



Recent Advances in Breast Cancer Screening

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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.





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