



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Fabrizio Bianchi**

Address(es)

Telephone(s)

E-mail

Website

Nationality I

Date of birth

Gender

### Work experience

Dates 01/07/2020 until now  
Occupation or position held Retired,  
Associated Senior Researcher at  
National Research Council, Institute of Clinical Physiology, Pisa;  
Institute for Biomedical Research and Innovation, Palermo;  
Fondazione Toscana Gabriele Monasterio per la Ricerca Medica e la Sanità Pubblica, Pisa.

Type of business or sector Sectors: epidemiology, biostatistics and public health

Dates 2005 – 2020

Occupation or position held Director of Research

Main activities and responsibilities Head of Environmental Epidemiology and Diseases Registries Research Unit – IFC CNR, research project design and coordination, scientific coordinator of the CNR national project on Environment and Health, coordinator of the Tuscany Registry of Birth Defects and of the Tuscany Registry of Rare Diseases, professor in-charge for teaching in University masters.

Name and address of employer National Research Council, Institute of Clinical Physiology

Type of business or sector Sectors: epidemiology, biostatistics and public health

Dates 2001-2005

Occupation or position held Senior researcher

Main activities and responsibilities Head of the Environmental epidemiology unit - IFC CNR, Research project design and management, coordinator of the Tuscany Registry of Birth Defects, member of the steering committee of the EUROCAT Concerted Action, elected member of the Secretariat of the Italian Epidemiological Association, professor in-charge for teaching in University post-graduate courses and masters.

Name and address of employer National Research Council, Institute of Clinical Physiology

Type of business or sector Sectors: epidemiology, biostatistics and health services research

Dates 1984-2000

Occupation or position held Researcher - Professional technical assistant

Main activities and responsibilities	Research project design and management, coordinator of the Tuscany Registry of Birth Defects, member of the steering committee of the EUROCAT Concerted Action, elected member of the Secretariat of the Italian Epidemiological Association, professor in-charge for teaching in University post-graduate courses and masters.
Name and address of employer	National Research Council, Institute of Clinical Physiology
Type of business or sector	Sectors: epidemiology, biostatistics and health services research

## Education and training

Dates	1973 - 1979
Title of qualification awarded	Degree in Biology (BSc), specialization in applied statistics in physical anthropology
Name and type of organisation providing education and training	Faculty of Mathematical Physical and Natural Science - University of Pisa
Level in national or international classification	(Grade 105/110)

**Fellowships and Awards** Past President of the Eurocat association, European network of congenital anomalies registries  
Two-times elected member of the Scientific Secretariat of the Italian Epidemiological Association.

## Personal skills and competences

Professor in charge of Epidemiology at the Faculty of Environmental Sciences, the University of Pisa.  
Professor in charge of Environmental Epidemiology at the Master in Management and Control of Environment, S. Anna University, Pisa.

Professor in charge of Environmental and Health Impact Assessment at the Master in Industrial hygiene, prevention and safety, University of Pisa.

Member of the Task Force on Environment and Health of the Italian Ministry of Health (coordinator of the HIA working group)

Member of the Academic Board and teacher of the Master in Epidemiology of the Italian Epidemiological Association-University of Turin.

Organizer of the European Summer School on Risk Assessment for Reproduction, Florence 1997-1998, Pisa 2001 (supported by UE-DG Research, Italian CNR, Tuscany Region).

President of the Registry of Congenital Defects-European Network on Congenital Anomalies (EUROCAT) association, 2000-2003.

Member of the Registry of Congenital Defects-European Network on Congenital Anomalies (EUROCAT) Steering Committee, since 1998.

Programme Director of the Registry of Congenital Defects-International Clearinghouse of Birth Defects Monitoring Systems (ICBDMS), since 1998.

Registry leader of the RTDC-EuroNetwork on Congenital Anomalies (EUROCAT), since 1992.

Founder of the Tuscany Registry of Congenital Defects (RTDC) in 1978.

Coordinator of research unit of the EU-BIOMED projects on "Occupational Exposure and Congenital Malformations" and "European Collaborative Study of Hazardous Waste Disposal in Landfill Sites and Risk of Congenital Malformations".

Participating in a European Science Foundation network on "Gene-environment interaction in early human development: demonstration project on orofacial clefts".

Member of the WHO working groups on:

- Methods of Assessing Exposure to Hazard Released Waste Landfills
- Registry of Cranio-Facial Anomalies
- Policy for Prevention of Congenital Disorders
- Technical assistance on environmental health in Sicily region
- Studies in Campania Region during the waste emergency.

Planning and fulfilment of European and national projects in environment and health settings.

Data management and analysis by using packages for statistical analysis (SPSS, SAS, STATA).

Mother tongue(s)	<b>Italian</b>				
Other language(s)					
Self-assessment	<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	Fluent	Fluent	Fluent	Fluent	Good
<b>Spanish</b>	Good	Good	Sufficient	Sufficient	Sufficient

### Organization and coordination of scientific and technology workshops, conferences, exhibitions or similar events

XV World Congress of the International Epidemiological Association, Florence, Italy, 1999  
 European Congress of the International Epidemiological Association, Florence, Italy, 2010  
 11 European Conference of the EUROCAT network  
 2 International conference of the International Clearinghouse for Birth Defects Research and Surveillance  
 2 annual meeting of the European Teratology Society; Several international and national conferences, workshops, seminars and courses on Environment and Health, Environmental health risk assessment, Risk communication and management  
 15 Italian conference of the Italian epidemiological association (AIE)

### International Committees

2012-2014 European Chapter International Society Environmental Epidemiology (ISEE) (member)

### Principal Scientific Projects

2020-2021 EPICOVID National Project by CNR and University of Milan (WP coordinator)  
 2019-2021 Radon Project of the Sardinia Region (WP coordinator)  
 2019-2021 CCM 2018 - Integrazione, formazione e valutazione di impatto ambientale sulla salute: Rete Italiana Ambiente Salute (RIAS) (WP coordinator)  
 2019-2021 CCM 2018 - SENTIERI - Azione centrale - implementazione del sistema permanente di sorveglianza epidemiologica delle popolazioni residenti nei Siti contaminati di interesse per le bonifiche (WP coordinator)  
 2017-2021 CISAS - Centro Internazionale di Studi Avanzati su Ambiente, ecosistema e Salute umana", CNR-MIUR, fondi CIPE, (WP4 coordinator)  
 2016-2018 CCM 2015 - Ambiente e salute nel PNP 2014-2018: rete nazionale di epidemiologia ambientale, valutazione di impatto integrato sull'ambiente e salute, formazione e comunicazione, EpiAmbNet (partner)  
 2015-2017 CCM 2015 SENTIERI - Azione centrale - Un sistema permanente di sorveglianza epidemiologia nei siti contaminati: implementazione dello studio epidemiologico, (partner)  
 2015-2017 VIS\_VG\_VdA - Comune di Viggiano e Grumento Nova. Valutazione di impatto sanitario nei Comuni di Viggiano e Grumento Nova in Val d'Agri, (coordinator)  
 2015-2017 Indagine sulla salute dei residenti nel Comune di Pisa. Comune di Pisa. (coordinator)  
 2015-2017 Studio di Coorte residenziale nell'area limitrofa la Centrale di Vado Ligure. Regione Liguria, IRCCS AOU San Martino. (WP coordinator)  
 2014-2016 CCM 2013 t4HIA - Valutazione di Impatto sulla Salute (VIS) Linee Guida e strumenti per valutatori e proponenti), (WP coordinator)  
 2013-2016 CCM 2012 RISCIPRO\_SENTIERI - Valutazione del rischio riproduttivo in aree a forte pressione ambientale. Ministero Salute, (coordinator)  
 2011-2014 Progetto LIFE10 ENV/IT/000331 "HIA21", (coordinator)  
 2011-2014 EPIRARE - European Project Rare Diseases Registries – DG SANCO, (WP coordinator)  
 2011-2014 EUROCAT JA - European Surveillance Congenital Anomalies, (partner)

- 2011-2013 CCM 2010 SEpiAs - Sorveglianza epidemiologica in aree interessate da inquinamento ambientale da arsenico di origine naturale o antropica, (coordinator)
- 2010-2012 CROMO ESAVALENTE I e II – Regione Toscana. Origine del Cromo Esavalente in Val di Cecina e valutazione integrata degli effetti sulla salute, (coordinator)
- 2010-2012 CCM 2010 VISPA - Min Salute. Valutazione Impatto Salute per la Pubblica Amministrazione, (WP coordinator)
- 2008-2012 Era-EnvHealth DG Research (FP7) - Network europeo su Ambiente e salute, (partner)
- 2008-2010 GEOTERMIA I e II - Agenzia Regionale Sanità Toscana. Progetto di ricerca epidemiologica sulle popolazioni residenti nell'intero bacino geotermico toscano. (coordinator for Fondazione Toscana Gabriele Monasterio)
- 2008-2010 ACIDO FOLICO - ISS-Min Salute. Prevenzione primaria di difetti congeniti mediante acido folico: valutazione rischio-beneficio, sorveglianza degli esiti, formazione e comunicazione, (WP coordinator)
- 2007-2012 CCM Monitor I-II -III - ARPA Emilia-Romagna. Organizzazione di un sistema di sorveglianza ambientale e valutazione epidemiologica nelle aree circostanti gli impianti di incenerimento in Emilia Romagna, (partner)
- 2007-2010 S.E.N.T.I.E.R.I. - Studio Epidemiologico Nazionale dei Territori e degli Insediamenti Esposti a Rischio da Inquinamento, (partner)
- 2007-2009 SEBIOREC - Regione Campania, ISSN. Studio Epidemiologico Biomonitoraggio Regione Campania - Contaminanti organici persistenti nel sangue e nel latte materno in gruppi di popolazione a differente rischio di esposizione nella Regione Campania, (partner)
- 2007 -2008 SEBIOMAG WHO - Indagine biomonitoraggio umano nell'area di Gela, (coordinator)
- 2005-2007 HIA-NMAC (Health Impact Assessment In New member States, Accession and Pre-Accession Countries – DG SANCO), (WP coordinator)

### **Additional information**

Author or coauthor: > 400 scientific papers; > 200 abstracts in proceedings of international and national congresses; chapter in 3 books with international editor, 4 books with national editor; numerous articles in national newspapers and magazines, numerous interviews in national and local media.

**Scopus H-Index: 42 (ORCID ID 7202015087)**

## Bibliography - Period 2011-2021

Guzzolino E, Milella MS, Forini F, Borsò M, Rutigliano G, Gorini F, Zucchi R, Saba A, **Bianchi F**, Iervasi G, Pitto L. Thyroid disrupting effects of low-dose dibenzothiofene and cadmium in single or concurrent exposure: New evidence from a translational zebrafish model. *Sci Total Environ*. 2021 May 15;769:144703.

Bastiani L, Fortunato L, Pieroni S, **Bianchi F**, Adorni F, Prinelli F, Giacomelli A, Pagani G, Maggi S, Trevisan C, Noale M, Jesuthasan N, Sojic A, Pettenati C, Andreoni M, Antonelli Incalzi R, Galli M, Molinaro S. Rapid COVID-19 Screening Based on Self-Reported Symptoms: Psychometric Assessment and Validation of the EPICCOVID19 Short Diagnostic Scale. *J Med Internet Res*. 2021 Jan 6;23(1):e23897.

Prinelli F, **Bianchi F**, Drago G, Ruggieri S, Sojic A, Jesuthasan N, Molinaro S, Bastiani L, Maggi S, Noale M, Galli M, Giacomelli A, Antonelli Incalzi R, Adorni F, Cibella F; EPICCOVID19 Working Group. Association Between Smoking and SARS-CoV-2 Infection: Cross-sectional Study of the EPICCOVID19 Internet-Based Survey. *JMIR Public Health Surveill*. 2021 Apr 28;7(4):e27091.

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Coi A, Barsotti S, Santoro M, Almerigogna F, Bargagli E, Caproni M, Emmi G, Frediani B, Guiducci S, Matucci Cerinic M, Mosca M, Parronchi P, Prediletto R, Selvi E, Simonini G, Tavoni AG; Rare Diseases Working Group, **Bianchi F**, Pierini A. Epidemiology of systemic sclerosis: a multi-database population-based study in Tuscany (Italy). *Orphanet J Rare Dis*. 2021 Feb 17;16(1):90.

**Bianchi F**, Ancona C, Bisceglia L, Forastiere F, Ranzi A. Impatto sanitario: la valutazione del singolo impianto non è sufficiente, occorre anche una valutazione di area [Health impact: considering only a plant assessment is not enough, an area assessment is also needed]. *Epidemiol Prev*. 2021 Jan-Apr;45(1-2):117-121.

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Ruggieri S, Maltese S, Drago G, Panunzi S, Cibella F, **Bianchi F**, Minichilli F, Cori L. Measuring Risk Perception in Pregnant Women in Heavily Polluted Areas: A New Methodological Approach from the NEHO Birth Cohort. *Int J Environ Res Public Health*. 2021 Oct 11;18(20):10616. doi: 10.3390/ijerph182010616.

Crosignani P, **Bianchi F**, Minichilli F. Mortalità per cause cardiovascolari e respiratorie attribuibile all'esposizione alle emissioni di una centrale a carbone: una proposta per stimare l'accorciamento individuale di vita. *Epidemiol Prev*. 2021 May-Jun;45(3):155-163.

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Adorni F, Prinelli F, **Bianchi F**, Giacomelli A, Pagani G, Bernacchia D, Rusconi S, Maggi S, Trevisan C, Noale M, Molinaro S, Bastiani L, Fortunato L, Jesuthasan N, Sojic A, Pettenati C, Tavio M, Andreoni M, Mastroianni C, Antonelli Incalzi R, Galli M. Self-Reported Symptoms of SARS-CoV-2 Infection in a Nonhospitalized Population in Italy: Cross-Sectional Study of the EPICCOVID19 Web-Based Survey. *JMIR Public Health Surveill*. 2020 Sep 18;6(3):e21866.

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Autorizzo l'utilizzo dei dati contenuti nel presente C.V., in fede