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

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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Maria Grazia Mola
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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