Special Issue

Unraveling Brain Networks of Neurological Disorders with Advanced Imaging Technology

Message from the Guest Editor

The complex architecture of brain networks serves as the foundation for cognitive functions and behaviors, with disturbances in these networks often leading to neurological disorders. The advent of advanced imaging technologies has marked a new era in neuroscience, enabling detailed visualization and analysis of brain structures and functions with an unparalleled level of precision. This Special Issue is dedicated to showcasing cutting-edge research that employs sophisticated imaging modalities, such as high-definition magnetic resonance imaging (MRI), functional MRI (fMRI), and novel neuroimaging techniques, to dissect the neural correlates of neurological disorders. Our objective is to highlight studies that push the boundaries of our understanding of brain networks affected by disorders including, but not limited to, Alzheimer's disease, Parkinson's disease, multiple sclerosis, and epilepsy. Contributions are invited to explore innovative imaging approaches for identifying neural biomarkers, elucidating disease pathways, and developing targeted interventions.

Guest Editor

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Deadline for manuscript submissions

closed (18 November 2024)

Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/200132

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Message from the Editor-in-Chief

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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