



Molecular Mechanisms Underlying Eating Disorders and Obesity

Guest Editors:

Dr. Maria Vittoria Micioni Di Bonaventura

School of Pharmacy, University of Camerino, 62032 Camerino, Italy

Dr. Mariangela Pucci

Faculty of Bioscience and Technology for Food Agriculture and Environment, University of Teramo, Via Balzarini, Teramo, Italy

Deadline for manuscript submissions:

closed (15 June 2023)

Message from the Guest Editors

Eating disorders (EDs) and obesity represent an urgent public health problem; although they appear as entirely separate, they share many similarities. In the last decade, a lot of progress has been made in identifying molecular targets, as well as mechanisms underlying their transcriptional regulation, potentially involved in the development and progression of EDs and obesity.

This Special Issue aims to highlight recent advances made in this field that are useful to prevent the individual risk of developing an ED and obesity, as well as to provide invaluable help for the advancement of preventive and pharmacotherapy strategies with the assessment of novel effective molecular targets.

We encourage researchers interested in these topics to present original research articles, emphasizing current preclinical and clinical knowledge on the molecular mechanisms underlying the regulation of specific targets involved in the development, progression or treatment of obesity and EDs. Moreover, critically and systematically, review articles, covering the related research, providing concluding remarks and an outlook, will be considered for inclusion in this Special Issue.





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](https://twitter.com/Biomol_MDPI)