

## Special Issue

# Satellite Glial Cells, Astrocytes, and Microglia: From Structure to Function

### Message from the Guest Editors

Glial cells have long been known to exhibit pleiotropic homeostatic activity in the brain during development, adulthood, and recovery from neural injury. New insights in glial cell biology, and in the dynamic interactions of neurons and glia, will enrich our understanding of nervous system formation, health, and function. Moreover, emerging developments in neuronal stem cell biology represent an exciting interface between technology and biology. Thus, the goal of the present Special Issue is to provide a comprehensive overview of the most recent advances in neural differentiation and developmental neurobiology, with a focus on glial cells. We welcome articles containing original research and reviews that employ morphological, biophysical, cellular, molecular, pharmacological, or physiological methods to investigate the molecular basis of proliferation, migration, differentiation, circuit formation, and neuron/glia interaction during both normal development and regeneration or disease.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2024)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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