



an Open Access Journal by MDPI

Mitochondria and Central Nervous System Disorders II

Guest Editors:

Dr. Camilla Bean

Department of Medicine, University of Udine, 33100 Udine, Italy

Dr. Marta Zaninello

 Institute of Human Genetics, University of Cologne, Cologne, Germany
Cologne Excellence Cluster on Cellular Stress Responses in Aging-Associated Diseases, University of Cologne, Cologne, Germany

Deadline for manuscript submissions: closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

In the past several decades, a mitochondria-centric vision has developed in the fields of cell, organ, and organismal physiology, demonstrating exponential growth. Dysfunctional mitochondria or dysfunctional mitochondria dynamics have been linked to many pathological conditions, widespread among the entire human body. However, these alterations appear to more strongly affect the highly specialized and delicate cells of the central nervous system (CNS), contributing to the onset of a variety of diseases, ranging from rare childhood disorders to more common age-related neurodegenerative conditions.

This Special Issue is designed to emphasize the link between the (dys)function of mitochondria and CNS disorders, likely highlighting common or discrepant mechanisms underlying them. In this regard, we would like to invite review articles which address the abovementioned topics or original research papers providing new evidence on the mitochondria–CNS pathological connection.

We look forward to reading your contributions.



mdpi.com/si/131327







an Open Access Journal by MDPI

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

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.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Biochemistry*)

Contact Us

Biomolecules Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/biomolecules biomolecules@mdpi.com X@Biomol_MDPI