

Special Issue

Molecular Pathways in Neurodegenerative Pathologies

Message from the Guest Editor

Neurodegenerative disease (NDDs) such as Alzheimer's disease (AD), Parkinson's disease (PD), and amyotrophic lateral sclerosis (ALS) are characterized by a multitude of complicated aetiologies. Lastly, the understanding of the physiological biochemical and molecular mechanisms at the basis of NDDs offers a chance to discover and deeply identify various cross-talk mechanisms of neurodegeneration. Varied and complexed pathways lead to the progression of neurodegeneration, including aging, oxidative stress, excitotoxicity, cell and organelles trafficking, as well as degradative processes like autophagy, mitophagy, issues with the proteasome network, and inflammation of the Central Nervous System (CNS). The aim of the current Special Issue is to describe and recognize the paradigm of NDDs pathways by addressing the key role of modulators, kinases, organelles and across NDDs, with a specific spotlight on AD, PD, and ALS.

Guest Editor

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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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