



Synaptic Plasticity in Health and Disease

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Message from the Guest Editor

This Special Issue will focus on: (1) the molecular basis of the different forms of synaptic plasticity in the context of the healthy brain, and (2) the plasticity alterations found in brain diseases and disorders, with special interest in the signaling pathways and molecular mechanisms affected. Understanding synaptic plasticity in health and disease could help to identify key targets, as a first step for developing pharmacological treatments aimed to improve learning/memory in individuals affected by those brain disorders/diseases.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to): molecular mechanisms of plasticity, synaptic proteomics in plasticity, proteomics and electrophysiological studies in models of DS, fragile X, Rett syndrome, ASD, AD, PD and other brain disorders/diseases with affected plasticity.





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Message from the Editor-in-Chief

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