

## Special Issue

# New Insights into Neuroimmunology

### Message from the Guest Editor

For a long time, the central nervous system (CNS) was described as an immune-privileged organ devoid of contact with the immune compartment in homeostatic conditions. This paradigm was in part explained by the presence of CNS barriers. Nowadays, we know that peripheral immune cells patrol the CNS in both patients and healthy individuals. During disease, extensive intricate interactions occur between leukocytes and CNS resident cells. Further understanding these direct and indirect communications between the cells could help, on one hand, prevent deleterious neuroinflammation, while, on the other hand, could help promote repair mechanisms and restore homeostasis. The aim of this Special Issue of the journal *Biomolecules* is to highlight new or recently described neuroimmune cell interactions and biological processes involved during states of health and neurological diseases. Original research manuscripts, reviews and communications are invited.

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### Guest Editor

Dr. Marc André Lécuyer  
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### Deadline for manuscript submissions

closed (30 November 2025)



## Biomolecules

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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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### Editors-in-Chief

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