



Small Vessel Disease: New Perspectives on an Emerging Reality

Guest Editor:

Prof. Dr. Rita Moretti

Department of Medical, Surgical
and Health Sciences, University
of Trieste, 34127 Trieste, Italy

Deadline for manuscript
submissions:

closed (15 December 2021)

Message from the Guest Editor

SVD (Small Vessel Disease) is an ongoing process, which begins with altered microvessels and pial arteries and ends in subcortical dementia; CBF regional selective decrease seems to be one of the critical factors for the progression from small vessel disease to small vessel disease-related dementia. The most relevant aspects still under debate are the modality of changing from typical aging small vessel disease toward dementia; the impact of aging and age-gene interactions in arteriolosclerosis, endothelium dysfunction, pericyte alterations, and astrocyte modifications, which are caused, promoted, or potentiated by hypoperfusion and metabolic disruption; altered neurovascular coupling, a secondary or a causative (primary) defect in SVD; and potential clinical rescue from SVD, knowing different times of its development, probably by acting precociously, simultaneously via various strategies (anti-inflammatory, anti-oxidant, anti-thrombotic, and perhaps via nutraceutical promotions, acting as co-enzymatic promoters).

This Special Issue will aim to shed some light on these fascinating aspects.





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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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