



New Advances in Neuroimmunology and Neuroinflammation

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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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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.9 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2024).

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