Special Issue

Frontiers in Neuroinflammation

Message from the Guest Editor

Neuroinflammation is currently considered a hallmark of most neurological disorders, consisting of the collective dynamic response of glial cells to impaired nervous tissue homeostasis. According to an emerging idea, all cells in the nervous system are, indeed, connected by an intricate network of mutual influences and interdependencies, where intercellular interactions represent links and nodes. A deeper knowledge of the properties of this network, including the mechanisms that promote collective responses to different challenges, in both normal and pathological conditions, could help to understand some of the most controversial features of neuroinflammation.

This Special Issue fits this twofold perspective: it is dedicated to research that can increase the current knowledge of cell interactions in neuroinflammation and their role in normal conditions. In addition, studies regarding how these interactions are affected by, or may affect, the extracellular matrix will also be considered for publication. This could inspire the concept of the nervous tissue as a microsystem, whose properties are affected by lifespan adaptations to a changing microenvironment.

Guest Editor

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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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