

Special Issue

Magnetic Resonance in Various Diseases and Biomedical Applications

Message from the Guest Editors

Magnetic resonance imaging (MRI) is a powerful and versatile imaging modality that has revolutionized the field of medicine. Advancements in MRI technology, such as **high-field MRI**, **diffusion-weighted imaging (DWI)**, **functional MRI (fMRI)**, and **magnetic resonance spectroscopy (MRS)**, have further expanded its capabilities, opening up new avenues for research and clinical applications. This Special Issue aims to showcase the latest research and developments in the field of MRI, highlighting its diverse applications in various diseases and biomedical fields. We invite original research articles, reviews, and perspectives that explore the potential of MRI in improving the diagnosis, prognosis, treatment planning, and monitoring of diseases. Additionally, we welcome studies that investigate the use of MRI in preclinical research and translational medicine. By bringing together experts and researchers from different disciplines, we hope to foster collaboration and innovation in the field of MRI, ultimately leading to improved patient care and outcomes.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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