

Special Issue

Recent Advances in Medical Imaging and Machine Learning

Message from the Guest Editors

This Special Issue aims to address the gap between medical imaging and cutting-edge machine learning algorithms. Medical imaging plays a crucial role in modern healthcare by enabling the non-invasive visualization and diagnosis of various diseases and conditions.

Machine learning techniques offer promising solutions to some of these challenges by automating the process of image analysis, enhancing the accuracy of diagnosis, and unlocking valuable insights from medical data. By leveraging algorithms that are capable of learning patterns and relationships within vast datasets, machine learning enables healthcare professionals to extract actionable information, predict the progression of disease, and personalize treatment strategies.

This Special Issue seeks to explore the intersection of medical imaging and machine learning, thus fostering interdisciplinary collaboration between researchers, clinicians, and engineers. We would like to invite you to submit original research articles, reviews, and perspectives that showcase innovative approaches, practical applications, and critical insights in this rapidly evolving field.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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