

Special Issue

Dimensions of Synaptic Diseases: From Neurobiology to Therapy

Message from the Guest Editors

The synapse sits at the heart of neuronal communication in the brain. It is therefore not surprising that numerous neurodevelopmental and neurodegenerative diseases are thought to have synaptic origins. This Special Issue of *Brain Sciences* aims to collate studies, reviews and commentaries covering cutting-edge developments in our understanding of synaptic diseases and emerging therapeutic targets. Authors are invited to submit research articles and reviews that develop our understanding of synaptic dysregulation in disease, and how this can be targeted with emerging medical approaches. Topics include (but are not limited to) the synaptic basis of neurodevelopmental and neurodegenerative diseases; synaptic markers in disease phenotyping; tools and approaches to target the synapse in disease mechanism discovery; novel compounds to target synaptic molecules implicated in disease; and innovative interventions that target synapse function. We therefore invite papers that consider fundamental mechanisms of synapse function that are implicated in disease, profiling of synaptic function in disease states, and novel therapeutic interventions that target the synapse.

Guest Editors

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Deadline for manuscript submissions

closed (16 February 2022)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

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