

Special Issue

Involvement of Sphingolipids in the Pathogenesis of Parkinson's Disease and Parkinsonism

Message from the Guest Editors

Dear colleagues,

Sphingolipids (SphLs) are essential molecules for the physiopathology of the brain. State-of-the-art enzymatic, microscopy, and sphingolipidomic studies have highlighted that sphingolipid pathway disfunctions may account for mood disorders, behavioral symptoms, promote inflammation, oxidative stress, and degeneration of the central nervous system. Inducible dysfunction of the SphLs metabolism is involved in the pathogenesis of Parkinson's disease.

This Special Issue welcomes the submission of original research papers or comprehensive reviews that demonstrate or summarize significant advances in the field of sphingolipids in pathogenesis of Parkinson's disease and Parkinsonism.

Guest Editors

Prof. Dr. Elisabetta Albi

Department of Pharmaceutical Science, University of Perugia, 06100 Perugia, Italy

Prof. Dr. Alice V. Alessenko

Emanuel Institute of Biochemical Physics, Russian Academy of Sciences Moscow, Moscow, Russia

Deadline for manuscript submissions

closed (28 February 2023)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/67035

Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
biomolecules](https://mdpi.com/journal/biomolecules)



About the Journal

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

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

Author Benefits

Open Access

– free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)