

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.

Guest Editors

Dr. Luana Fioriti

Department of Neuroscience, Istituto di Ricerche Farmacologiche Mario Negri, Dulbecco Telethon Institute, 20156 Milan, Italy

Dr. Lenzie Ford

Kosik Lab, Neuroscience Research Institute, University Of California Santa Barbara, Santa Barbara, CA 93106, USA

Deadline for manuscript submissions

closed (1 November 2021)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/79144

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

mdpi.com/journal/

[brainsci](https://brainsci.mdpi.com)





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
brainsci](https://mdpi.com/journal/brainsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.