

## Special Issue

# Advances in Brain Magnetic Resonance Imaging for Human Disorders

### Message from the Guest Editors

Brain magnetic resonance imaging (MRI) is a highly useful modality that noninvasively provides brain structures and signal intensities with a high spatial resolution. In the general clinical setting, the characteristics of brain MRI were visually assessed, while the recent advances in quantitative morphometric pipelines enabled the automatic comprehensive measurements of cortical and subcortical structures and white matter pathways on MRI images. These novel approaches have potentially helped to enhance clinical diagnoses, discover pathophysiological mechanisms, and identify neuroimaging-based biomarkers in various disorders. In this Special Issue, we look forward to receiving original articles, reviews, and short communications highlighting clinical research on brain MRI in patients with congenital genetic disorders, chromosomal disorders, neurodevelopmental diseases, psychological disorders, perinatal disorders, and systemic disorders (such as endocrinologic disorders, autoimmunologic disorders, and malignant disorders). We also welcome receiving original articles on novel statistical approaches or methodological technologies of brain MRI.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2024)



## Diagnostics

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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