Signatures in Breast Cancer Diagnosis and Applications

Guest Editors:

Prof. Dr. Ibrahim Akduman
Department of Electronics and
Communıcation Engineering,
Istanbul Technical University,
Istanbul 34469, Turkey

Dr. Tuba Yilmaz
Department of Electronics and
Communıcation Engineering,
Istanbul Technical University,
Istanbul 34469, Turkey

Dr. Onur Bugdayci
Department of Radiology,
Internal Medical Sciences, School
of Medicine, Marmara University,
Istanbul 34899, Turkey

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Message from the Guest Editors

Breast cancer constitutes 30% of all cancer types diagnosed in women. It is also the leading cause of cancer-related deaths among women. Traditional diagnostic technologies such as mammography have been proven to be reliable screening tools. Screening mammography is only recommended to women over 40 years old due to the harmful effects of ionizing radiation. However, an increasing number of breast cancer diagnoses are starting to be made in women at their early twenties.

To this end, the goal of this Special Issue is to focus on the novel technologies and improvement in current methods which will enable improved early breast cancer diagnostics for women in their early twenties. Research regarding the improvement of the current diagnostics technologies such as mammography, magnetic resonance imaging (MRI) and ultrasound improved with artificial intelligence, as well as new medical diagnostics technologies including microwave imaging, impedance tomography, biomarker studies and others are welcome. Early animal studies or clinical trials of new methodologies are also welcome. This Special Issue will accept both review and original research articles.

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Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Message from the Editor-in-Chief

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