

Special Issue

MR Imaging in Screening, Prediction, and Follow-Up of Neurological Disorders

Message from the Guest Editors

Neurological disorders cover a wide range of diseases, including brain tumors, epilepsy, multiple sclerosis, Parkinson's disease, Alzheimer's disease, cerebral palsy, etc. Despite important achievements in the field of the mentioned disorders, the main mechanisms of most are still unclear. Advances in magnetic resonance neuroimaging enable the development of novel approaches for investigating brain alteration with both structural and functional origins. The informative, meaningful, and descriptive information extracted from magnetic resonance imaging provides valuable knowledge about various neurological disorders, and plays an important role in the prognosis prediction of these disorders, and in early detection, screening, disease monitoring, assessing the treatment effects, managing the treatment, etc. In the present Special Issue entitled "MR Imaging in Screening, Prediction, and Follow-Up of Neurological Disorders" we intend to present an excellent overview of the current advanced methods that improve the quality of diagnosis and treatment in neurological disorders with the aid of magnetic resonance imaging approaches.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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