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Glial Cell Physiology and Central Nervous System Injury

Guest Editor:

Dr. Zhijun Zhang

School of Biomedical
Engineering, Shanghai Jiao Tong
University, Shanghai 200240,
China

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Message from the Guest Editor

Glial cells play an active role in physiology and cerebrovascular disease; they maintain the cytoarchitecture and regulate extracellular environment homeostasis in the central nervous system. As, without them, neurons do not play their normal function in healthy tissue, they are also principal responders to central nervous system injury. The responses of glial cell to injury can potentially affect neuronal cell interaction and central nervous system function. After the onset of cerebrovascular disease, glial cells undergo numerous pathological alterations over time, including morphological change and rapid proliferation; therefore, understanding the spatial and temporal changes of glial cells at molecular and cellular levels will provide therapeutic strategy insight.

This issue aims to identify genetic factors and intercellular cross talk of glial cells to contribute to cerebrovascular injury. We welcome reviews, opinions, communications, original research articles, etc, from everywhere around the world.



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Special Issue



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Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

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Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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