

## Special Issue

# New Therapies and Strategies in the Treatment of Neurodegenerative Diseases

### Message from the Guest Editor

“Neurodegenerative diseases”, defined as a group of pathological conditions manifested by different symptoms but all characterized by the progressive degeneration and death of neurons and eventually general organism disability, affect millions of people worldwide. At present, extensive research is ongoing in an attempt to find the missing effective cure and therapy, ranging from biologically active substances or a combination of those (based on citicoline,  $\alpha$ -lipoic acid, Ginkgo biloba extracts, curcumin, and others) and chemically synthesized compounds (e.g., galantamine derivatives for Alzheimer’s disease and adenosine A2A receptor antagonists and monoamine oxidase B (MAO-B) blockers for Parkinson’s disease) to the use of antibodies against  $\alpha$ -synuclein or its aggregated forms (Prasinezumab and Cinpanemab for Parkinson’s disease) and gamma frequency brainwave stimulation (for cognitive defects and Alzheimer’s disease). With this Special Issue, we aim to provide a platform for reporting research that would lead to the discovery of new and promising tools for the efficient treatment and prevention of neurodegenerative diseases.

### 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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### Editor-in-Chief

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