



Biologically Active Substances in Cardiovascular and Neurological Diseases

Guest Editors:

Prof. Dr. Ok-Nam Bae

College of Pharmacy, Hanyang
University, Ansan, Republic of
Korea

Prof. Dr. Arshad Majid

Sheffield Institute for
Translational Neuroscience,
University of Sheffield, Sheffield,
UK

Prof. Dr. G. K. Rajanikant

School of Biotechnology,
National Institute of Technology
Calicut, Calicut, India

Deadline for manuscript
submissions:

closed (31 July 2020)

Message from the Guest Editors

The incidence and prevalence of chronic diseases such as heart disease and diabetes, and neurodegenerative diseases such as Alzheimer's disease, have been increasing throughout the world. This trend coincides with changes in lifestyle and chronic exposure to risk factors including environmental pollutants. Interestingly, there has been increasing attention regarding a connection between the heart and the brain, and the current evidence supports an association between cardiovascular (heart diseases, diabetes, stroke, and vascular diseases) and neurological diseases (neurovascular and neurodegenerative diseases).

This Special Issue will cover a selection of research papers and reviews that expand knowledge about the potential of naturally occurring bioactive compounds in health and chronic diseases, specifically focusing on the cardiovascular and neurological diseases. We also welcome studies on the elucidation of bioactive mechanisms of natural products against these diseases, enhancement of bioactivity via pharmaceutical formulation or derivatization of known bioactive substances, as well as on the identification of novel bioactive compounds.





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