

Special Issue

Glial Inflammation and Neurological Disorders

Message from the Guest Editor

Glial assembly is now becoming a main player in central nervous system health and disease. The abnormal functions of glial cells, not only induce various kinds of neurological disorders, including autism spectrum disorders and leukoencephalopathy, but is also related to the exacerbation of disease courses, such as cerebral infarction, motor-neuron diseases, Alzheimer disease, Parkinson's disease, etc. The term "Glial inflammation" often used to indicate reactive activation of astroglia and microglia in lesions of neurodegenerative/neuroinflammatory diseases. In fact, almost all neurological disorders induce "glial inflammation", but the purposes are still unknown. Recent advances in research technology have enabled the functional analysis of glial cells in addition to great conventional work on histological analyses. In this Special Issue, we aim to summarize cutting-edge research topics about the universe of glial assembly in health and disease, and seek new clues to create new therapeutic options for intractable disorders through elucidation of the roles of glial inflammation.

Guest Editor

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Deadline for manuscript submissions

closed (10 May 2018)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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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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