Special Issue

Recent Advances in Neuroprotection and Cognition

Message from the Guest Editors

Different neurological disorders arise due to inappropriate safeguarding of the central nervous system, which may cause neurological damage. Neuronal damage can be caused by both acute (e.g., trauma or stroke) or chronic neurodegenerative disorders (dementia, Alzheimer's disease, Parkinson's disease, epilepsy, etc.). Although these diseases have different pathological pathways and biomarkers, they share the common clinical symptoms of cognitive impairment. Patients suffering from such neurological damages have long-lasting or permanent cognitive deficits. Hence, the prophylaxis approach of neuroprotection plays an important role for specific mechanisms and strategies to protect the neurons against injury and outcomes of cognitive deficit. Apart from neuronal damage protection, neuroprotection ameliorates the neuropsychiatric and other neurophysiological alterations which manifest cognitive deficits. This Special Issue considers the special focus on the molecular mechanism of neuroprotection against neurological disorders (including preclinical, clinical, biomarkers analysis, meta-analysis, pharmaceutical applications, etc.).

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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.

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