Special Issue

Disorders of the Central Nervous System (CNS) and Peripheral Nervous System (PNS)

Message from the Guest Editors

The central and peripheral nervous systems are composed of an intricate network of neurons supported by various glial cells. The connection between brain cells within this network are meticulously regulated and strengthened based on the needs of the organism. Many diseases and disorders disrupt the cellular circuitry within the nervous system, resulting in debilitating psychological and neurological symptoms. This Special Issue focuses on reviews and original research articles that help gather details about cellular, molecular, and systems disruptions to the nervous system, both in the central nervous system (CNS) and the peripheral nervous system (PNS). We aim to bring together new research across various models, like human brain imaging, murine neuroscience, invertebrate electrophysiology, neurobiology, and computational modeling to provide a multidisciplinary approach for studying physiological and pathological aspects of nervous system function.

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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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