

Special Issue

Molecular Insights in Psychiatry

Message from the Guest Editors

The present Psychiatric diagnostic methods cannot continue to be considered acceptable, because they are almost completely based on the psychiatrist's opinion, which does not have an objective molecular approach. Psychopathology is still characterised and defined by descriptive and non-biological criteria, but it will hopefully be possible to characterise it with the addition of new quantitative approaches resulting from molecular research in psychiatry. The error in the clinical psychiatric diagnosis is very high—it ranges from 40% to 70% (Tenth World Day for the Prevention of Suicide, Rome, 2012).

The biomolecular approach to psychopathology mainly involves cell membrane viscosity, Gs α protein, cytoskeleton and microtubules, ion channels modifications, genetic information, epigenetics, transcriptomics/proteomics, neuroimaging, and animal models. The aim of this Special Issue is dedicated to the recent insights and research progress in deciphering the molecular pathways mediating brain function in psychiatry, and to exploit such knowledge in the development of novel molecule-based therapies against psychopathological disorders.

Guest Editors

Prof. Dr. Massimo Cocchi

Prof. Dr. Giovanna Traina

Prof. Dr. Jack Tuszynski

Deadline for manuscript submissions

closed (31 May 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/58208

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

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