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Changes in Cellular Function and Synaptic Transmission in Learning and Memory

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Message from the Guest Editor

Dear Colleagues,

The ability to learn, form lasting memories, and use this stored information to guide future behaviour are important adaptive and highly conserved neurobiological processes. Neurons communicate with each other through synapses, and the strength of these connections can be altered to direct the flow of information within the central nervous system. Activity-dependent changes in synaptic connections and alterations in the intrinsic excitability of neurons are cellular key features that support learning and memory. This Special Issue will present and discuss the neural processes that enable memory formation, storage and recall under normal and pathophysiological conditions.

Dr. Sven Kroener
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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