

Special Issue

The Role of Glia in Neuropsychiatric Disorders

Message from the Guest Editor

Data are increasingly indicating that glial cells not only act as structural or logistical support within the CNS but also actively participate in processes of neurotransmission and neural plasticity. Not surprisingly, therefore, a growing body of evidence highlights the potential of glial cells as alternative targets in the search for new treatments of neuropsychiatric disorders. Taking into account the fundamental importance of astrocytes in the tripartite synapse, it is likely that strategies aimed at the molecular mechanisms by which they modulate synaptic plasticity can be of relevance in the search for new treatments in the field of neuropsychiatry. Finally, besides their well-known role in the genesis and maintenance of myelin, oligodendrocytes have more recently been shown to be enrolled in some neuro-inflammatory conditions, which might also reveal new psychotropics of interest.

This Special Issue will welcome both research papers and reviews addressing these points, with a particular interest in molecular mechanisms.

Guest Editor

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