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# Neuron-Glia Interactions

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## Message from the Guest Editors

Dear Colleagues,

For a long time, neurons have been the focus in the study of cellular networks of the CNS. However, different glia cell types, contribute to neuronal functioning. Astrocytes are active in regulating synaptic transmissions; oligodendrocytes create myelin sheaths that determine the speed of signals transmitted between neurons; microglia prune developing synapses. To understand network identities, we need insights into how neurons and glia cells interact and how these connections can be regulated. An increasing number of studies indicate that glia dysfunctions could contribute or are responsible for brain defects or disorders. For neurological disorders, glia has also been shown to have a central role. For this Special Issue, we welcome researchers to submit their findings providing biological insights into neuron-glia interactions, and new understandings of glia dysfunctions in neurological disease and neuropsychiatric disorders. There will be an emphasis on studies that provide insights into cellular interactions using model systems.

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*Guest Editors*