Special Issue

Neuropathic Pain: Pathophysiology, Diagnosis and Treatment

Message from the Guest Editors

Neuropathic pain-pain resulting from a lesion or disease of the nervous system-has long been recognized as a complex clinical challenge. In recent decades, advances in understanding neuropathic pain pathophysiology-from molecular mechanisms to central neural plasticity-are shedding new light and enabling improved diagnosis and therapy. This Special Issue of Brain Sciences aims to showcase cutting-edge research on the pathophysiology, diagnosis, and treatment of neuropathic pain. We especially welcome studies utilizing advanced diagnostic tools (e.g., neuroimaging, infrared thermography, and AI-based analysis) aimed at enhancing the detection and assessment of neuropathic pain. Our goal is to bridge basic science and clinical practice by exploring innovative interventions for neuropathic pain. We invite original research articles (clinical or preclinical), comprehensive review papers, and case reports or case series. Topics of interest include novel mechanisms and biomarkers of neuropathic pain, advances in diagnostic criteria and imaging techniques, emerging pharmacological and neuromodulation therapies, and rehabilitative strategies to improve patient outcomes.

Guest Editors

Prof. Dr. Marcos Brioschi

1. American Academy of Thermology (AAT), Greenville, SC, USA 2. Harvard T.H. Chan School of Public Health, Harvard University, Boston, MA, USA

Prof. Dr. Areerat Suputtitada

 Department of Rehabilitation Medicine, Faculty of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Rama 4 Road, Bangkok 10330, Thailand
Principles and Practice of Clinical Research (PPCR), Harvard T.H.

Chan School of Public Health, Harvard University, Boston, MA, USA

Deadline for manuscript submissions

20 January 2026



Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



mdpi.com/si/245723

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

mdpi.com/journal/ brainsci





Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.6 Indexed in PubMed



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, PSYNDEX, 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.