

Special Issue

Management of Cerebrovascular Disease and Its Complications: Advances and Challenges

Message from the Guest Editor

Recent decades have witnessed massive progress in the field of cerebrovascular disease. However, endovascular approaches for distal occlusions, larger ischemic core volumes, and patients with milder neurological deficits, as well as acute management of hypertension or the use of neuroprotective agents, remain challenging.

This Special Issue aims to present a collection of research detailing the most recent advancements and challenges of novel approaches (i.e., pharmacological, surgical, neuromodulatory, and cognitive behavioral therapy) and technological developments in patients or animal models with cerebrovascular diseases. Emerging progression in the field of cerebrovascular disease-associated complications will also be included.

Authors are invited to contribute original studies, reviews, and case reports to this Special Issue, covering one of the following areas: a) fundamental research regarding the prevention and treatment of cerebrovascular disease and its complications; b) clinical research on novel strategies for pre-hospital management, patient stratification, hyperacute treatment, rehabilitation, and secondary prevention for cerebrovascular disease and its complications.

Guest Editor

Dr. Teng Jiang

Department of Neurology, Nanjing First Hospital, Nanjing Medical University, No. 68 Changle Road, Nanjing, China

Deadline for manuscript submissions

closed (30 November 2023)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/162049

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



[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.