

Special Issue

Glial Cells in Aging Neuroscience

Message from the Guest Editor

We are excited to announce a forthcoming Special Issue of *Cells* titled "Glial Cells in Aging Neuroscience". This Special Issue aims to collect cutting-edge research on the molecular and cellular mechanisms by which aging impacts glial cells, their interactions with neurons, and their roles in neurodegenerative diseases. We invite researchers to submit original research articles and reviews that explore these topics using advanced methodologies and innovative approaches. Topics of interest include, but are not limited to, the following: Glial cell senescence and dysfunction; Neuroinflammation and aging; Glial-neuronal interactions in aging; Glial–glial crosstalk in aging; Molecular pathways and signaling in aged glial cells; Therapeutic strategies targeting glial cells in age-related diseases.

We believe that this Special Issue will provide a comprehensive overview of current advancements and stimulate further research in the field of glial cell biology in the neuroscience of aging. We look forward to reading your contributions.

Guest Editor

Dr. Renato Socodato

Glial Cell Biology Group, Instituto de Investigação e Inovação em Saúde (i3S), Instituto de Biologia Molecular e Celular (IBMC), University of Porto, 4200-135 Porto, Portugal

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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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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Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE,
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).