

Special Issue

Recent Discoveries and Progress in Central Nervous System Neuroinflammation

Message from the Guest Editor

Neuroinflammatory processes are a hallmark of many central nervous system conditions. Neuroinflammation can involve central and peripheral immune cell populations, as well as interaction between them. Conventional knowledge suggests that it is universally detrimental. Neuroinflammation was believed to result from an imbalance of pro- and anti-inflammatory cells and mediators, which were often seen as dichotomous. However, a more detailed understanding of the complexity of neuroinflammatory processes has emerged, putting them into the specific context of individual conditions. This helps to identify promising new diagnostic approaches and therapeutic targets. This Special Issue aims to summarize recent findings on cellular and non-cellular elements of neuroinflammation in the context of cerebrovascular, neurodegenerative, autoimmune and neoplastic central nervous system disorders. Original contributions will be considered, including those describing novel methodological approaches, as well as high-quality review articles. This Special Issue specifically welcomes articles focusing on translationally relevant aspects and strategies.

Guest Editor

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Deadline for manuscript submissions

31 August 2026



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/264304

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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