



cells



an Open Access Journal by MDPI

Frontiers in Neuroinflammation

Guest Editor:

Dr. Daniele Nosi

Dipartimento di Medicina
Sperimentale e Clinica, Università
degli Studi di Firenze, Largo
Brambilla 3, 50134 Firenze, Italy

Deadline for manuscript
submissions:

closed (15 February 2023)

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.



mdpi.com/si/102821

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)