

Special Issue

New Advances in Neuroimmunology and Neuroinflammation

Message from the Guest Editors

This Special Issue of *Brain Sciences* aims to showcase recent advances in neuroimmunology and neuroinflammation research in both preclinical and clinical areas, with a focus on neurodegenerative diseases. We particularly welcome in vivo and in vitro studies on new concepts, technological innovations, and novel models that can be applied to explore the role of neuroimmunology and neuroinflammation in neurological and neuropsychiatric diseases. This includes (but is not limited to), the role of inflammation in blood-brain barrier dysfunction, the effects of new drugs to treat neurodegenerative diseases and their role in the immune response, and the mediating effects of anti-inflammatory therapies in neurodegeneration. In addition to research articles, reviews and mini-reviews on recent progress in neuroimmunology and neuroinflammation in neurological and neuropsychiatric diseases are encouraged. Submissions of case reports on rare glia-related conditions (neuroinflammation) from clinical settings, including imaging or neuropathology patterns, are also welcome. **Keywords**

- neuroinflammation
- neuroimmunology
- glia
- neurodegenerative diseases
- cytokines
- chemokines

Guest Editors

Dr. Junhui Wang

Dr. Xueping Chen

Dr. Jing Sun

Dr. Matheus Uba Chupel

Deadline for manuscript submissions

closed (30 June 2025)



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/210975

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 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.