



Challenges and Advances in Radiomics and Artificial Intelligence for Breast Cancer

Guest Editor:

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Message from the Guest Editor

Radiomics and artificial intelligence (AI) are emerging technologies with the potential to revolutionize the diagnosis and treatment of breast cancer. Radiomics involves the extraction of quantitative features from medical images to provide valuable information about tumor characteristics and behavior, while AI algorithms can analyze these data to generate predictive models that aid in making informed decisions about patient care.

This Special Issue will explore, but is not restricted to, the following topics:

- Radiomics and AI for breast cancer diagnosis and staging;
- Radiomics and AI for the differentiation of benign and malignant breast lesions;
- Radiomics and AI for the prediction of treatment response in breast cancer patients;
- Radiomics and AI for the prediction of breast cancer recurrence;
- Advancements in imaging technology and methods for breast cancer diagnosis and treatment;
- Challenges and limitations of using radiomics and AI for breast cancer diagnosis and treatment.





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Message from the Editor-in-Chief

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