

## **PROFESSOR Giuseppe BORIANI, MD, PhD**

Name BORIANI GIUSEPPE

Date of birth 04 april 1959

### **CURRICULUM VITAE of**

Address (office) Giuseppe Boriani, MD, PhD, Cardiology Dept., AOU Policlinico di Modena

Via Del Pozzo 71, 41124 Modena, Italy Tel. +39 059 4225836

Mail: giuseppe.boriani@unimore.it

CF: BRN GPP59D04A944D

ORCID: 0000-0002-9820-4815

SCOPUS ID: 57675336900

WOS ID: A-4852-2015

### **Academic career**

1978-1984 Medical studies at the University of Bologna

1982-1984 Internal student at the Institute of Cardiovascular Disease of the University of Bologna

1984 Graduation in Medicine (110/110 cum laude)

1988 Specialisation in Cardiology at the University of Bologna (70/70 cum laude)

1993 Philosophy Doctor (PhD) in Cardiovascular Physiopathology at the University of Milan

1992-94 Assistant Professor in Cardiology at the Postgraduate School in Cardiology at the University of Bologna

1992-94 Assistant Professor in Cardiology at the Postgraduate School in Internal Medicine at the University of Bologna

1996- 2006 Assistant Professor in Cardiology at the Postgraduate School in Cardiology at the University of Bologna

2006 Associate Professor of Cardiology at the University of Bologna

2015 Full Professor in Cardiology at the University of Modena and Reggio Emilia

2016 Director of the Postgraduate School in Cardiology, University of Modena and Reggio Emilia

2016 Member of the Council of the PhD course "Clinical and Experimental Medicine" of the University of Modena and Reggio Emilia, Italy

2018 Director of the Course for Cardiocirculatory Physiopathology and Cardiovascular Perfusion Techniques, University of Modena and Reggio Emilia

### **Prizes**

1981-1982 Prize "Marco Musiani" of the University of Bologna

1983-1984 Prize "Luigi Concato" of the University of Bologna

1988 Prize "Francesco Schiassi" of the Medical Society of Bologna

1989 Prize for Young Researchers of the Italian Society of Cardiology

1992 Prize "Giacomo Binda" of the Italian Society of Hospital Cardiologists (ANMCO)

1992 Prize for Young Researchers of the Italian Society of Cardiology (as co-author)

1993 Prize "Felice Addari" of the University of Bologna

1998 Prize "Pietro Angeletti" from Merck Sharp and Dhome- Italy

2003 "Scholar" in Cardiology from the Italian Society of Cardiology

2014 Top Reviewer Award for the year 2014 as Reviewer of the journal HEART, BMJ group

2015 Top Reviewer Award for the year 2015 as Reviewer of the journal HEART, BMJ group

2016 Prize "Capitani dell'anno 2016" in Modena for clinical research, as Director of the Cardiology Division, Policlinico di Modena, University of Modena and Reggio Emilia

2020 Prize "Sanità 2020" conferred by "Associazione Donne 2000"

2021 "Reviewer of the year award 2021" by the European Heart Journal

2021 Prize "Paladini Italiani della Salute" conferred by Associazione Liber- Premio Recti Eques/Paladini Italiani della Salute

2021 Top Reviewer Award for the year 2021 as Reviewer of the journal HEART, BMJ group

2022 Diploma of Top referenced scientific article in 2019, from Kardiologia Polska (Polish Heart Journal)

2023 Reviewer of the year award 2022-2023 by the European Heart Journal

## **Employement**

From 1994 to 1995 Assistant in Cardiology at the Institute of Cardiovascular Diseases of the University of Bologna, S.Orsola University Hospital 2

From June 1995 to October 2015 admitted to the upper level of management for medical career by S.Orsola University Hospital, Bologna

From November 1, 2015 Chief of Cardiology, Cardiology Division of Modena University Hospital, University of Modena and Reggio Emilia

From July 2016 Chief of the Department of Nephrology, Cardiology and Vascular Surgery, Azienda AUSL and Azienda Ospedaliera, Modena

## **Stages**

August 1982 Dept. of Cardiac Surgery University Hospital Odense (Denmark)

March 1992 Electrophysiology department (Prof J.A. Salerno) of the Division of Cardiology, University of Pavia

## **Masters**

2009 Master in Health Care Management – IMEA ISTUD Foundation, Stresa (Italy)

2010 Master in Promotion and Mangement of Research in the Health Care System, University of Modena and Reggio Emila, Ital

## **Affiliations**

Since 1989 member of the Italian Society of Cardiology

Since 1991 member of the Italian Group of Arrhythmology

Since 1992 member of the International Society of Cardiovascular Pharmacotherapy

Since 1992 member of the Working Group on Arrhythmias of the European Society of Cardiology

Since 1994 member of the Italian Society of Cardiac Pacing

Since 1997 fellow of the European Society of Cardiology (FESC)

Since 2000 member of the North American Society of Cardiac Pacing and Electrophysiology (NASPE) , now Heart Rhythm Society (HRS)

Director of Educational Courses on Cardiac pacing, ICDs and Cardiac Resynchronization for the European Heart Rhythm Society (2006-2010)

Coordinator of the Group on Electrophysiology and Cardiac Pacing of the Italian Society of Cardiology (2007-2009)

Since 2015 member of AF SCREEN International Association

Since 2016 Fellow of the European Heart Rhythm Association (EHRA)

Member of the Board of the European Heart Rhythm Association and Chair of the Health Economics Committee (2009-2013)

President of AIAC (the Italian Society of Cardiac Pacing and Arrhythmology (2016-2018)

Member of the Industry Relations Committee of the European Society of Cardiology (2016-2018)

Director of AIAC Ricerca, the Scientific Section of AIAC (the Italian Society of Cardiac Pacing and Arrhythmology)(2018-2022)

Member of the Board of the Council on Cardio-Oncology of the European Society of Cardiology (2018-2022)

Member of the Board of the European Heart Rhythm Association and Responsible for Health Economics (2020-2024)

Member of the Regulatory Affairs Committee of the European Society of Cardiology (2020-2022)

Member of the m-HealthTask Force of the European Society of Cardiology (2022-2024)

Since 2018 member of the Council on Cardio-oncology of the European Society of Cardiology

Since 2014 member of the working group on Cardiovascular pharmacotherapy of the European Society of Cardiology

Since 2018 member of the Council on Stroke of the European Society of Cardiology

Since 2018 member of the working group on Thrombosis of the European Society of Cardiology

Since 2023 member of the working group of e-Cardiology of the European Society of Cardiology

### **Scientific research in Multicenter studies**

He participated as investigator or co-investigator to the following multicentre studies :

Recainam in atrial fibrillation,

Sword study on sotalol ,

Pfizer study 115-226 on dofetilide, and Pfizer study 115-333 on dofetilide,

Flecainide slow release MIDA (3M Riker),

Rivaroxaban in AF Rocket AF (Bayer),

Edoxaban in AF ENGAGE AF (Daichi),

Ranolazine in AF RAFFAELLO (Menarini).

Edoxaban in AF ENSURE AF (Daichi)

Principal Investigator of MORE CRT study (St.Jude)

Principal Investigator of MORE CARE trial (Medtronic)

Chairman of EORP AF study, promoted by the European Society of Cardiology

National Coordinator of ARTESiA trial

Investigator in studies with grants from the European Community:

- ARITMO (Arrhythmogenic Potential of Drugs FP7/2007-2013 - Grant HEALTH-241679)

- MedtechTA (Methods for Health Technology Assessment of Medical Devices: a European Perspective- Grant HEALTH.2012.3.2-2) 2013-2016

- AFFECT-EU (Digital risk-based screening for atrial fibrillation in the European Community- Horizon 2020 Grant agreement No 847770) 2020-2023

- FACILITATE (FrAmework for CLinical trlal participants' daTA reutilization for a fully Transparent and Ethical ecosystem) Grant under Innovative Medicine Initiative – 2 Joint Undertaking (JU) (Grant Agreement 101034366)

- Study Coordinator of ARISTOTELES (Applying ARtificial Intelligence to define clinical trajectoriesS for personalized predicTiOn and early deTEction of comorbidity and muLtimorbidity pattErnS)

Grant from Horizon Europe (HORIZON-HLTH-2022-STAYHLTH-01-

Grant 101080189)

National Coordinator for Italy and member of the steering committee of ARTESiA study (Apixaban for the Reduction of Thrombo-Embolism in Patients With Device-Detected Sub-Clinical Atrial Fibrillation), funded by the Canadian Institute of Health Research 2017-2022

### **Scientific papers**

Scientific activity was mainly devoted to: arrhythmias, clinical electrophysiology, heart failure, cardiomyopathies including neuromuscular diseases, clinical cardiology, pharmacoeconomics., clinical pharmacology of antiarrhythmic agents and antithrombotics and monitoring of the arrhythmic effects of the drugs used in oncology, health economics.

In these fields as author or co-author he published:

- 9 books

- 18 chapters in books

- 738 full papers indexed on PubMed (on national and international journals, including journals with high impact factor such as N Engl J Med, Circulation, Ann Intern Med, J Am Coll Cardiol, Eur Heart J, Eur J Heart Failure, Am J Cardiol, Am Heart J, Nature Reviews. Heart, Chest, Eur J Clin Pharmacol, Europace, Journal of Internal Medicine, Cardiovasc Drugs Ther, Ann Pharmacother, Curr Opin Cardiol, Eur J Intern Med, Clin Cardiol)

- 615 abstracts presented in national and international congresses including European Congresses of Cardiology, American College of Cardiology Scientific Sessions, American Heart Association Scientific Sessions, World Congress in Cardiology, World Congress In Cardiac Pacing, NASPE or Heart Rhythm Society Scientific sessions.

## **Editorial Activity**

Member of the Editorial Board of:

The European Heart Journal

EP-Europace (Executive editor)

Heart (BMJ group)

The European Journal of Heart Failure

The European Journal of Internal Medicine

Internal and Emergency Medicine

Acta Cardiologica (International Associate Editor)

BMC Cardiovascular Disorders

Journal of Clinical Medicine

Journal of Cardiovascular Development and Disease

Journal of Cardiovascular Medicine (National Associate Editor)

PACE- Pacing and Clinical Electrophysiology

PLOS Digital Health (Associate Editor)

Giornale Italiano di Cardiologia (Associate Editor per Aritmologia)

Editor in Chief of:

RCM-Reviews in Cardiovascular Medicine (February 2023 -

<https://www.imrpress.com/journal/RCM/about/announcements/1623584165120544770>)

Previous representative of EHRA (European Heart Rhythm Association) and ESC (European Society of Cardiology) in years 2013—2016 within EUNEHTA (European Network for Health Technology Assessment) promoted by the European Community

Member of the Task Forces for International Consensus Guidelines

- 2013 Guidelines on cardiac pacing of the European Society of Cardiology
- 2018 American College of Chest Physicians- CHEST Guidelines on Atrial Fibrillation
- 2020 Guidelines on atrial fibrillation of the European Society of Cardiology
- 2022 Guidelines on cardio-oncology of the European Society of Cardiology

## **Bibliometric data**

ISI Impact Factor 8009

H-index: 102 in Google Scholar, with 128 095 citations

Scopus: H-index: 83 (905 documents) [H-index 79 excluding self-citations] with 41 685 citations (1987-2022)

Web of Science H-index: 78 (1127 publications) with 35 618 citations [33% of Indexed publications as First Author, 25% as Last Author, 29% as Corresponding Author]

Ranking in EXPERTSCAPE (<https://www.expertscape.com/>), a worldwide score of experts based on scientific publications in the last 10 years (as per October 15, 2023):

Experts in Artificial Pacemakers: # 1 in the worldwide rank

Experts in Cardiac Resynchronization Therapy devices: #1 in the worldwide rank

Experts in Implantable Defibrillators: # 1 in the worldwide rank

Experts in Atrial fibrillation: # 5 in the worldwide rank

G Boriani is included in the Top 2% Scientists list, published by Stanford University, after analysis of a database that contains 160,000 names selected from 8,000,000 researchers who stand out worldwide for scientific authority on the basis of the number of publications and citations in the

relevant subject areas. The methodology and results of the new standardized metric are published in the journal Plos Biology (Ioannidis JPA, Boyack KW, Baas J. Updated science-wide author databases of standardized citation indicators. PLoS Biol. 2020 Oct 16;18(10):e3000918. doi: 10.1371/journal.pbio.3000918).

In the updated analysis, updated to August 2021 (Baas, Jeroen; Boyack, Kevin; Ioannidis, John P.A. (2021), "August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"", Mendeley Data, V3, doi: 10.17632/btchxktzyw.3) the inclusion in Top 2% Scientists list was confirmed.

In the update of September 2022 inclusion in Top 2% scientists was confirmed (Ioannidis J. P.A. (2022), "September 2022 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V5, doi: 10.17632/btchxktzyw.5) and the same in 2023 update (Ioannidis, John P.A. (2023), "October 2023 data-update for "Updated science-wide author databases of standardized citation indicators"", Elsevier Data Repository, V6, doi: 10.17632/btchxktzyw.6)

Modena, October 30, 2023

Giuseppe Boriani, MD, PhD, FEHRA, FESC