



neuroglia

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Editors-in-Chief

Prof. Alexej Verkhratsky
University of Manchester, UK

Prof. Arthur Butt
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Message from the Editors-in-Chief

Neuroglia is an Open Access journal that welcomes submissions on the multiple aspects of the physiology and pathophysiology of all types of glial cells in the central and peripheral nervous system. The journal recognises that it is inconceivable to consider glial cells, or any other cells, in isolation and, hence, it encourages papers dedicated to studies on the interactions of glial cells with neurones, blood vessels, and the immune system. *Neuroglia* is convinced that this comprehensive approach will significantly contribute to advance our understanding of long-standing questions concerning learning, cognition, and behavior, and how these processes are altered in ageing and pathology.

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Aims and Scope

Neuroglia welcomes submissions on the morphology, physiology, and pathology of the central, peripheral, and enteric nervous systems throughout the life course in invertebrates and vertebrates, employing both in vivo methods based on animal models and in vitro techniques. *Neuroglia* publishes on all aspects of glial biology, including structure, homeostasis, and metabolism. In addition, studies on the biophysical and biochemical aspects of ion channel and receptor function and on intra- and intercellular signaling are welcome.

Neuroglia invites submissions on a wide range of specific topics, including, but not limited to:

- Evolution of neuroglia
- Gliogenesis, fate decision and differentiation
- Neuroglia in the developing nervous system
- Anatomy and physiology of all types of glial cells (astrocytes, oligodendrocytes, NG2 cells, microglia, radial glia, Schwann cells, enteric glia, satellite glia, etc.)
- Myelination
- Metabolism
- General glial pathology
- Glial cells in humans, in health and pathology
- Brain imaging
- Genomics and proteomics
- Neuroglia and neuroinflammation
- Neuroglia in ageing
- Glial cells in neurodegenerative diseases
- Glial reactivity
- Glial cellular interactions

Editorial Office

Neuroglia Editorial Office
neuroglia@mdpi.com
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com
mdpi.com/journal/neuroglia

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MDPI
St. Alban-Anlage 66
CH-4052 Basel
Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18



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