05/2022

Organising entity: European Society of Cardiology

68 Title of the work: 2021 ESC Guidelines in heart failure management: daily clinical practice enhancement

Name of the conference: EHRA 2022

City of event: Copenhagen, Denmark

Date of event: 03/04/2022

Organising entity: European Society of Cardiology

69 Title of the work: Nuevos datos epidemiológicos, innovaciones tecnológicas y avances científicos en el área cardiovascular

Name of the conference: Congreso SEC 2021

City of event: Zaragoza, Aragon, Spain

Date of event: 29/10/2021

End date: 30/10/2021

Organising entity: Sociedad Española de Cardiología

Type of entity: Associations and Groups



- 70** **Title of the work:** Why dapagliflozina represents the advancement of 2021 in the treatment of IC-FEr
Name of the conference: Catalan Society of Cardiology Congress 2021
City of event: Online,
Date of event: 15/09/2021
End date: 17/09/2021
Organising entity: Catalan Society of Cardiology
- 71** **Title of the work:** IC con FEVI preservada
Name of the conference: Reunión de la Asociación de Insuficiencia Cardíaca de la SEC
City of event: online, Spain
Date of event: 11/09/2021
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 72** **Title of the work:** The value of NT-proBNP in Cardiovascular Risk Stratification and Optimization of Cardioprotective Treatment among Patients with Type 2 Diabetes
Name of the conference: ESC Congress 2021 – The Digital Experience
City of event: Online,
Date of event: 29/08/2021
End date: 30/08/2021
Organising entity: European Society of Cardiology
- 73** **Title of the work:** Progress in a complex disease - clinical and real-world evidence in heart failure treatment
Name of the conference: ESC Congress 2021 – The Digital Experience
City of event: Online,
Date of event: 28/08/2021
End date: 30/08/2021
Organising entity: European Society of Cardiology
- 74** **Title of the work:** What are the 'must haves' in heart failure pharmacological treatment and why?
Name of the conference: ESC Congress 2021 – The Digital Experience
City of event: Online,
Date of event: 27/08/2021
End date: 30/08/2021
Organising entity: European Society of Cardiology
- 75** **Title of the work:** Future of Heart Failure
Name of the conference: Future of Heart Failure
City of event: Barcelona, Spain
Date of event: 17/08/2021
Organising entity: Abbott Laboratories, S.A.
Type of entity: Business
- 76** **Title of the work:** Basic Science section (HF Board)
Name of the conference: Heart Failure Congress 2021
City of event: Bolonia, Italy
Date of event: 29/06/2021
End date: 01/07/2021
Organising entity: European Society of Cardiology



- 77** **Title of the work:** Novel biomarkers in acute and chronic HF. A call of action.
Name of the conference: The medical value of biomarkers in cardiovascular disease management.
City of event: Leuven, Belgium
Date of event: 23/10/2019
End date: 23/10/2019
Organising entity: UZ Leuven, Cardiovascular Disease Department
City organizing entity: Leuven,
- 78** **Title of the work:** Terapias Avanzadas en Cardiología: Regeneración
Name of the conference: Congeso 2019 Sociedad Española de Cardiología
City of event: Barcelona, Spain
Date of event: 17/10/2019
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 79** **Title of the work:** ¿Cuál es el mejor tratamiento para el paciente con I.C.? Hacia un tratamiento integral.
Name of the conference: Congreso 2019 Sociedad Española de Cardiología
City of event: Barcelona, Spain
Date of event: 17/10/2019
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
- 80** **Title of the work:** Cardiovascular Disease - Precision Cardiology and Heart Regeneration
Name of the conference: 1st IGTP PI Scientific Retreat
City of event: BADALONA, Spain
Date of event: 18/06/2019
Organising entity: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 81** **Title of the work:** Bloqueo Interauricular: Nuevos conceptos
Name of the conference: XXVII Congreso Interamericano de Cardiología
City of event: Punta Cana, Dominican Republic
Date of event: 15/05/2019
End date: 18/05/2019
Organising entity: Sociedad Interamericana de Cardiología
- 82** **Title of the work:** Perspectivas en la investigación con productos sanitarios.
Name of the conference: XXX REUNIÓN SECCIÓN DE HEMODINÁMICA Y CARDIOLOGIA INTERVENCIONISTA
City of event: Ibiza, Saint Barthélemy
Date of event: 09/05/2019
End date: 10/05/2019
Organising entity: Sociedad Española de Cardiología
Type of entity: Associations and Groups
City organizing entity: Spain
- 83** **Title of the work:** Ingeniería tisular cardíaca: presente y futuro
Name of the conference: Nuevas tecnologías para las Enfermedades Cardiovasculares - CAR_BIO y TEC 2019
City of event: Valencia, Spain
Date of event: 06/05/2019



Organising entity: Cátedra Cardiovascular EVES / FERRER/ UPV

- 84 Title of the work:** Heart Failure induces tumor growth: mechanisms
Name of the conference: HFA TRANSLATIONAL RESEARCH COMMITTEE & STUDY GROUP OF CARDIO-ONCOLOGY WORKSHOP
City of event: BRUSSELS, Belgium
Date of event: 19/03/2019
Organising entity: HFA HEART FAILURE ASSOCIATION
- 85 Title of the work:** Cardiac engineering and gene manipulation
Name of the conference: HFA WINTER MEETING TRANSLATIONAL HEART FAILURE RESEARCH
City of event: Les Diablerets, Switzerland
Date of event: 24/01/2019
End date: 26/01/2019
Organising entity: European Society of Cardiology
- 86 Title of the work:** Acute heart failure and troponin elevation - Conclusion and take home message
Name of the conference: ESC Congress
City of event: Munich, Germany
Date of event: 25/08/2018
End date: 29/08/2018
Organising entity: European Society of Cardiology
- 87 Title of the work:** How to proceed with biomarkers guidance in chronic heart failure? Ready for a prospective intervention trial?
Name of the conference: Meeting on therapy guidance using biomarkers
City of event: Maastricht, Holland
Date of event: 14/06/2018
End date: 15/06/2018
Organising entity: Department of Cardiology, Maastricht University
Type of entity: University
- 88 Title of the work:** Does the stable patient exists in heart failure?
Name of the conference: Catalan Society of Cardiology Congress 2018
City of event: Barcelona, Catalonia, Spain
Date of event: 31/05/2018
End date: 01/06/2018
Organising entity: Catalan Society of Cardiology
Type of entity: Associations and Groups
- 89 Title of the work:** Engineered bioactive cardiac grafts for myocardial regeneration
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Catalonia, Spain
Date of event: 27/09/2017
End date: 27/08/2017
Organising entity: European Society of Cardiology
- 90 Title of the work:** Acute coronary syndrome and cocaine use: prevalence in hospital outcomes. Single-center 14-year experience.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 29/08/2017



Organising entity: European Society of Cardiology

- 91 Title of the work:** Clinical characteristics and one-year change in ejection fraction and outcomes in patients with heart failure with mid range ejection fraction.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 29/08/2017
Organising entity: European Society of Cardiology
- 92 Title of the work:** Microencapsulated insulin like growth factor 1 improves cardiac function after experimental infarction in absence of angiogenesis.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 29/08/2017
Organising entity: European Society of Cardiology
- 93 Title of the work:** An acellular myocardial scaffold optimal for cardiac recovery: proteomic, structural and mechanical characterization.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 28/08/2017
Organising entity: European Society of Cardiology
- 94 Title of the work:** Frailty and quality of life in heart failure patients with mid-range ejection fraction
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 28/08/2017
Organising entity: European Society of Cardiology
- 95 Title of the work:** Growth differentiation factor-15 dynamics and prognosis in ST-elevation myocardial infarction in the PPCI Era
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 28/08/2017
Organising entity: European Society of Cardiology
- 96 Title of the work:** New ECG criteria for the diagnosis of acute myocardial infarction in the presence of left bundle branch block: a multicenter study among patients referred for primary PCI.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 28/08/2017
Organising entity: European Society of Cardiology
- 97 Title of the work:** Risk of mortality and hospitalization in patients with frailty and chronic heart failure: systematic review
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 28/08/2017
Organising entity: European Society of Cardiology



- 98** **Title of the work:** Comparaison between two different neutral decellularized scaffolds after myocardial infraction in swine
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 27/08/2017
Organising entity: European Society of Cardiology
- 99** **Title of the work:** Multimarker panel of cardiac biomarkers in patients with heart failure and mid-range ejection fraction
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 27/08/2017
Organising entity: European Society of Cardiology
- 100** **Title of the work:** Prediction of 30-day heart failure readmission and death with early post-discharge ST2 and NT-proBNP
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 27/08/2017
Organising entity: European Society of Cardiology
- 101** **Title of the work:** The Barcelona-Bio-HF-calculator upgrade: heart failure hospitalization and all-cause death up to 5 years
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 27/08/2017
Organising entity: European Society of Cardiology
- 102** **Title of the work:** How NT-proBNP can help us all along heart failure patient journey: from guidelines to implementation in our daily practice.
Name of the conference: ESC Congress Barcelona 2017
Type of event: Conference
City of event: Barcelona, Catalonia, Spain
Date of event: 26/08/2017
End date: 30/08/2017
Organising entity: European Society of Cardiology
- 103** **Title of the work:** Evolving concepts in angiogenesis
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Catalonia, Spain
Date of event: 26/08/2017
End date: 30/08/2017
Organising entity: European Society of Cardiology
- 104** **Title of the work:** Frailty, co-morbidities and survival in heart failure patients with mid-range ejection fraction
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 26/08/2017
Organising entity: European Society of Cardiology



- 105 Title of the work:** Primary ventricular fibrillation in the primary PCI STEMI era: The "Codi IAM" multicenter registry.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 26/08/2017
End date: 26/08/2017
Organising entity: European Society of Cardiology
- 106 Title of the work:** Prognostic value of a panel of biomarkers in heart failure with mid-range ejection fraction.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 26/08/2017
End date: 26/08/2017
Organising entity: European Society of Cardiology
- 107 Title of the work:** Silver linings on the horizon of cell therapy
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Catalonia, Spain
Date of event: 26/08/2017
End date: 30/08/2017
Organising entity: European Society of Cardiology
- 108 Title of the work:** Very long-term monitoring of left ventricular function in patients with HFrEF and HFmrEF.
Name of the conference: ESC Congress Barcelona 2017
City of event: Barcelona, Spain
Date of event: 26/08/2017
End date: 26/08/2017
Organising entity: European Society of Cardiology
- 109 Title of the work:** Advances in Cardiology
Name of the conference: Asian Pacific Society of Cardiology
City of event: Singapore, Singapore
Date of event: 13/07/2017
Organising entity: Asian Pacific Society of Cardiology
- 110 Title of the work:** Bioengineered grafts for the infarcted heart
Name of the conference: Basic Science Summer School
Type of event: Conference
City of event: Sophia Antipolis, Provence-Alpes-Côte d'Azur, France
Date of event: 18/06/2017
End date: 22/07/2017
Organising entity: European Society of Cardiology, Council on Basic Science
 Available on-line at:
<https://www.escardio.org/Education/Courses/Organised/Basic-science-summer-school#>>.
- 111 Title of the work:** STEMI in the era of reperfusion and optimal medical therapy. Do we really need regenerative therapies?
Name of the conference: 14th International Symposium on Stem Cell Therapy and Cardiovascular Innovations
City of event: Madrid, Community of Madrid, Spain
Date of event: 15/06/2017



End date: 16/06/2017

Organising entity: European Society of Cardiology

112 Title of the work: Newer biomarkers in heart failure

Name of the conference: 22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine "EuroMedLab Athens 2017"

City of event: Athens, Greece

Date of event: 13/06/2017

End date: 15/06/2017

Organising entity: Greek Society of Clinical Chemistry - Clinical Biochemistry (GSCC-CB)

113 Title of the work: Natriuretic peptides in era of ARNi drugs: The laboratory matters

Name of the conference: 22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine "EuroMedLab Athens 2017"

City of event: Athens, Greece

Date of event: 12/06/2017

End date: 15/06/2017

Organising entity: Greek Society of Clinical Chemistry - Clinical Biochemistry (GSCC-CB)

114 Title of the work: GUIDELINES IN DAILY PRACTICE II Management in Outpatient Center

Name of the conference: HEART FAILURE CONGRESS

City of event: París, Île de France, France

Date of event: 29/04/2017

End date: 02/05/2017

Organising entity: European Society of Cardiology, Heart Failure Association of the ESC (HFA).

115 Title of the work: Soluble Neprilysin compared to NTproBNP for heart failure risk stratification in ambulatory patients

Name of the conference: Congress of the European Society of Cardiology

City of event: London,

Date of event: 29/08/2016

Organising entity: European Society of Cardiology

Bayes-Genis A Barallat J et al.

116 Title of the work: An allogeneic bioengineered myocardial graft limits infarct size and improves cardiac function

Name of the conference: Congress of European Society of Cardiology

City of event: Rome,

Date of event: 26/08/2016

Organising entity: European Society of Cardiology

Perea-Gil I Prat-Vidal C et al.

117 Title of the work: Non-invasive evaluation of an engineered bioactive graft using impedance spectroscopy after myocardial infarction in swine

Name of the conference: Congress of European Society of Cardiology

City of event: Rome,

Date of event: 26/08/2016

Organising entity: European Society of Cardiology

Galvez-Monton C Bragos R et al.



- 118 Title of the work:** Serum neprilysin and recurrent hospitalizations in ambulatory patients with heart failure
Name of the conference: Congress of European Society of Cardiology
City of event: Rome,
Date of event: 26/08/2016
Organising entity: European Society of Cardiology
Bayes-Genis A Nunez J Domingo M et al.
- 119 Title of the work:** Three engineered allogeneic porcine iPSCs scaffolds after myocardial infarction in swine
Name of the conference: Congress of European Society of Cardiology
City of event: Rome,
Date of event: 26/08/2016
Organising entity: European Society of Cardiology
Galvez-Monton C Soler-Botija C et al.
- 120 Title of the work:** An allogenic bioengineered myocardial grafts limits infarct size and improves cardiac function: pre-clinical study in the porcine myocardial infarction model
Name of the conference: Tissue Engineering and Regenerative Medicine International Society 2016
City of event: Uppsala,
Date of event: 28/06/2016
Perea-Gil I Prat-Vidal C et al.
- 121 Title of the work:** Mechanical stretching on cardiac adipose progenitors upregulates sarcomere-related genes
Name of the conference: Tissue Engineering and Regenerative Medicine International Society 2016
City of event: Uppsala,
Date of event: 28/06/2016
Llucia-Valldeperas A Soler-Botija C et al.
- 122 Title of the work:** Non-invasive evaluation of an engineered bioactive graft using impedance spectroscopy after myocardial infarction in swine
Name of the conference: Tissue Engineering and Regenerative Medicine International Society 2016
City of event: Uppsala,
Date of event: 28/06/2016
Glavez-Monton C Bragos R et al.
- 123 Title of the work:** Three engineered allogeneic porcine iPSCs scaffolds after myocardial infarction in swine
Name of the conference: Tissue Engineering and Regenerative Medicine International Society 2016
City of event: Uppsala,
Date of event: 28/06/2016
Galvez-Monton C Soler-Botija C et al.
- 124 Title of the work:** Effect of a cell-based bioactive smart patch after myocardial infarction in swine
Name of the conference: Heart Failure Congress
City of event: Lisbon,
Date of event: 25/05/2016
Organising entity: European Society of Cardiology
Galvez-Monton C Prat-Vidal C et al.
- 125 Title of the work:** An allogenic bioengineered myocardial grafts limits infarct size and improves cardiac function: pre-clinical study in the porcine myocardial infarction model
Name of the conference: Heart Failure Congress



City of event: Florence,
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Perea Gil I Prat-Vidal C Galvez-Monton C et al.

126 Title of the work: HFWM: Synchronous electromechanical conditioning of adult cardiac adipose tissue-derived progenitor cells within a fibrin construct drives recovery of cardiac function after myocardial infarction

Name of the conference: Heart Failure Congress
City of event: Florence,
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Soler-Botija C Llucia-Valldeperas et al.

127 Title of the work: Mechanical stretching on cardiac adipose progenitors upregulates sarcomere-related genes

Name of the conference: Heart Failure Congress
City of event: Florence, Italy
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Llucia-Valldeperas A Soler-Botija C et al.

128 Title of the work: Non-invasive evaluation of an engineered bioactive graft using impedance spectroscopy after myocardial infarction in swine

Name of the conference: Heart Failure Congress
City of event: Florence,
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Galvez-Monton C Bragos R Soler-Botija C et al.

129 Title of the work: Novel brilliant violet-based flow cytometric method for simultaneous assessment of monocyte subsets and telomere length in heart failure patients

Name of the conference: Heart Failure Congress
City of event: Florence,
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Roura S Alvarez I Elchinova E et al.

130 Title of the work: Three engineered allogeneic porcine iPSCs scaffolds after myocardial infarction in swine

Name of the conference: Heart Failure Congress
City of event: Florence,
Date of event: 21/05/2016
Organising entity: European Society of Cardiology
Galvez-Monton C Soler-Botija C et al.

131 Title of the work: Physiologically trained cardiac adipose tissue derived progenitor cells within fibrin scaffolds to improve cardiac function

Name of the conference: Tissue Engineering International Regenerative Medicine Society 2015
City of event: Boston,
Date of event: 08/09/2015
Llucia-Valldeperas A Soler-Botija C et al.



- 132 Title of the work:** A novel cardiac bioprosthesis for myocardial repair
Name of the conference: Congress of the European Society of Cardiology
City of event: London,
Date of event: 29/08/2015
Organising entity: European Society of Cardiology
Perea-Gil I Prat-Vidal C et al.
- 133 Title of the work:** Clinical correlates of soluble neprilysin concentration in patients with acute heart failure
Name of the conference: Congress of the European Society of Cardiology
City of event: London,
Date of event: 29/08/2015
Organising entity: European Society of Cardiology
Navarro M Perez MARTINEZ MT et al.
- 134 Title of the work:** Physiologically trained cardiac adipose tissue derived progenitor cells within fibrin scaffolds to improve cardiac function
Name of the conference: Congress of the European Society of Cardiology
City of event: London,
Date of event: 29/08/2015
Organising entity: European Society of Cardiology
Llucia-Vallderas A Soler-Botija C et al.
- 135 Title of the work:** Soluble Neprilysin in acute heart failure: prognostic value and kinetics
Name of the conference: Congress of the European Society of Cardiology
City of event: London,
Date of event: 29/08/2015
Organising entity: European Society of Cardiology
Bayes-Genis A Barallat J et al.
- 136 Title of the work:** A novel myocardial bioprosthesis for cardiac regeneration
Name of the conference: Heart Failure Congress
City of event: Seville,
Date of event: 23/05/2015
Organising entity: European Society of Cardiology
Perea-Gil I Prat-Vidal C et al.
- 137 Title of the work:** Neoinnervation and neovascularization in decellularized pericardial implants after myocardial infarction in swine
Name of the conference: Heart Failure Congress
City of event: Seville,
Date of event: 23/05/2015
Organising entity: European Society of Cardiology
Galvez-Monton C Fernandez-Figueras MT et al.
- 138 Title of the work:** Physical activity in daily life in heart failure patients living in two european countries
Name of the conference: Heart Failure Congress
City of event: Seville,
Date of event: 23/05/2015
Organising entity: European Society of Cardiology
Klompstra L Stromberg A et al.



- 139 Title of the work:** Physiologically trained cardiac adipose tissue derived progenitor cells within fibrin scaffolds restore post-infarction scars
Name of the conference: Heart Failure Congress
City of event: Seville,
Date of event: 23/05/2015
Organising entity: European Society of Cardiology
Llucia-Vallderas A Soler-Botija C et al.
- 140 Title of the work:** Three-dimensionally engineered fibrin patch comprising human umbilical cord blood-derived mesenchymal stem cells induces a post-infarction functional recovery in mice
Name of the conference: Heart Failure Congress
City of event: Seville,
Date of event: 23/05/2015
Organising entity: European Society of Cardiology
Soler-Botija C Roura S Bago JR et al.
- 141 Title of the work:** Different left atrial remodelling patterns on the underlying cardiopathy and its implication on left atrial measurements
Name of the conference: EuroEcho Imaging 2014
City of event: Vienna,
Date of event: 06/12/2014
Gual Capllonch F Lopez J et al.
- 142 Title of the work:** A new wearable textile vests for pulmonary congestion tracking in acutely decompensated heart failure in patients: a pilot study
Name of the conference: Congress of the European Society of Cardiology
City of event: Barcelona,
Date of event: 30/08/2014
Gastelurrutia P Cuba-Gyllesten I et al.
- 143 Title of the work:** Development of a new biomarker-assisted score for reverse remodelling prediction in heart failure: the ST2-R2
Name of the conference: Congress of the European Society of Cardiology
City of event: Barcelona,
Date of event: 30/08/2014
Organising entity: European Society of Cardiology
Lupon J De Antonio M et al.
- 144 Title of the work:** Galectin-3 in heart failure patients: marker or mediator of renal insufficiency?
Name of the conference: Congress of the European Society of Cardiology
City of event: Barcelona,
Date of event: 30/08/2014
Zamora E Lupon J et al.
- 145 Title of the work:** Constructing a new myocardial bioprosthesis for cardiac repair
Name of the conference: Frontiers in Cardiovascular Biology
City of event: Barcelona,
Date of event: 04/07/2014
Prat-Vidal C Galvez-Monton C et al.



- 146 Title of the work:** Constructing a new myocardial bioprosthesis for cardiac repair
Name of the conference: 11th International symposium on stem cell therapy and cardiovascular innovations
Date of event: 29/05/2014
Prat-Vidal C Gálvez-Montón C et al.
- 147 Title of the work:** Constructing a new myocardial bioprosthesis for cardiac repair
Name of the conference: Heart Failure Congress
City of event: Athens,
Date of event: 17/05/2014
Organising entity: European Society of Cardiology
Prat-Vidal C Galvez-Monton C et al.
- 148 Title of the work:** Obtention and characterization of acellular myocardial scaffold for cardiac tissue engineering
Name of the conference: Heart Failure Congress
City of event: Athens,
Date of event: 17/05/2014
Organising entity: European Society of Cardiology
Perea Gil I Uriarte JJ et al.
- 149 Title of the work:** Physiological conditioning of human cardiomyocyte progenitor cells driven by electrical stimulation
Name of the conference: Heart Failure Congress
City of event: Athens,
Date of event: 17/05/2014
Organising entity: European Society of Cardiology
Llucia-Valldeperas A Sanchez B et al.
- 150 Title of the work:** Preclinical myocardial infarct model: is coronary coil development better than surgical ligation?
Name of the conference: Heart Failure Congress
City of event: Athens,
Date of event: 17/05/2014
Organising entity: European Society of Cardiology
Galvez-Monton C Prat-Vidal C et al.
- 151 Title of the work:** Risk stratification of chronic heart failure with a multi-marker panel
Name of the conference: Heart Failure Congress
City of event: Athens,
Date of event: 17/05/2014
Organising entity: European Society of Cardiology
Bayes-Genis A.
- 152 Title of the work:** Long-term mortality risk stratification in heart failure using classification and regression trees with a combination of biomarkers
Name of the conference: Congress of the European Society of Cardiology
City of event: Amsterdam,
Date of event: 31/08/2013
Organising entity: European Society of Cardiology
Lupon J De Antonio M et al.



- 153 Title of the work:** A new 3D cell-based cardiac bioactive patch for myocardial infarction: a pilot study in swine
Name of the conference: Tissue Engineering International and Regenerative Medicine Society 2013
City of event: Istanbul,
Date of event: 17/06/2013
Organising entity: TERMIS
Prat-Vidal C Gálvez-Montón C et al.
- 154 Title of the work:** Effect of a cell-based bioactive smart patch after myocardial infarction in swine
Name of the conference: Tissue Engineering International and Regenerative Medicine Society 2013
City of event: Istanbul,
Date of event: 17/06/2013
Organising entity: TERMIS
Gálvez-Montón C Prat-Vidal C et al.
- 155 Title of the work:** Simultaneous electromechanical stimulation of ATDPCs for cardiac regeneration
Name of the conference: Tissue Engineering International and Regenerative Medicine Society 2013
City of event: Istanbul,
Date of event: 17/06/2013
Organising entity: TERMIS
Llucia-Valldeperas A Sanchez B et al.
- 156 Title of the work:** Novel Biomarkers for Heart Failure
Name of the conference: Philippine heart association scientific meeting 2013
City of event: Manila, Philippines
Date of event: 30/05/2013
Organising entity: Philippine Heart Association
- 157 Title of the work:** ST2in heart failure: a new paradigm for patient risk stratification
Name of the conference: Philippine heart association scientific meeting 2013
City of event: Manila, Philippines
Date of event: 29/05/2013
Organising entity: Philippine heart association
- 158 Title of the work:** De novo troponin I expression in subcutaneous adipose tissue-derived progenitor cells (ATDPCs) seeded into a bioimplant and transplanted in a mouse model of myocardial infarction
Name of the conference: Heart Failure Congress
City of event: Lisbon,
Date of event: 25/05/2013
Organising entity: European Society of Cardiology
Soler-Botija C Bago JR et al.
- 159 Title of the work:** Development of a new 3D cell-based bioactive patch for myocardial infarction: a pilot study in swine
Name of the conference: Heart Failure Congress
City of event: Lisbon,
Date of event: 25/05/2013
Organising entity: European Society of Cardiology
Prat-Vidal C Gálvez-Montón C et al.



- 160 Title of the work:** Mechanical cell conditioning of subATDPCs for cardiac regeneration therapy
Name of the conference: Heart Failure Congress
City of event: Lisbon,
Date of event: 25/05/2013
Organising entity: European Society of Cardiology
Llucia-Valleperas A Sanchez B et al.
- 161 Title of the work:** Molecular machinery regulating angiogenesis is common to umbilical cord blood-derived mesenchymal stem cells and mature endothelial cells
Name of the conference: Heart Failure Congress
City of event: Lisbon,
Date of event: 25/05/2013
Organising entity: European Society of Cardiology
Roura S Bago JR et al.
- 162 Title of the work:** Cardiac Regeneration, a translational approach
Name of the conference: Regenerative Medicine today and tomorrow
City of event: Barcelona, Spain
Date of event: 24/05/2013
Organising entity: Institut Químic de Sarrià (IQS)
City organizing entity: Barcelona,
- 163 Title of the work:** Alogeneic adipose tissue-derived stem cells in myocardial infarction: immune response and timing of administration
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
Heras M. Solanes N. Roura S. et al.
- 164 Title of the work:** In vivo non-invasive bioluminescence imaging monitoring of cTnI and CD31 gene expression in cardiac adipose tissue-derived progenitor cells (ATDPCs) implanted in a mouse model of myocardial infarction
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
Soler-Botija C. Bago J. R. Llucia-Valleperas.
- 165 Title of the work:** Lower pulse pressure predicts mortality in patients with heart failure with preserved (HF-PEF) and reduced left ventricular ejection fraction (HF-REF)
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
Jackson C. E. Doughty R. N. Poppe K. et al.



- 166 Title of the work:** Prognostic value of hs-troponin T versus hs-troponin I in chronic heart failure
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
 De Antonio M. Lupon J. Galan A. et al.
- 167 Title of the work:** Are functional and absolute iron deficiencies equally detrimental in heart failure?
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/09/2012
Organising entity: European Society of Cardiology
 De Antonio M. Lupon J. Comin J. et al.
- 168 Title of the work:** Cystatin-C in chronic heart failure: prognostic significance alone and together with estimated glomerular filtration
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
 Zamora E. Lupon J. De Antonio M. et al.
- 169 Title of the work:** Must NT-proBNP be always included in a multimarker strategy for prognosis in heart failure?
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
 Lupon J. De Antonio M. Vila J. et al.
- 170 Title of the work:** Relationship between high sensitivity ST2 levels and renal function in heart failure
Name of the conference: Congress of the European Society of Cardiology
City of event: Munich, Germany
Date of event: 25/08/2012
End date: 29/08/2012
Organising entity: European Society of Cardiology
 Bayes-Genis A. De Antonio M. Galan A. et al.
- 171 Title of the work:** Human umbilical cord blood-derived mesenchymal stem cells induce vascular endothelial growth in vivo
Name of the conference: 2nd Congress of the European Society of Cardiology Council on Basic Cardiovascular Science - Frontiers in Cardiovascular Biology
City of event: Londres, United Kingdom
Date of event: 30/03/2012
End date: 01/04/2012
Organising entity: European Society of Cardiology
 Roura Ferrer S. Rodriguez Bago J. Soler-Botija.



- 172 Title of the work:** INTRACORONARY ADMINISTRATION OF ALLOGENEIC ADIPOSE TISSUE-DERIVED STEM CELLS IN A PORCINE MODEL OF ACUTE MYOCARDIAL INFARCTION: STUDY OF IMMUNE RESPONSE AND TIMING OF ADMINISTRATION
Name of the conference: 61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)
City of event: Chicago, United States of America
Date of event: 24/03/2012
End date: 27/03/2012
Organising entity: American College of Cardiology
 Heras Magdalena Solanes Nuria Roura Santiago.
- 173 Title of the work:** A bird's-eye view of cell therapy and tissue engineering for cardiac regeneration
Name of the conference: Conference on Evolving Challenges in Promoting Cardiovascular Health
City of event: Barcelona, Spain
Date of event: 04/11/2011
End date: 05/11/2011
Organising entity: New York Academy of Sciences, "la Caixa" Foundation, and the International Center for Scientific Debate (ICSD)
 Soler-Botija Carolina Bago Juli R. Bayes-Genis.
- 174 Title of the work:** Umbilical cord blood for cardiovascular cell therapy: from promise to fact
Name of the conference: Conference on Evolving Challenges in Promoting Cardiovascular Health
City of event: Barcelona, Spain
Date of event: 04/11/2011
End date: 05/11/2011
Organising entity: New York Academy of Sciences, "la Caixa" Foundation, and the International Center for Scientific Debate (ICSD)
 Roura Santiago Pujal Josep-Maria Bayes-Genis.
- 175 Title of the work:** Coronary plaque characterization using 40 MHz IVUS radiofrequency: a fusion study of in vivo and ex vivo data
Name of the conference: Congress of the European Society of Cardiology
City of event: Estocolmo, Sweden
Date of event: 28/08/2010
End date: 01/09/2010
Organising entity: European Society of Cardiology
 Rodriguez Leor O. Ciompi F. Hemetsberger R.
- 176 Title of the work:** Ca²⁺-handling disturbances induced by hypertriglyceridemia are enhanced by hypoxia in rat neonatal cardiomyocytes
Name of the conference: Congress of the European Society of Cardiology
City of event: Estocolmo, Sweden
Date of event: 28/08/2010
End date: 01/09/2010
Organising entity: European Society of Cardiology
 Castellano J. Fernandes J. Farre J. et al.
- 177 Title of the work:** Prognostic value of discharge levels of N-terminal pro-brain natriuretic peptide in 1301 patients admitted for acutely decompensated heart failure: a European Collaborative Study
Name of the conference: Congress of the European Society of Cardiology
City of event: Estocolmo, Sweden



Date of event: 28/08/2010

End date: 01/09/2010

Organising entity: European Society of Cardiology
Salah K. Kok W. E. M. Eurlings L. W. et al.

178 Title of the work: An overview of the clinical use of NTproBP testing for diagnosis; prognosis and therapy monitoring of heart failure.

Name of the conference: Cardiac Markers Workshop

City of event: Beijing, China

Date of event: 2010

179 Title of the work: What Predicts Troponin Release in Acutely Decompensated Heart Failure?

Name of the conference: 13th Annual Scientific Meeting of the Heart Failure Society of America

City of event: Boston, United States of America

Date of event: 13/09/2009

End date: 16/09/2009

Organising entity: Heart Failure Society of America
Shah Ravi V. Richards A. Mark Bayes-Genis Ant.

180 Title of the work: Predictors and Ramifications of Worsening Renal Function in Acutely Destabilized Heart Failure: Results from the ICON Study

Name of the conference: 13th Annual Scientific Meeting of the Heart Failure Society of America

City of event: Boston, United States of America

Date of event: 13/09/2009

End date: 16/09/2009

Organising entity: Heart Failure Society of America
Shah Ravi V. Richards A. Mark Bayes-Genis Ant.

181 Title of the work: Implantable Bioimpedance Monitor using ZigBee

Name of the conference: Annual International Conference of the IEEE-Engineering in Medicine and Biology Society

City of event: Minneapolis, United States of America

Date of event: 03/09/2009

End date: 06/09/2009

Organising entity: IEEE-Engineering in Medicine and Biology Society
Bogonez-Franco P. Bragos R. Bayes-Genis A. e.

182 Title of the work: Myocardial Regeneration With Autologous Mesenchymal Stem Cells in A Porcine Model Of Myocardial Infarction

Name of the conference: 58th Annual Scientific Session of the American College of Cardiology

City of event: Orlando, United States of America

Date of event: 28/03/2009

End date: 31/03/2009

Organising entity: American College of Cardiology
Rigol Montserrat Solanes Nuria Farre Jordi e.

183 Title of the work: Risk Stratification of Mortality in Congestive Heart Failure Patients With Ejection Fraction > 35%

Name of the conference: 58th Annual Scientific Session of the American College of Cardiology

City of event: Orlando, United States of America

Date of event: 28/03/2009



End date: 31/03/2009

Organising entity: American College of Cardiology

Cygankiewicz Iwona Zareba Wojciech Vazquez Ra.

184 Title of the work: Soluble ST-2 Concentrations to Predict Sudden Cardiac Death in Stable Heart Failure Patients

Name of the conference: 81st Annual Scientific Session of the American Heart Association

City of event: Nueva Orleans, United States of America

Date of event: 08/11/2008

End date: 12/11/2008

Organising entity: American Heart Association

Bayes-Genis Anton Pascual-Figal Domingo Vazque.

185 Title of the work: Characterization off Periodic and non-Periodic Breathing Pattern in Chronic Heart Failure Patients

Name of the conference: 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society

City of event: Vancouver, Canada

Date of event: 20/08/2008

End date: 24/08/2008

Organising entity: IEEE Engineering in Medicine and Biology Society

Garde Ainara Giraldo Beatriz F. Jane Raimon.

186 Title of the work: A formula combining ST2 and NT-proBNP enhances prognostic accuracy in patients with heart failure

Name of the conference: 60th Annual Meeting of the American Association for Clinical Chemistry

City of event: Washington, United States of America

Date of event: 27/07/2008

End date: 31/07/2008

Organising entity: American Association for Clinical Chemistry

Ordóñez-Llanos J. Bayes-Genis A. Heyman E. e.

187 Title of the work: Four electrode EIS measurement on interdigitated microelectrodes for adherent cell growing and differentiation monitoring

Name of the conference: 13th International Conference on Electrical Bioimpedance/8th Conference on Electrical Impedance Tomography

City of event: Graz, Austria

Date of event: 29/08/2007

End date: 02/09/2007

Organising entity: Graz Univ Technol; IFMBE; XIRC; ISEBI

Sarro E. Fontova A. Soley A. et al.

188 Title of the work: Analysis of respiratory flow signals in chronic heart failure patients with periodic breathing

Name of the conference: Annual International Conference of the IEEE-Engineering in Medicine and Biology Society

City of event: Lyon, France

Date of event: 22/08/2007

End date: 26/08/2007

Organising entity: IEEE-Engineering in Medicine and Biology Society

Garde Ainara Giraldo Beatriz Jane Raimon et.



- 189** **Title of the work:** Evaluation of the equations to estimate the glomerular filtration rate in kidney transplant recipients
Name of the conference: 9th Congress of the Catalan-Transplantation-Society
City of event: Barcelona, Spain
Date of event: 25/02/2007
End date: 28/02/2007
Organising entity: Societat Catalana de Transplantament
Estrada-Zambrano A. Biosca-Adzet C. Bayes-Geni.
- 190** **Title of the work:** Umbilical cord blood-derived stem cells spontaneously express cardiomyogenic traits
Name of the conference: 9th Congress of the Catalan-Transplantation-Society
City of event: Barcelona, Spain
Date of event: 25/02/2007
End date: 28/02/2007
Organising entity: Societat Catalana de Transplantament
Prat-Vidal C. Roura S. Farre J. et al.
- 191** **Title of the work:** Amino-terminal pro-brain natriuretic peptide testing is superior to New York Heart Association classification for prediction of one-year mortality in patients with acute heart failure: Results from the International Collaborative of NT-proBNP Study
Name of the conference: 79th Annual Scientific Session of the American Heart Association
City of event: Chicago, United States of America
Date of event: 12/11/2006
End date: 15/11/2006
Organising entity: American Heart Association
Baggish Aaron L. Richards A. Mark van Kimmenad.
- 192** **Title of the work:** NT-proBNP should be used in the definition of the "Cardio-Renal Syndrome"
Name of the conference: 79th Annual Scientific Session of the American Heart Association
City of event: Chicago, United States of America
Date of event: 12/11/2006
End date: 15/11/2006
Organising entity: American Heart Association
van Kimmenade Roland R. Januzzi James L. Jr.
- 193** **Title of the work:** Understanding amino-terminal pro-B-type natriuretic peptide in obesity
Name of the conference: 79th Annual Scientific Session of the American Heart Association
City of event: Chicago, United States of America
Date of event: 12/11/2006
End date: 15/11/2006
Organising entity: American Heart Association
Bayes-Genis Antoni DeFilippi Christopher Januz.
- 194** **Title of the work:** Atrial fibrillation alters L-type calcium current response to high stimulation frequencies
Name of the conference: World Congress of Cardiology
City of event: Barcelona, Spain
Date of event: 02/09/2006
End date: 06/09/2006
Organising entity: World Heart Federation
Llach A. Hove-Madsen L. Molina C. E. et al.



- 195 Title of the work:** Left atrial enlargement as predictor of all-cause cardiovascular death and sudden cardiac death in patients with congestive heart failure
Name of the conference: World Congress of Cardiology
City of event: Barcelona, Spain
Date of event: 02/09/2006
End date: 06/09/2006
Organising entity: World Heart Federation
 Bayes Genis A. Vazquez R. Puig T. et al.
- 196 Title of the work:** Mesenchymal stem cells isolated from young and elderly donors exhibit similar senescence and myogenic potential in vitro
Name of the conference: World Congress of Cardiology
City of event: Barcelona, Spain
Date of event: 02/09/2006
End date: 06/09/2006
Organising entity: World Heart Federation
 Roura S. Farre J. Soler-Botija C. et al.
- 197 Title of the work:** Relationship between intracellular calcium homeostasis and electrical and mechanical alternans in human atrial myocytes
Name of the conference: World Congress of Cardiology
City of event: Barcelona, Spain
Date of event: 02/09/2006
End date: 06/09/2006
Organising entity: World Heart Federation
 Molina C. E. Hove-Madsen L. Llach A. et al.
- 198 Title of the work:** Systolic blood pressure levels below 120mmhg are associated with a lower survival among heart failure patients independently of left ventricular ejection fraction
Name of the conference: World Congress of Cardiology
City of event: Barcelona, Spain
Date of event: 02/09/2006
End date: 06/09/2006
Organising entity: World Heart Federation
 Grigorian L. Bayes-Genis A. Vazquez R. et al.
- 199 Title of the work:** Four versus two-electrode measurement strategies for cell growing and differentiation monitoring using electrical impedance spectroscopy
Name of the conference: 28th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
City of event: New York, United States of America
Date of event: 30/08/2006
End date: 03/09/2006
Organising entity: IEEE Engineering in Medicine and Biology Society
 Bragos R. Sarro E. Fontova A. et al.
- 200 Title of the work:** Hemoglobin and n-terminal pro-brain natriuretic peptide: Independent and synergistic predictors of mortality in patients with acute heart failure
Name of the conference: 55th Annual Scientific Session of the American College of Cardiology
City of event: Atlanta, United States of America
Date of event: 11/03/2006
End date: 14/03/2006



Organising entity: American College of Cardiology
Baggish AL van Kimmenade R Bayes-Genis A et.

- 201** **Title of the work:** There is nothing grey about it: Dyspnea with intermediate aminoterminal pro-B type natriuretic peptide concentrations
Name of the conference: 55th Annual Scientific Session of the American College of Cardiology
City of event: Atlanta, United States of America
Date of event: 11/03/2006
End date: 14/03/2006
Organising entity: American College of Cardiology
van Kimmenade RR Pinto YM Lainchbury JG et a.
- 202** **Title of the work:** Stem cells for cardiac repair. En "Update in stem cell derivation and cell therapy
Name of the conference: 22nd annual meeting of the European Society of Human Reproduction and Embryology
Date of event: 2006
Organising entity: European Society of Human Reproduction and Embryology
- 203** **Title of the work:** Combining NT-PROBNP and GFR to predict prognosis in patients with heart failure: An analysis from the international collaborative of NT-proBNP (ICON) study
Name of the conference: 78th Annual Scientific Session of the American Heart Association
City of event: Dallas, United States of America
Date of event: 13/11/2005
End date: 16/11/2005
Organising entity: American Heart Association
van Kimmenade RR Januzzi JL Lainchbury JG e.
- 204** **Title of the work:** The importance of serial NT-proBNP testing in heart failure
Name of the conference: 78th Annual Scientific Session of the American Heart Association
City of event: Dallas, United States of America
Date of event: 13/11/2005
End date: 16/11/2005
Organising entity: American Heart Association
Hernandez AF Stebbins A Troughton RW et al.
- 205** **Title of the work:** Pretreatment with corticosteroids attenuates the efficacy of colchicine in preventing recurrent pericarditis: a multi-center all-case analysis
Name of the conference: Congress of the European Society of Cardiology
City of event: Estocolmo, Sweden
Date of event: 03/09/2005
End date: 07/09/2005
Organising entity: European Society of Cardiology
Artom G. Koren-Morag N. Spodic D. H. et al.
- 206** **Title of the work:** Spontaneous intracellular calcium release is increased in dilated and in fibrillating human atria, while reduction of the L-type calcium current requires chronification of the arrhythmia
Name of the conference: Congress of the European Society of Cardiology
City of event: Estocolmo, Sweden
Date of event: 03/09/2005
End date: 07/09/2005
Organising entity: European Society of Cardiology



Hove-Madsen L. Llach A. Molina C. E. et al.

- 207 Title of the work:** The value of NT-proBNP for the evaluation of acute CHF: A multicenter, international meta-analysis of 1256 subjects
Name of the conference: 54th Annual Scientific Session of the American College of Cardiology
City of event: Orlando, United States of America
Date of event: 06/03/2005
End date: 06/03/2005
Organising entity: American College of Cardiology
Januzzi JL van Kimmenade RRJ Lainchbury J et.
- 208 Title of the work:** Identification of cardiomyogenic lineage markers in untreated human bone marrow-derived mesenchymal stem cells
Name of the conference: 8th Congress of the Catalan Transplantation Society
City of event: Barcelona, Spain
Date of event: 06/02/2005
End date: 09/02/2005
Organising entity: Societat Catalana de Transplantament
Bayes-Genis A Roura S Soler-Botija C et al.
- 209 Title of the work:** Increased mobilization of circulating endothelial progenitor cells in dilated cardiomyopathy
Name of the conference: Congress of the European Society of Cardiology 2004
City of event: Munich, Germany
Date of event: 28/08/2004
End date: 01/09/2004
Organising entity: European Society of Cardiology
Bayes-Genis A Roura S Hove-Madsen L et al.
- 210 Title of the work:** Expression and functional activity of adenosine A2A receptors in human atrial myocytes
Name of the conference: Congress of the European Society of Cardiology 2004
City of event: Munich, Germany
Date of event: 28/08/2004
End date: 01/09/2004
Organising entity: European Society of Cardiology
Hove-Madsen L Prats C Llach A et al.
- 211 Title of the work:** Blood-borne hematopoietic cells of-monocyte origin: Precursors to neointimal myofibroblasts after coronary artery injury
Name of the conference: 54th Annual Scientific Session of the American College of Cardiology
City of event: Nueva Orleans, United States of America
Date of event: 07/03/2004
End date: 10/03/2004
Organising entity: American College of Cardiology
Schwartz RS Touchard AG Bayes-Genis A.
- 212 Title of the work:** Fetal cell microchimerism in the heart of women with dilated cardiomyopathy
Name of the conference: Congress of the European Society of Cardiology
City of event: Viena, Austria
Date of event: 30/08/2003
End date: 03/09/2003
Organising entity: European Society of Cardiology



Bayes-Genis A Bellosillo B Salido M et al.

- 213 Title of the work:** Pathologic analysis of 50 out-of-hospital patients with sudden death in a Mediterranean area: Eulalia project
Name of the conference: Congress of the European Society of Cardiology
City of event: Viena, Austria
Date of event: 30/08/2003
End date: 03/09/2003
Organising entity: European Society of Cardiology
Juan JO Borondo JC Guindo J et al.
- 214 Title of the work:** Identification of heart failure by amino terminal brain natriuretic propeptide (NTproBNP) measurements in patients with acute dyspnea. The DAPIC Study.
Name of the conference: 55th Annual Meeting of the American Association for Clinical Chemistry
City of event: Filadelfia, United States of America
Date of event: 20/07/2003
End date: 24/07/2003
Organising entity: American Association for Clinical Chemistry
Zapico-Muniz E Santalo-Bel LL Cotes C et al.
- 215 Title of the work:** Exercise continuous radionuclide LV function monitoring and N-terminal pro-brain natriuretic peptide in patients with chronic heart failure.
Name of the conference: 50th Annual Meeting of the Society of Nuclear Medicine
City of event: Nueva Orleans, United States of America
Date of event: 21/06/2003
End date: 25/06/2003
Organising entity: Society of Nuclear Medicine
Flotats A Zapico E Bayes-Genis A et al.
- 216 Title of the work:** Cell transplantation and local drug delivery systems: Future for cardiovascular therapy
Name of the conference: 12th International Congress on Cardiovascular Pharmacotherapy
Date of event: 2003
- 217 Title of the work:** Insulin-like growth factor binding protein-4 protease produced by smooth muscle cells increases in the coronary artery after angioplasty
Name of the conference: Endo 2000 Meeting
City of event: Toronto, Canada
Date of event: 21/06/2000
End date: 25/06/2000
Organising entity: Endocrine Society
Bayes-Genis A Schwartz RS Lewis DA et al.
- 218 Title of the work:** The clinical significance of markers of coagulation in acute coronary syndromes
Name of the conference: EMBODY 2000 Conference
City of event: Cambridge, United Kingdom
Date of event: 2000
End date: 2000
Badimon L Bayes-Genis A.



- 219 Title of the work:** D-Dimer is an early diagnostic marker of coronary ischemia in patients with chest pain
Name of the conference: World Congress of Cardiology
City of event: Río de Janeiro, Brazil
Date of event: 26/04/1998
End date: 30/04/1998
Organising entity: World Heart Federation
 Bayes-Genis A Mateo J Santalo M et al.
- 220 Title of the work:** QT dispersion: Its clinical value
Name of the conference: Europace 97
City of event: Atenas, Greece
Date of event: 08/06/1997
End date: 11/06/1997
Organising entity: European Society of Cardiology
 de Luna AB Fiol M Bayes-Genis A et al.
- 221 Title of the work:** Long-term left ventricular ejection fraction trajectory in diabetic patients: is there any
Name of the conference: Heart Failure Congress 2019
City of event: Athens, Greece
Organising entity: HEART FAILURE ASSOCIATION
- 222 Title of the work:** Neoinnervation and neovascularization in decellularized pericardial implants after myocardial infarction in swine
Name of the conference: Congress of the European Society of Cardiology
City of event: London,
Organising entity: European Society of Cardiology
 Gálvez-Montón C Fernandez-Figueras MT et al.
- 223 Title of the work:** The use of NTproBNP for the management of acute heart failure: diagnosis and therapy monitoring.
Name of the conference: Satellite Symposium. ESC Congress
Organising entity: European Society of Cardiology

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1 Committee title:** Editorial Board of the Journal of Cardiovascular Aging (JCA)
Affiliation entity: Journal of Cardiovascular Aging (JCA)
Start date: 05/01/2023
- 2 Committee title:** Working group on Myocardial Function
Affiliation entity: Heart Failure Association of the ESC
Start date: 01/01/2020
- 3 Committee title:** Working Group on Cardiovascular Regenerative & Reparative Medicine
Affiliation entity: Heart Failure Association of the ESC
Start date: 21/12/2017

- 4** **Committee title:** Biomarkers study group
Affiliation entity: Heart Failure Association - Diagnosis
- 5** **Committee title:** Co-Coordinator of the HFA Study Group on Atrial Disease
Affiliation entity: Heart Failure Association of the ESC
- 6** **Committee title:** HFA Committee Member - Patient care Delivery & Management
Affiliation entity: Heart Failure Association of the ESC (HFA)
- 7** **Committee title:** Member of the Heart Failure Association (HFA) of the ESC
Affiliation entity: Heart Failure Association (HFA) of the ESC
- 8** **Committee title:** Translational Research Committee
Affiliation entity: European Society of Cardiology (ESC)

R&D management

- 1** **Name of the activity:** ASAC Coordinator (Área de soporte a ensayos clínicos/Clinical Trials Unit)
Type of management: Programme management
Performed tasks: Director
Entity: Hospital Universitari Germans Trias i Pujol de **Type of entity:** Healthcare Institutions
Badalona
Start date: 01/01/2018
- 2** **Name of the activity:** The Heart Precision Medicine Platform - Plataforma de Medicina de Precisión del Corazón (PMP-Cor)
Type of management: Programme management
Performed tasks: Director
Entity: Hospital Universitari Germans Trias i Pujol de **Type of entity:** Healthcare Institutions
Badalona
Start date: 01/01/2017
- 3** **Name of the activity:** ICREC (Heart Failure and Cardiac Regeneration) Research Program
Type of management: Group management
Performed tasks: Director
Entity: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Start date: 01/01/2010
Nº of people: 10



Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Review of application 51AU40_180533: "Heart Protection & Regeneration"
Performed tasks: Evaluation
Entity where activity was carried out: Swiss National Science Foundation | 4
City of entity: Saint Barthélemy
End date: 18/10/2018
- 2** **Name of the activity:** Editor
Performed tasks: Images & Case Reports Editor
Entity where activity was carried out: Circulation: **Type of entity:** Associations and Groups
Heart Failure Editorial Board
Start date: 11/10/2017
- 3** **Name of the activity:** Editor and reviewer
Performed tasks: Editor
Entity where activity was carried out: Revista **Type of entity:** Business
Española de Cardiología
- 4** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: American Journal of Cardiology
Type of activity: Review of articles in scientific or technological journals
- 5** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: Atherosclerosis
Type of activity: Review of articles in scientific or technological journals
- 6** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: Cardiovascular Research
Type of activity: Review of articles in scientific or technological journals
- 7** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: Circulation
Type of activity: Review of articles in scientific or technological journals
- 8** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: European Heart Journal
Type of activity: Review of articles in scientific or technological journals
- 9** **Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: European Journal of Heart Failure
Type of activity: Review of articles in scientific or technological journals



- 10 Name of the activity:** Reviewer
Performed tasks: Manuscripts reviewer
Entity where activity was carried out: Journal of the American College of Cardiology
Type of activity: Review of articles in scientific or technological journals
- 11 Name of the activity:** Projects reviewer
Performed tasks: Projects reviewer
Entity where activity was carried out: Fondation pour la Recherche Médicale
City of entity: France
- 12 Name of the activity:** Projects reviewer
Performed tasks: Projects reviewer
Entity where activity was carried out: Instituto de Salud Carlos III
Type of entity: Public Research Body

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Mayo Clinic and Foundation
Type of entity: Hospital
Faculty, institute or centre: Division of Internal Medicine and Cardiovascular Diseases
City of entity: Rochester, United States of America
Start-End date: 01/01/1998 - 01/01/2000
Duration: 24 months
Funding entity: Obra Social Fundación la Caixa
Type of entity: Foundation
Goals of the stay: Post-doctoral
- 2 Entity:** Medizinischen Universitäts-Poliklinik Heidelberg Universität
City of entity: Heidelberg, Germany
Start-End date: 01/01/1991 - 01/01/1992
Duration: 12 months
Funding entity: Programa Europeo de Intercambio de estudiantes universitarios.
Goals of the stay: Doctorate
- 3 Entity:** Universitat Autònoma de Barcelona
Type of entity: University
Faculty, institute or centre: Faculty of Medicine
Start-End date: 30/10/1990 - 30/06/1991
Goals of the stay: Internship
- 4 Entity:** Hammersmith Hospital
Type of entity: Hospital
Faculty, institute or centre: Cardiovascular Unit. Department of Medicine
City of entity: Londres,
Start-End date: 03/09/1990 - 05/10/1990
Duration: 1 month
Goals of the stay: Student in practices in Clinical Cardiology

Obtained grants and scholarships

- 1** **Name of the grant:** Beca de la Sociedad Española de Cardiología 2013
Awarding entity: Sociedad Española de Cardiología **Type of entity:** Associations and Groups
Conferral date: 2013 **Duration:** 1 year
End date: 2014
Entity where activity was carried out: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 2** **Name of the grant:** Beca de ayuda para proyectos de Investigación Básica o Traslacional en Salud Cardiovascular de la Sociedad Española de Cardiología y Fundación Española del Corazón
Awarding entity: Sociedad Española de Cardiología **Type of entity:** Associations and Groups
Conferral date: 2024
Entity where activity was carried out: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 3** **Name of the grant:** Beca de la Sociedad Catalana de Cardiología 2014
Aims: Post-doctoral
Awarding entity: Societat Catalana de Cardiologia
Conferral date: 2014 **Duration:** 1 year
Entity where activity was carried out: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 4** **Name of the grant:** Beca de la Sociedad Catalana de Cardiología 2014
Aims: IMPLANTACIÓ DE MEMBRANES BIOCOMPATIBLES AMB CÈL·LULES PLURIPOTENCIALS INDUÏDES (iPSs) PORCINES EN EL MODEL D'INFART AGUT DE MIOCARDI PORCÍ.
Awarding entity: Societat Catalana de Cardiologia
Conferral date: 2014 **Duration:** 1 year
Entity where activity was carried out: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 5** **Name of the grant:** Beca de la Sociedad Catalana de Cardiología 2013
Aims: Estudi comparatiu de la immunoreactivitat exhibida per cèl·lules mare mesenquimals humanes adultes i perinatales
Awarding entity: Societat Catalana de Cardiologia
Conferral date: 2013 **Duration:** 1 year
Entity where activity was carried out: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
- 6** **Name of the grant:** Premi Dr. Josep Font Mutual Médica 2010
Aims: Best scientific article 2010
Awarding entity: Fundación Dr. Josep Font Mutual Médica
Conferral date: 2010
Entity where activity was carried out: Hospital Universitari Germans Trias i Pujol
- 7** **Name of the grant:** Beca de la Sociedad Catalana de Cardiología 2007
Aims: Estudio del potencial cardiomiogénico de células madre humanas derivadas de tejido adiposo.
Awarding entity: Societat Catalana de Cardiologia
Conferral date: 2007 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU



- 8** **Name of the grant:** Beca de la Sociedad Española de Cardiología 2006
Aims: Regeneración miocárdica mediante células madre mesenquimales en un modelo porcino de infarto de miocardio: comparación entre las vías de administración intracoronaria e intramiocárdica dirigida por sistema CARTO.
Awarding entity: Sociedad Española de Cardiología
Conferral date: 2006 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU
- 9** **Name of the grant:** Beca de la Fundación Española del Corazón 2005
Aims: Valor pronóstico de mediciones seriadas de NTproBNP en pacientes ambulatorios con IC descompensada controlados en una unidad de insuficiencia cardíaca.
Awarding entity: Fundación Española del Corazón
Conferral date: 2005 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU
- 10** **Name of the grant:** Beca de la Sociedad Española de Cardiología 2005
Aims: Estudio y caracterización de las arterias coronarias en pacientes con miocardiopatía dilatada idiopática mediante coronariografía no invasiva por tomografía computerizada.
Awarding entity: Sociedad Española de Cardiología
Conferral date: 2005 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU
- 11** **Name of the grant:** Beca Fundación MAPFRE Medicine. 2004
Aims: Aislamiento de células madre humanas derivadas de médula ósea: Estudio de su pluripotencialidad y correlación entre donantes jóvenes y ancianos.
Awarding entity: Fundación MAPFRE
Conferral date: 2004 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU
- 12** **Name of the grant:** Beca de la Fundación Española del Corazón 2003
Aims: Caracterización de células madre aisladas de médula ósea humana e inducción de su diferenciación a miocardiocitos in vitro.
Awarding entity: Fundación Española del Corazón
Conferral date: 2003 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU
- 13** **Name of the grant:** Beca de la Societat Catalana de Cardiologia 2003
Aims: Post-doctoral
Awarding entity: Societat Catalana de Cardiologia
Conferral date: 2003 **Duration:** 1 year
Entity where activity was carried out: HOSPITAL DE LA SANTA CREU I SANT PAU



Scientific societies and professional associations

- 1** **Name of the society:** Heart Failure Association
Affiliation entity: European Society of Cardiology
Professional category: Treasurer
Start date: 01/05/2024
- 2** **Name of the society:** Societat Catalana de Cardiologia
City: Barcelona, Catalonia, Spain
City affiliation entity: Barcelona,
Professional category: President
Start date: 07/06/2013
- 3** **Name of the society:** Reial Acadèmia de Medicina de Catalunya
City affiliation entity: Barcelona, Catalonia, Spain
Professional category: Member
Start date: 2012
- 4** **Name of the society:** European Society of Cardiology
- 5** **Name of the society:** Sociedad Española de Cardiología

Co-operation networks

- 1** **Name of the network:** RICORS NETWORK - Advanced Therapies
Identification of the network: RICORS RD21/0017/0001
Start date: 01/01/2022 **Duration:** 4 years
- 2** **Name of the network:** Adipoplast (Red temática sobre plasticidad adiposa y sus patologías)
Identification of the network: FUNDACIÓ INSTITUT D'INVESTIGACIÓ EN CIÈNCIES DE LA SALUT GERMANS TRIAS I PUJOL
Start date: 20/03/2018
- 3** **Name of the network:** Redes Temáticas de Investigación Cooperativa en Salud
Identification of the network: TERAPIA CELULAR - RD16/0011/0006
Start date: 01/01/2017 **Duration:** 3 years
- 4** **Name of the network:** CIBER - Enfermedades Cardiovasculares
Start date: 2016
- 5** **Name of the network:** Redes Temáticas de Investigación Cooperativa en Salud
Identification of the network: ENFERMEDADES CARDIOVASCULARES rd12/0042/0047
Participating entity/entities: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA
Start date: 01/01/2013



- 6** **Name of the network:** Redes Temáticas de Investigación Cooperativa en Salud
Identification of the network: TERAPIA CELULAR rd12/0019/0029
Participating entity/entities: CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA
Start date: 01/01/2013

Periods of research activity and knowledge transfer

Certifying entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** State agency

City certifying entity: Madrid, Community of Madrid, Spain

Date of recognition: 12/06/2013

Obtained accreditations/recognitions

- 1** **Description:** Premi a la Trajectòria Investigadora als Hospitals de l'ICS 2023
Accrediting entity: 14a Jornada de Recerca de l'Institut Català de la Salut (ICS)
City accrediting entity: Barcelona, Catalonia, Spain
Date of recognition: 10/11/2023
- 2** **Description:** The year's best papers on heart failure
Accrediting entity: Heart Failure 2022
Date of recognition: 23/05/2022
- 3** **Description:** Premio Josep Trueta de Investigación Científica
Accrediting entity: Reial Acadèmia de Medicina de Barcelona
City accrediting entity: Barcelona,
Date of recognition: 20/05/2014
- 4** **Description:** Certificado de Acreditación Nacional, cuerpo Docente Catedráticos de Universidad
Accrediting entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** State agency
City accrediting entity: Madrid, Community of Madrid, Spain
Date of recognition: 30/05/2013
- 5** **Description:** Línea de Intensificación de la Investigación
Accrediting entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Date of recognition: 2011
- 6** **Description:** Línea de Intensificación de la Investigación
Accrediting entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Date of recognition: 2007
- 7** **Description:** Línea de Intensificación de la Investigación
Accrediting entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Date of recognition: 2006

**C****V****N**

CURRÍCULUM VÍTAE NORMALIZADO

e5fcc87491aad60774e5de419b0aa7f2

8 **Description:** Research Accreditation**Accrediting entity:** AGENCIA PER A LA QUALITAT DEL SISTEMA UNIVERSITARI DE CATALUNYA**Date of recognition:** 21/04/2004