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

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Message from the Guest Editors

Dear Colleagues,

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 alternation 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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Special Issue

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Message from the Editor-in-Chief

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