

Special Issue

Brain Function, Dysfunction and Post-Damage Reorganization, Two Decades of Research

Message from the Guest Editors

In recent decades, some classical dogmas in neuroscience have been reconsidered. Indeed, in contrast with previous conception, new investigation on the physiology and architecture of the human central nervous system led to a new idea of the brain as a plastic and dynamic entity. Moreover, imaging studies and computational models have suggested that complex functional and structural neuronal networks, rather than isolated brain areas, underpin the sensorimotor and cognitive aspects of human behavior. Furthermore, updates in scientific literature have pointed out the critical role of biomarkers in understanding brain functions and diseases. This Special Issue aims to collect and describe recent updates in brain function, dysfunction, and post-damage reorganization from a multidisciplinary perspective. In this Special Issue, several knowledgeable researchers in this field will provide new issues with significant implications in the knowledge of brain physiology, pathology, and repair.

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Deadline for manuscript submissions

closed (10 June 2021)



Life

an Open Access Journal
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Impact Factor 3.9
CiteScore 7.1
Indexed in PubMed



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