

# 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

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2025)



## Brain Sciences

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## 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.

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### Editor-in-Chief

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