

Curriculum Vitae – Dario Genovesi

Personal informations:

Name: Dario Genovesi

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Study informations:

Feb 2004 -

Nov 2007 - degree in Medicine, University of Pisa
medical specialization in Nuclear Medicine, University of Pisa

Work informations:

Nov 2007 – Apr 2008: - researcher in Nuclear Medicine, IFC – CNR, Pisa

May 2008 – today: - Nuclear Physician, FTGM, Pisa

Main domains of research:

“SPECT/CT and PET/CT evaluation of Cardiac Amyloidosis”, “Nuclear Oncology” and “Thyroid diseases”.

Main domains of clinical activity:

“PET/CT, SPECT/CT, Nuclear Cardiology, Nuclear Neurology, Thyroid diseases, thyroid echography and FNAC”

Recent publications:

- [18F]-florbetaben PET/CT is sensitive for cardiac AL amyloidosis. Cassano Cassano R, Genovesi D, Vergaro G, Giorgetti A, Aimo A, Del Giudice ML, Galimberti S, Emdin M, Buda G. Eur J Clin Invest. 2024 Jul 17:e14270.doi: 10.1111/eci.14270. Online ahead of print.
- The Role of Scintigraphy with Bone Radiotracers in Cardiac Amyloidosis. Morfino P, Aimo A, Giorgetti A, Genovesi D, Merlo M, Limongelli G, Castiglione V, Vergaro G, Emdin M. Heart Fail Clin. 2024 Jul;20(3):307-316. doi: 10.1016/j.hfc.2024.03.003. Epub 2024 Apr 8
- Wild-Type Transthyretin Cardiac Amyloidosis is Not Rare in Elderly Subjects: the CATCH Screening Study. Aimo A, Vergaro G, Castiglione V, Fabiani I, Barison A, Gentile F, Ferrari Chen YF, Giorgetti A, Genovesi D, Buda G, Franzini M, Piepoli M, Moscardini S, Rapezzi C, Fontana M, Passino C, Emdin M. Eur J Prev Cardiol. 2024 Mar 8:zwae093. doi: 10.1093/eurjpc/zwae093. Online ahead of print
- Bayesian Convolutional Neural Networks in Medical Imaging Classification: A Promising Solution for Deep Learning Limits in Data Scarcity Scenarios. Bargagna F, De Santi LA, Martini N, Genovesi D, Favilli B, Vergaro G, Emdin M, Giorgetti A, Positano V, Santarelli MF. J Digit Imaging. 2023 Dec;36(6):2567-2577.
- Role of Imaging in Cardiomyopathies. Castiglione V, Aimo A, Todiere G, Barison A, Fabiani I, Panichella G, Genovesi D, Bonino L, Clemente A, Cademartiri F, Giannoni A, Passino C, Emdin M, Vergaro G. Card Fail Rev.2023 May 25:9:e08.
- An Explainable Convolutional Neural Network for the Early Diagnosis of Alzheimer's Disease from 18F-FDG PET. De Santi LA, Pasini E, Santarelli MF, Genovesi D, Positano V. J Digit Imaging. 2023 Feb;36(1):189-203.
- Cardiac amyloidosis characterization by kinetic model fitting on [18F]florbetaben PET images. Santarelli MF, Genovesi D, Scipioni M, Positano V, Favilli B, Giorgetti A, Vergaro G, Landini L, Emdin M, Marzullo P. J Nucl Cardiol. 2022 Aug;29(4):1919-1932.
- Cardiac amyloidosis detection by early bisphosphonate (99mTc-HMDP) scintigraphy. Santarelli MF, Genovesi D, Positano V, Di Sarlo R, Scipioni M, Giorgetti A, Landini L, Marzullo P. J Nucl Cardiol. 2022 Feb;29(1):307-318.

- 18F-Florbetaben: a potential nuclear protagonist in the diagnosis of cardiac amyloidosis. Genovesi D, Giorgetti A. Clin Transl Imaging. 2022 Feb; 10: 5-8.
- [18F]-Florbetaben PET/CT for Differential Diagnosis Among Cardiac Immunoglobulin Light Chain, Transthyretin Amyloidosis, and Mimicking Conditions. Genovesi D, Vergaro G, Giorgetti A, Marzullo P, Scipioni M, Santarelli MF, Pucci A, Buda G, Volpi E, Emdin M. JACC Cardiovasc Imaging. 2021 Jan;14(1):246-255.
- The Role of 18FDG PET/CT in the Assessment of Endocarditis, Myocarditis and Pericarditis. Giorgetti A, Genovesi D, Emdin M. Curr Radiopharm 2021;14(3):259-272.
- Amyloid Deposits and Fibrosis on Left Ventricular Endomyocardial Biopsy Correlate With Extracellular Volume in Cardiac Amyloidosis. Pucci A, Aimo A, Musetti V, Barison A, Vergaro G, Genovesi D, Giorgetti A, Masotti S, Arzilli C, Prontera C, Pastormerlo LE, Coceani MA, Ciardetti M, Martini N, Palmieri C, Passino C, Rapezzi C, Emdin M. J Am Heart Assoc. 2021 Oct 19;10(20):e020358.
- Deep-learning-based cardiac amyloidosis classification from early acquired pet images. Santarelli MF, Genovesi D, Positano V, Scipioni M, Vergaro G, Favilli B, Giorgetti A, Emdin M, Landini L, Marzullo P. Int J Cardiovasc Imaging. 2021 Jul;37(7):2327-2335.
- Biopsy Evidence of Sequential Transthyretin and Immunoglobulin Light-Chain Cardiac Amyloidosis in the Same Patient. Vergaro G, Castiglione V, Poletti R, Buda G, Pucci A, Musetti V, Genovesi D, Aimo A, Passino C, Emdin M. JACC Case Rep. 2021 Mar 17;3(3):450-454.
- 18-FDG PET for large vessel vasculitis diagnosis and follow-up. Angelotti F, Capecchi R, Giorgetti A, Erba PA, Genovesi D, Emdin M, Barison A, Manca L, Rocchi V, Migliorini P, Tavoni A. Clin Exp Rheumatol. 2021 Mar-Apr;39 Suppl 129(2):76-82.
- Imaging Techniques as an Aid in the Early Detection of Cardiac Amyloidosis. Santarelli MF, Scipioni M, Genovesi D, Giorgetti A, Marzullo P, Landini L. Curr Pharm Des. 2021;27(16):1878-1889.
- Cardiac amyloidosis: The starched heart. Giorgetti A, Genovesi D, Emdin M. J Nucl Cardiol. 2020 Feb;27(1):133-136.
- The role of positron emission tomography in the assessment of cardiac sarcoidosis. Genovesi D, Bauckneht M, Altini C, Popescu CE, Ferro P, Monaco L, Borra A, Ferrari C, Caobelli F. Br J Radiol. 2019 Aug;92(1100):20190247
- Accuracy of 99mTc-Hydroxymethylene diphosphonate scintigraphy for diagnosis of transthyretin cardiac amyloidosis. Cappelli F, Gallini C, Di Mario C, Costanzo EN, Vaggelli L, Tutino F, Ciaccio A, Bartolini S, Angelotti P, Frusconi S, Farsetti S, Vergaro G, Giorgetti A, Marzullo P, Genovesi D, Emdin M, Perfetto F. J Nucl Cardiol. 2019 Apr;26(2):497-504.

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