

## Special Issue

# Interplay between the Neurones and Astrocytes

### Message from the Guest Editor

The issue of how astrocytes interact with neurones is central to the progress in understanding how neuronal networks work and how neurons survive and cope with their daily tasks. How signals from neurones arrive to astrocytes, what intracellular consequences they trigger, involving second messenger and genomic mechanisms, and how astrocytes modulate and tune the activity of adjacent neurons are all questions still in need of further answers. We encourage submission of manuscripts where research based on modern technologies is used to address these burning issues. Given the recent realization of close cooperation between astrocytes and microglia, we are also looking for research in this domain. Contributions from groups with young leaders are particularly welcome.

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### Guest Editor

Prof. Dr. Sergey Kasparov

School of Physiology, Pharmacology and Neuroscience, University of Bristol, University Walk, Bristol BS8 1TD, UK

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### Deadline for manuscript submissions

closed (15 September 2021)



## Neuroglia

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## About the Journal

### Message from the Editor-in-Chief

*Neuroglia* covers the critically important functions of the diverse range of cells within the nervous system that are collectively called glia. Our journal focuses on the development, function, and pathology of glia in the central and peripheral nervous systems, as well as how these cells can be used therapeutically to repair injuries and diseases of the nervous system. The journal welcomes research using the latest in vitro and in vivo animal and human research, with a view to its translation into potential human therapies.

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### Editor-in-Chief

Prof. Dr. Jessica Filosa  
Department of Physiology, Augusta University, Augusta, GA 30912, USA

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indexed within ESCI (Web of Science), Scopus and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

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