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Improving Breast Cancer Management with Artificial Intelligence: New Strategies and Perspective

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Message from the Guest Editor

Breast cancer is the most frequent cancer in women of all ages, accounting for over 2 million diagnoses annually. The need for personalized medicine has progressively changed management strategies for this disease, emphasizing the importance of a multi-disciplinary approach. Furthermore, the integration of artificial intelligence in conjunction with human expertise is emerging as fundamental to face all the challenges of this era.

This Special Issue aims to present and discuss these AI applications, highlighting the most recent strategies and providing new perspective for improving breast cancer diagnosis and survival, from diagnosis to therapy.

Exploring the ethical issues or barriers related to the application of AI, the impact on clinical practice in terms of costs, confidentiality and disparities to access, as well as the relationship between its application and the human resources is of interest. Papers investigating the research outcomes of AI are also welcome, as well as the impact of AI on public health.



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