

Special Issue

Neurosurgery for Cerebral Aneurysms

Message from the Guest Editor

In recent years, there has been an increase in the detection of unruptured cerebral aneurysms. This creates a significant dilemma especially for neurologists and neurosurgeons in the decision-making process as whether to begin treating an aneurysm or to follow its progression. Research in the pathophysiology of cerebral aneurysms may elucidate our understanding of these lesions.

The rupture of cerebral aneurysms results in subarachnoid hemorrhage (SAH) is associated with different levels of neurological deficit or even death. Successful exclusion via either surgical or endovascular treatment is usually the first step in the treatment of ruptured aneurysms. Both surgical and endovascular techniques have continued to evolve enormously, with new materials and adjuvant technologies such as perioperative angiography, electrophysiological monitoring, surgical instruments, endoscopic techniques, as well as flow diverters, balloon- or stent-assisted coiling, and many more.

We welcome all original research studies, case reports, technical notes, or reviews focused on recent developments in the treatment of intracranial aneurysms and subarachnoid hemorrhage.

Guest Editor

Dr. Aleš Hejčl

Department of Neurosurgery, J.E. Purkyně University, Masaryk Hospital, Sociální péče 12A, 401 13 Ústí nad Labem, Czech Republic

Deadline for manuscript submissions

closed (30 June 2020)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/29883

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

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





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 6.0
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 17.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second 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.