

# Special Issue

## Advances in Neuroinflammation and Immune Response

### Message from the Guest Editor

—This Special Issue brings together original research articles and comprehensive reviews that explore the mechanisms underlying CNS immune activation, the role of glial cells, blood-brain barrier dysfunction, and emerging neuroimmune pathways. Emphasis is placed on novel biomarkers, therapeutic targets, and the translational potential of immunomodulatory strategies. Studies employing advanced techniques such as single-cell sequencing, in vivo imaging, and systems biology contribute to a deeper understanding of the dynamic immune responses within the brain.

—By fostering interdisciplinary collaboration across immunology, neuroscience, and clinical research, this Special Issue aims to fill knowledge gaps and promote the development of targeted therapies for neuroinflammatory conditions. Collectively, the contributions offer valuable insights into how immune dysregulation contributes to CNS pathology and how restoring immune balance could transform the treatment of neurological diseases.

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### Guest Editor

Dr. Bojan Shutinoski

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### Deadline for manuscript submissions

closed (28 February 2026)



## Brain Sciences

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Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



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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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