

Special Issue

Cellular and Molecular Mechanisms of Neurodegenerative and Neurological Diseases

Message from the Guest Editor

Neurologic and neurodegenerative diseases increasingly attract more attention in biomedical research, clinics, and our society. The current therapies for most neurodegenerative diseases are quite limited.

One of the reasons is our limited understanding of molecular events associated with this disease. This Special Issue is dedicated to new or old and forgotten biomolecules that have the potential to become new targets for neurologic and neurodegenerative diseases. Submissions of original research manuscripts and review manuscripts are welcomed within (but not limited to) the following areas: Role of glycolipids and other lipids and lipid droplets in pathogenesis on neurologic disease;

Carbohydrate structures and neurologic diseases;

Role of metabolic pathways and mitochondrial function in the development of neurologic and neurodegenerative diseases;

Role of sex in the development of neurological diseases;

The interface of blood-derived and immune cells and the central nervous system during neurodegeneration;

The role of cell stress in neurologic diseases;

Interaction of microglia and astrocytes with neurons.

Guest Editor

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Message from the Editorial Board

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.

Editors-in-Chief

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