





an Open Access Journal by MDPI

Role of Dopamine in Health and Disease: Biological Aspect 2.0

Guest Editors:

Dr. Anna Grzywacz

Independent Laboratory of Health Promotion, Department of Psychiatry, Pomeranian Medical University in Szczecin, 11 Chlapowskiego St., 70-204 Szczecin, Poland

Prof. Dr. Jolanta Masiak

Neurophysiological Independent Unit, Department of Psychiatry, Medical University of Lublin, 20-093 Lublin. Poland

Deadline for manuscript submissions:

31 May 2024

Message from the Guest Editors

Dear Colleagues,

The dopaminergic system controls several vital central and peripheral nervous system functions, among others cognition, reward behaviors, processing of aversive experiences, and control of movement. Alterations of dopaminergic neurotransmission are involved in the pathogenesis mental of neurodegenerative disorders. The special issue with the leading topic of dopamine is an excellent opportunity for researchers, who deal with it, to share their knowledge. The major topic is dopamine in health and disease, but it can be presented from a different perspective—including basic, associative, genetic, and epigenetic research studies. We invite you to publish your papers within these subject areas: dopamine in addictions; dopamine in sports; dopamine in neurological diseases; dopamine as a neurotransmitter of happiness.













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