



Francesco Sardanelli

Francesco Sardanelli graduated in Medicine with honors at the Genoa University in 1982 and postgraduated in Radiodiagnostics with honors at the same University in 1986. He served as a staff radiologist at the San Martino Hospital, Genoa (1987-1999) and as adjunct professor at the Genoa University (1993-2000). Since April 2001 to April 2024, he has been director of the department of radiology at the Research Hospital (IRCCS) Policlinico San Donato, San Donato Milanese, Milan, Italy. Roles at the University of Milan: adjunct professor of radiology (2002-2006), associate professor of radiology (2006-2015), and full professor of radiology (2015-2023); director of the postgraduate school in Nuclear Medicine (2008-2010); director of the postgraduate school in Radiodiagnostics (2015-2021).

Since 2009, he is Director of the European Network for Assessment of Imaging in Medicine in the context of the European Institute for Biomedical Imaging Research of the European Society of Radiology (ESR). Since 2020, he is member of the executive committee of the European Society of Breast Cancer Specialists (EUSOMA). Since 2022, he is member of the Comitato Scientifico of the Lega Italiana per la Lotta contro i Tumori (LILT) Milano Monza Brianza and since May 2024, he is Scientific Coordinator of the same organization.

He has been consultant for the Istituto Superiore di Sanità, Rome, Italy, for the national radiological coordination of multicenter studies on breast MRI screening of high-risk women (1998-2009), member of the ESR Research Committee (2006-2010; 2012-2015), member of the national council of the Italian Society of Medical and Interventional Radiology, SIRM (2006-2010), president of the European Society of Breast Imaging (2012-2015), and president of the Italian College of Breast Radiologists by SIRM (2014-2015). In 2009, he coordinated the EUSOMA working group that provided multidisciplinary recommendations for breast MRI (doi:10.1016/j.ejca.2010.02.015). In 2010, he was cofounder of Breast Centres Certification, and since that date, he is officer for breast units' certification according to EUSOMA guidelines. From 2015 to 2024, he has been vice president of the Quality Assurance Scheme Development Group of the European Commission Initiative on Breast Cancer. From 2018 to 2022, he served as member of the Scientific Committee of the Accademia di Senologia "Umberto Veronesi". In 2019-2021, he was member of the Italian group "Artificial Intelligence and healthcare biomedical research" of Smith Kline Foundation. In 2020, he was member of the external review group of the World Health Organization Rapid Advice Guide on radiological imaging in COVID-19 management. In 2023-2024, he served as president of the Ethics Committee of the San Raffaele Hospital, then Comitato Etico Territoriale Lombardia 1. He is the principal investigator of the Multicenter International Prospective Analysis (MIPA) study in which over 7,000 patients from 27 centers were enrolled worldwide from 2013 to 2018 to assess the impact of preoperative breast MRI. Methods and Results have been published *Eur Radiol* (doi: 10.1007/s00330-020-06824-7; 10.1007/s00330-021-08240-x; 10.1007/s00330-023-09600-5; 10.1007/s00330-023-10409-5; 10.1007/s00330-024-11338-7).

He has been member of the Editorial/Advisory Board for several medical journals, including the *The American Journal of Roentgenology*, *Clinical and Translational Imaging*, *European Radiology*, *Insight into Imaging*, *La Radiologia Medica*, and *The Breast*. Since 2017, he is Editor-in-Chief of *European Radiology Experimental* (Impact factor 3.8; Q1). He published 8 books and 47 book chapters. Co-editor with Franca

Podo of the book: Breast MRI for high-risk screening, Springer 2020, pp 369

(<https://link.springer.com/book/10.1007/978-3-030-41207-4>). Data from the Scopus database on March 14, 2025: articles 528; citations 16,441; h-index 63 (ORCID identifier: <http://orcid.org/0000-0001-6545-9427>).

Topic distribution of published articles: Breast 35%; Cardiovascular 24%; Body 13%; Musculoskeletal 10%; Neuro 8%; Methodology, artificial intelligence and other 10%. Over 250 published articles are related to MR imaging or MR spectroscopy.

He is currently member of the following medical societies:

- European Society of Breast Cancer Specialists (EUSOMA);
- European Society of Breast Imaging (EUSOBI);
- European Society of Medical Imaging Informatics (EUSOMII);
- European Society of Radiology (ESR);
- International Society of Magnetic Resonance in Medicine (ISMRM) e ISMRM Italian Chapter (AIRMM);
- Società Italiana di Radiologia Medica e Interventistica (SIRM).

Honors: Honorary member of the Royal College of Breast Radiologists, United Kingdom, 2009; Honorary member of the Iranian Society of Radiology, 2014; Platinum Reviewer Lifetime Achievement Award, American Journal of Roentgenology, 2020; Gold Medal European Society of Radiology, 2021; Premio alla Carriera, Attualità in Senologia, 2023; EUSOBI Gold Medal, 2023; Italian College of Breast Radiologists by SIRM, Premio alla Carriera, 2023.

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