

Special Issue

GABA Signaling in Health and Disease in the Nervous System, 2nd Edition

Message from the Guest Editor

Gabaergic signaling is essential in the brain throughout development, adulthood, and aging. Indeed, gamma-aminobutyric acid (GABA) is involved in processes, such as proliferation, migration, and differentiation of neural progenitor cells, during neurodevelopment. Moreover, GABA was shown to control neuritogenesis and maturation of synapses. In the mature brain, GABA is considered the main inhibitory neurotransmitter, contributing to the excitatory/inhibitory balance. In fact, changes in this balance are often related to neuronal disorders and aging-related neurodegenerative diseases. Moreover, recent reports described hippocampal inhibitory neurons playing unsuspected roles, such as coding space and speed. Considering all this information, authors are invited to contribute to this relevant topic in neuroscience.

Guest Editor

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