

Special Issue

Neuroimmune Interactions: From Physiology to Pathology

Message from the Guest Editor

This Special Issue explores the critical role of neuroimmune communication in tissue homeostasis, disease progression, and therapeutic innovation. It invites original research and reviews on the molecular and systemic mechanisms of neuroimmune crosstalk, focusing on glial-immune interactions, metabolic reprogramming, and advanced technologies such as single-cell omics and spatial transcriptomics. Studies on therapeutic strategies including neuromodulation and immune reprogramming are especially welcome. By bridging physiology and pathology, the issue aims to highlight emerging paradigms and translational opportunities in neuroimmune biology.

Guest Editor

Dr. Chih-Li Chen

School of Medicine, College of Medicine, Fu-Jen Catholic University,
New Taipei City 24205, Taiwan

Deadline for manuscript submissions

30 September 2026



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles

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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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