

Special Issue

Biomarkers and Molecular Basis of Psychiatry

Message from the Guest Editor

Biomarkers and molecular basis of psychiatry encompass various aspects of scientific advancement. A significant correlation exists between biological factors and the functional and cognitive impairments involved in the onset and progression of multiple mental disorders. These findings underscore the necessity for more sophisticated staging models, emphasizing the integration of molecular, genetic, and structural variables. Current models incorporate patients into classifications that reflect a space–time continuum, taking into account the anatomical and functional mapping of the brain as well as the pathology's progression. This approach describes premorbid stages, onset, and the clinical trajectory, including manic, depressive, and partial or complete remission phases. This Special Issue aims to collect high-level articles that propose to ascertain the deeper mechanisms underlying the genesis and course of psychiatric disorders, their modifications on the basis of endogenous and exogenous, molecular, genetic, and epigenetic factors, and the therapeutic and molecular intervention strategies that may result.

Guest Editor

Dr. Massimo Tusconi

University Hospital of Cagliari, 09042 Cagliari, Italy

Deadline for manuscript submissions

28 February 2026



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/216071

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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