

Special Issue

Pathogenesis of Diseases of the Central Nervous System

Message from the Guest Editor

Physiology disbalance and pathogenesis of the central nervous system play an important role in the quality of people's life and aging. In this sense, determining the pathways followed by the different pathologies of central nervous system diseases is crucial to prevent and treat them. This Special Issue is focused on the pathogenesis of diseases of the central nervous system, and it would include original works on aspects related with molecular mechanisms of physical and chemical insults, neuronal excitotoxicity, neuronal dysfunction, Alzheimer's disease, dementia, Parkinson's disease, amyotrophic lateral sclerosis, ischemia, nephropathy, brain atrophies, acute injuries, neurogenesis, and central nervous system treatments, among others. This Special Issue will publish original research articles as well as mini and full reviews, including perspectives in the field on the current understanding of molecular mechanisms involved in the pathogenesis of diseases of the central nervous system. Manuscripts on molecular mechanisms, the introduction of ideas for new therapies or new techniques for diagnosis, and on treatment of diseases of the central nervous system are welcome.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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