



Novel Pharmacological Strategies Based on Genetic and Neurobiological Pathways of Depression

Guest Editor:

Prof. Dr. Sergei B. Seredenin

Federal State Budgetary
Institution «Research Zakusov
Institute of Pharmacology»,
Moscow, Russia

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editor

This Special Issue encourages authors to contribute original research or review papers highlighting recent advances in the neurobiology of depression and leading approaches to the treatment of this disease with the focus on the disturbances of monoaminergic, glutamatergic, endocannabinoid, and GABAergic neurotransmission, dysfunctions of the hypothalamic–pituitary–adrenal system, deficiency of neurotrophins and endogenous neurosteroids, activation of neuroinflammation, involvement of chaperones, cellular stress mechanisms, synaptic alterations, and genetic and epigenetic factors.





an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI