







an Open Access Journal by MDPI

Molecular Research of Migraine: From Pathogenesis to Treatment

Guest Editors:

Prof. Dr. Antonino Tuttolomondo

Biomedical Department of Internal Medicine and Medical Specialties (Di.Bi.M.I.S), University of Palermo, 90133 Palermo, Italy

Dr. Irene Simonetta

Internal Medicine and Stroke Care Ward, Department of Promoting Health, Maternal-Infant Excellence and Internal and Specialized Medicine (ProMISE) G. D'Alessandro, University of Palermo, Piazza delle Cliniche n.2, Palermo, Italy

Message from the Guest Editors

This Special Issue would like to highlight some recent development in our molecular understanding of migraine and discusses exciting new opportunities for mechanistic studies Invited authors will review recent discoveries that have advanced our understanding of these mechanisms toward a unifying pathophysiological hypothesis, in which cortical spreading depression (CSD), the phenomenon underlying migraine aura, assumes a key role. In particular, the author are welcomed to discusses the main recent findings in the genetics and neurobiology of some clinical subtype of migraine and the insights they provide into the molecular and cellular mechanisms that may lead to the increased susceptibility of CSD in migraineurs.

Deadline for manuscript submissions:

closed (15 November 2022)















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