

## Special Issue

# Immune Dysfunction in Brain Disorders

### Message from the Guest Editor

Immune system dysfunction is known to contribute to the pathogenesis and severity of brain disorders. Impairments in the production of pro-inflammatory mediators, as well as in the secretion of chemokines regulating the migration of immune cells, have been associated with a broad spectrum of brain disorders, including neurodevelopmental disorders, Parkinson's disease, Alzheimer's diseases, and brain tumors. Furthermore, pro-inflammatory molecules may impair brain physiology during aging, therefore contributing to age-related dementia. The aim of this Special Issue is therefore to describe the role of inflammation in the pathogenesis and severity of brain disorders. In addition, manuscripts which aim to discuss the contribution of brain damage to the onset of pro-inflammatory conditions are welcome.

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### Guest Editor

Dr. Luca Pangrazzi

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### Deadline for manuscript submissions

closed (31 December 2023)



## Biomedicines

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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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