

Special Issue

Neurodegenerative Diseases: From Molecular Basis to Therapy 2.0

Message from the Guest Editors

Neurodegenerative diseases (NDs) are a heterogeneous group of complex diseases characterized by neuronal loss and the progressive degeneration of different areas of the nervous system. NDs represent a major health problem worldwide, with an increasing incidence rate.

Although the exact pathogenesis of NDs remains unclear, a complex interaction between genetic, epigenetic and environmental factors has been proposed. To date, no effective therapeutics have been developed to slow down, halt or prevent any NDs.

Therefore, information on the molecular mechanisms underlying the pathogenesis of NDs is strongly sought after. The aim of the current Special Issue is to describe the advances in the field of NDs, including Alzheimer's disease, multiple sclerosis, amyotrophic lateral sclerosis and Parkinson's disease, with a focus on their underlying pathobiological mechanisms. We would like to invite you to submit original research articles and reviews that focus on, but are not limited to, new findings on molecular key players, pathomechanisms, risk factors, biomarkers and therapeutic targets of NDs.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2023)



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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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