



The Potential Role of Astrocytes in Memory and Learning Processes

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Message from the Guest Editor

Dear Colleagues,

Astrocytes have emerged as active players in synaptic communication. They sense neurotransmitter release during synaptic activity, and in turn release gliotransmitters that can regulate synaptic function. Recent evidence further supports these concepts by revealing novel mechanisms and functional consequences of astrocyte–neuron interaction. However, the tripartite synapse and gliotransmission concepts continue to be debated. Through this Special Issue, we will try to outline the complex choreography that exists between neurons and glia, focusing on specific characteristics of the latter that render them pivotal players in memory and learning processes.

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Guest Editor





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