

Special Issue

Recent Advances in Breast Cancer Screening

Message from the Guest Editors

Mammography is the screening test that can reduce breast cancer-related mortality. However, the consequent high proportion of false-negative and false-positive results reported, and the shortage of trained radiologists capable of interpreting these exams are just part of the screening management problem, leading to additional economical costs and inequalities between low- and high-income countries. Recently, mammography optimized the lesion to background contrast with resultant improvement in the sensitivity of the technique for cancer detection, facilitated by computer-aided detection. Advances in ultrasound also have the potential to improve the specificity of breast imaging with regard to cancer detection and lesion characterization. Additionally, several studies indicate that MRI has a role in early diagnosis of high-risk patients. Medical imaging and artificial intelligence technology have paved the way to a true personalized medicine. Clinicians are consistently re-evaluating their methods to provide a more personalized approach to breast cancer screening. For this Special Issue, we are soliciting original studies, meta-analysis, reviews, pictorial review, and letters.

Guest Editors

Dr. Anna Rotili

Breast Imaging Division, IEO European Institute of Oncology IRCCS, Milan, Italy

Dr. Filippo Pesapane

Breast Imaging Unit, European Institute of Oncology (IEO), 20141 Milan, Italy

Deadline for manuscript submissions

closed (15 July 2024)



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/154753

Medicina
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
medicina@mdpi.com

[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)





Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



[mdpi.com/journal/
medicina](https://mdpi.com/journal/medicina)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Edgaras Stankevičius
Medical Academy, Lithuanian University of Health Sciences, Kaunas,
Lithuania

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)