

## Special Issue

# Neurological Disorders: From Molecular Mechanisms to Therapy Strategies

### Message from the Guest Editors

In the modern era of advanced technology, efficiency and artificial intelligence, new pathologies have emerged, and medical science has to keep up with discoveries and targeted therapies. Neurological disorders have many unknown mechanisms. Thus, natural molecules and novel therapeutic strategies are useful. Cell-to-cell interactions are involved in complex signaling pathways, and changes in the molecular mechanisms lead to neurological disfunctions; our aim is to provide a better understanding of the underlying key mechanisms involved in chronic neurodegeneration and targeted strategies for neuroprotection. Therefore, this Special Issue is dedicated to the most recent research, challenges and pivotal hallmarks to mediate progress in neurodegenerative pathology research.

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### Guest Editors

Dr. Oana Cioanca

Prof. Dr. Lucian Hritcu

Dr. Cornelia Mircea

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### Deadline for manuscript submissions

closed (30 April 2025)



## Biomolecules

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*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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### Editors-in-Chief

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