Advances in Breast Cancer Imaging and Treatment

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Message from the Guest Editors

Breast cancer is the most commonly diagnosed cancer in women, and the first cause of cancer-related death in the female population. In spite of the high incidence, the breast cancer mortality rate has been declining for several years due to more effective treatments and early cancer detection, owing to the progressive spread of modern breast imaging techniques such as DBT, elastosonography, CEM and MRI functional techniques. Moreover, radiomics/radiogenomics image analysis and artificial intelligence are guiding new approaches to highlight breast cancer characteristics and to stratify patients according to risk of disease, risk of recurrence, overall survival and other prognostic and predictive factors. Over the last few decades, the proportion of early-stage breast cancers at diagnosis has increased, reaching about 80%, and breast-conserving surgery is the standard approach for early-stage breast cancer.

This Special Issue of *Diagnostics* is focused on the latest research on the diagnosis and prognosis of breast cancer through novel imaging techniques, as well as on personalized therapies with special attention to minimally invasive imaging-guided procedures.

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Message from the Editor-in-Chief

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