Special Issue

The Multifaceted Roles of Glia: From Cellular Functions to Neurological Implications, 2nd Edition

Message from the Guest Editor

We are excited to announce a Special Issue titled “The Multifaceted Roles of Glia: From Cellular Functions to Neurological Implications”. This Special Issue aims to explore the diverse and critical functions of glial cells in the central nervous system, highlighting their roles not only in supporting neuronal health but also in modulating synaptic activity, neuroinflammation, and neurodegeneration. As researchers in the field, we invite you to contribute with findings that delve into the complex interactions between glia and neurons, the implications of glial dysfunction in various neurological disorders, and innovative therapeutic approaches targeting glial cells. Your work can help illuminate the intricate network of cellular communications that underpin brain function and disease. Join us in advancing our understanding of glial biology and its significance in neuroscience. We look forward to receiving your submissions that will enrich this essential topic of dialogue in our field.

Keywords: microglia; astroglia; oligodendroglia; neuroinflammation; glial roles in neurodevelopment; glial dysfunction

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Deadline for manuscript submissions

30 July 2026

Neuroglia

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 2.2

mdpi.com/si/253723

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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.

Editor-in-Chief

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