

Special Issue

Image Analysis and Postprocessing in Medical Imaging

Message from the Guest Editor

Modern cutting-edge imaging technologies generate vast amounts of high-resolution multiparametric data, often with complex anatomical and functional information. The actual advanced integration of Artificial intelligence and machine learning algorithms in medical imaging are transforming image analysis by enabling automation, improving image quality and accuracy in image segmentation, anomaly detection, and radiomic feature extraction. In this scenario, requires the translation of imaging data into clinically actionable insights, with a potential role in precision medicine in facilitating personalized treatment planning, disease monitoring, and risk stratification. This Special Issue aims to highlight the growing importance of image postprocessing and analysis by providing a platform for interdisciplinary discourse among radiologists, biomedical engineers, computer scientists, and clinical practitioners. By bringing together these various perspectives, this issue will showcase state-of-the-art methodologies, explore their applications, and identify future challenges in the field.

Guest Editor

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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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