Curriculum Vitae

Personal information

Luigi Paolo BADANO

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35548608000

Sex: Male Birthdate: 24 April 1959 Nationality: Italy

Occupational field

Medicine

Present position and academic ranks

Professor of cardiovascular medicine, Director of the integrated cardiovascular diagnosis unit

Dates	**January 9th, 2024- Present**
Occupation or position held	Coordinator Public Health Ph.D. program
Main activities and responsibilities	Coordinate the scientific activities and scientific education of Ph.D. students
Name and address of employer	University of Milano Bicocca, Piazza Ateneo Nuovo 1, MIlano, Italy
Dates	**December 31st, 2021 – Present**
Occupation or position held	Full Professor of cardiovascular medicine (MED/11)
Main activities and responsibilities	Teaching and research in cardiovascular medicine, and tutoring cardiology fellows attending the cardiovascular medicine specialty School. Director of the vertical track *Cardiovascular diseases and respiratory sciences* of the International degree in medicine and surgery, SMS, School of Medicine and Surgery
Name and address of employer	University of Milano Bicocca, Piazza Ateneo Nuovo 1, MIlano, Italy
Dates	**November 1st, 2021 – Present**
Occupation or position held	Director of the integrated cardiovascular diagnosis unit
Main activities and responsibilities	Organization and supervision of cardiovascular imaging studies (echocardiography, cardiac magnetic resonance and computed tomography) to develop a multimodality cardiology imaging laboratory for both clinical and research purposes.
Name and address of employer	Istituto Auxologico Italiano, IRCCS, P.le Brescia 2, 20149 Milano, Italy

Previous work experience

Dates	**November 1st, 2021 – January 9th, 2022**
Occupation or position held	Faculty member of the Ph.D. Course in Public Health Tutoring of Ph.D. fellows and supervising Ph.D theses compilation
Name and address of employer	University of Milano Bicocca, Piazza Ateneo Nuovo 1, MIlano, Italy
Dates	**October 1st, 2019-December 31st, 2021**
Occupation or position held	Associate Professor of cardiovascular medicine (MED/11)
Name and address of employer	University of Milano Bicocca, Piazza Ateneo Nuovo 1, MIlano, Italy
Dates	**October 1st, 2019-November 1st, 2021**
Occupation or position held	Director fo the echocardiography laboratory
Name and address of employer	Istituto Auxologico Italiano, IRCCS, P.le Brescia 2, 20149 Milano, Italy
Dates	**July 2015- October 31st, 2021**
Occupation or position held	Faculty member of "G.B. Morgagni" Ph.D. Course in Translational Specialist Medicine
Name and address of employer	University of Padua School of Medicine, Via N Giustiniani 2, 35128 Padova, Italy
Dates	**April 1st, 2010-September 30, 2019**
Occupation or position held	Staff cardiologist, Director of the Echo Lab
Main activities and responsibilities	Clinical echocardiography, daily/night shifts
Name and address of employer	Azienda Ospedaliera di Padova, Via N Giustiniani 2, 35128 Padova, Italy
Dates	**February 2012- September 2019**
Occupation or position held	Contract as Professor of Cardiovascular Imaging
Main activities and responsibilities	Teaching and training in echocardiography the residents in cardiology; Research in echocardiography; Organizing educational activities in echocardiography
Name and address of employer	University of Padua School of Medicine, Via N Giustiniani 2, 35128 Padova, Italy
Dates	**February 2012 – September 2019**
Occupation or position held	Faculty member (Echocardiography) of Specialty school in diseases of the cardiovascular system
Main activities and responsibilities	Teaching and training in echocardiography the residents in cardiology; Supervising specialty theses research and writing
Name and address of employer	University of Padua School of Medicine, Via N Giustiniani 2, 35128 Padova, Italy
Dates	**September 2018- September 2019**
Occupation or position held	Director Master in Basic and Advanced Echocardiography
Main activities and responsibilities	Organization of the scientific program, lesson calendar and practical training sessions
Name and address of employer	University of Padua School of Medicine, Via N Giustiniani 2, 35128 Padova, Italy
Dates	**April 6th 1999- March 31st 2010**
Occupation or position held	Staff cardiologist, Director of the Echo Lab
Main activities and responsibilities	Clinical and research echocardiography
Name and address of employer	Azienda Ospedaliero Universitaria "S. Maria della Misericordia" Piazzale S. Maria della Misericordia 15, 33100, Udine, Italy

Dates	**June 15th 1997-April 5th 1999**
Occupation or position held	Staff cardiologist
Main activities and responsibilities	Consultant in Coronary Care Units, Coronary angiography and catheterization studies – Cardiology consultant at Centro Ricerche Oncologiche, Aviano (PN)
Name and address of employer	Azienda Ospedaliero S Maria degli Angeli - Pordenone, Italy
Dates	**December 28th, 1988- June 14th, 1997**
Occupation or position held	Staff cardiologist
Main activities and responsibilities	Clinical cardiology, echocardiography, exercise test testing
Name and address of employer	USL 3, Genova

Education and training

Title and professional qualification obtained	**Ph.D. (Doctor of Philosophy)**
Graduation mark	Excellent
Name and type of organisation awarding the title	University of Padova, Padova, Italy
Dates	**April 23rd, 1987**
Title and professional qualification obtained	**MD**
Graduation mark	106/110
Level in national classification	NA
Name and type of organisation awarding the title	Medical School, University of Parma

Publications

http://www.ncbi.nlm.nih.gov/pubmed/?term=badano+l

379 papers in peer-reviewed international journals
80 papers in peer-reviewed national journals
3 papers submitted
29 papers in non peer-reviewed journals or meeting proceedings
6 letters to the Editor
75 book chapters
9 books
488 abstracts in ISI journals
137 abstracts in meeting proceedings

61080 citations
h-index (Scopus): 81

Training courses and seminars organizer

82 (59 international)

Invited lectures	1156 (848 at international meetings)
Main research interests	Three-dimensional echocardiography; Left atrial function; left ventricular function; Right ventricular function; pulmonary hypertension

Professional affiliations

- Associazione Medici Cardiologi Ospedalieri (since 1987**, Fellow since 1997**)
- Società Italiana di Ecografia Cardiovascolare (1989- 2012, 2019-today, **Chairman WG heart valve diseases since 2023**)
- European Society of Cardiology (member since 1987**, Fellow since 1996,** board member 2010-2012, Web advisor committee 2008-2010)
- American Society of Echocardiography (since 1994, **Honorary Fellow since 2020)**
- ESC Working Group on Echocardiography (1994-2003)
- European Association of Cardiovascular Imaging (member since 2003, board member 2004-2008, President Elect 2008-2010**, President 2010-2012, Honorary Fellow since 2019**)
- American College of Cardiology **(Fellow since 2012)**
- Società Italiana di Cardiologia (2020-oggi)

Honorary memberships

- Romanian Society of Cardiology (2016)
- Korean Society of Cardiology (2015)
- Hungarian Society of Cardiology (2012)

Honorary Fellowships

- British Society of Echocardiography (2021)
- American Society of Echocardiography (2020)
- European Association of Cardiovascular Imaging (2019)

Awards

1. EACVI Excellence in Education Oustanding Master Educator 2023 awarded by the European Association of Cardiovascular Imaging a registered branch of the European Society of Cradiology

2. Highly Cited Researcher in 2021 to have produced multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science

3. Highly Cited Researcher in 2020 to have produced multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science.

4. The paper "Kocabay G, Muraru D, Peluso D, Cucchini U, Mihaila S, Padayattil-Jose S, Gentian D, Iliceto S, Vinereanu D, Badano LP. Normal left ventricular mechanics by two-dimensional speckle-tracking echocardiography. Reference values in healthy adults. Rev Esp Cardiol (Engl Ed)2014;67:651-8. doi: 10.1016/j.rec.2013.12.009 received the first prize of the Spanish Society of Cardiology to the articles published in Rev Esp Cardiol with the greatest international repercussion in the long term

5. Highly Cited Researcher in 2019 to have produced multiple highly cited papers that rank in the top 1% by citations for field and year in *Web of Science*.

6. Highly Cited Researcher in 2018 to have produced multiple highly cited papers that rank in the top 1% by citations for field and year in *Web of Science*.

7. Honorable mention by Brazilian CAPES (Coordenacao de Aperfeicoamento de Pessoal de Nivel Superior) as a co-chair of the PhD thesis "*Ultrasonografia pulmonary na predicao de eventos adversos e pacientes ambulatoriais com insuficiencia cardiac moderata e grave*" which won the Premium Capes de Tese 2016

	8. Elite reviewer J Am Coll Cardiovasc Imaging 2016 9,10. Outstanding reviewer J Am Soc Echocardiogr 2015, 2017 11-15 Top reviewer Eur Heart J Cardiovasc Imaging 2014, 2015, 2016, 2017, 2018 16-17. Excellence in Revieweing J Am Soc Echocardiogr 2012, 2013 18. European Society of Cardiology silver medal 2013 19. Elite reviewer Eur Heart J 2012 20. High specialty skill in echocardiography (Azienda Ospedaliera di Udine, Italy)
International studies and research grants	13 (as sub-investigator) and 3 as main investigator

Other professional experience

ESC Meeting Scientific Committee (1997-2000 e 2007 -2010)

EuroEcho Scientific Committee since 1998 to today

Chair EuroEcho Scientific Programme Committee (2009, 2010)

Echo Core Lab Director: International multicenter studies: Perceval, Pivotal Echo (by Sorin Biomedica S.p.A, Saluggia, Italy), MANTRA study (by Corcym SpA, Milan, Italy)

Member of the Clinical Event Committee of **Magna Ease** and **Magna Mitral, TRITON, MISSION and MITRIS** international **multicenter** trials run by Edwards Lifesciences LLC (Irvine, CA, US)

Director Master Course for Cardiac Sonographers organized by the University of Padua (2009 - 2019)

Editorial activity

Associate Editor: Journal of the American Society of Echocardiography (2022- today)

Journal of Cardiovascular Medicine (2011- today)

European Journal of Heart Failure (2014- today)

Echocardiography (2020- 2021)

Frontiers in cardiovascular imaging (2021-2022)

Editorial board: Giornale Italiano di Ecografia Cardiovascolare (dal 1997)

Italian Heart Journal (2004-2005)

International Editorial Board:

Circulation Cardiovasc Imaging (2015- today)

JACC Imaging (2015 - today

European Journal of Echocardiography (2006 –2011)

European Heart Journal of Cardiovascular Imaging (2011- today)

Archives of Turkish Society of Cardiology (2016-)

Anatolian Journal of Cardiology (Anadolu Kardiyoloji D (2009 -today

European Heart Journal (2011- today)

Romanian Journal of Cardiology (2011 -today)

Journal of the American Society of Echocardiography (2012 - today)

Journal of Cardiovascular Medicine (from 2005 to 2008, from 2011-today)

Archives of Cardiovascular Imaging (2012- today)

Reviewer: - Giornale Italiano di Cardiologia (1993-1995, 1999, 2000-today)

- Italian Heart Journal (2000-2005)
- Cardiovascular Research (from1996 to 1998)
- G Ital Eco Cardiovasc (1997-today)
- Cardiologia (from 1997 to 2000)
- European Journal of Heart Failure (2002-today)
- Journal of Cardiovascular Medicine (2005-today)
- European Journal of Echocardiography (2006-today)
- Diabetes Care (2005)
- Heart (2006-today)
- Am J Cardiol (dal 2007-today)
- International Journal of Cardiovascular Imaging (2007-today)
- European Heart Journal (2007-today)
- Journal American Society of Echocardiography (2005-today)
- JACC Imaging (2009-today)
- Circulation Imaging (2009-today)
- Journal of American College of Cardiology (2010)
- Circulation (since 2012)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

English

UNDERSTANDING		SPEAKING		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user

Common European Framework of Reference for Languages

First Certificate Cambridge University

Communication skills	• excellent communication skills in foreign environments gained through years of research, active involvement in international scientific society scientific and educational activities, and in running the European Association of Cardiovascular imaging both as President-elect and President • important presentational and mentoring skills acquired as a supervisor and tutor of post-baccalaureate students and medical students during PhD studies and postdoctoral training • significant amount of experience in communicating with patients and their relatives gained through 26 years of clinical practice in 4 different Istitutions
Job related skills	- two- and three-dimensional transoesophageal echocardiography - exercise and pharmacological stress echocardiography - contrast echocardiography - three-dimensional echocardiography - deformation imaging - computerized echo reporting - digital echo lab organization and handling - echo monitoring interventional procedures in the cath lab
Computer skills and competences	MS Office 2016 Statistics: SPSS 13.0, MedCalc 8.1.1.0 EndNote, Reference Manager
Driving licence	Yes (category B)

Milano, 18 giugno 2024

Luigi P. Badano, MD, PhD, FESC, FACC, Honorary Fellow ASE, EACVI and BSE