



Molecular Mechanisms in Vasculitis

Guest Editors:

Dr. Kim M. O'Sullivan

Centre for Inflammatory
Diseases, Department of
Medicine, Monash University,
Clayton, VIC 3168, Australia

Dr. Poh Yi Gan

Centre for Inflammatory
Diseases, Department of
Medicine, Monash University,
Clayton, VIC 3168, Australia

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Vasculitis is a rare heterogenous disorder which can target any organ and is characterised by inflammation of both small and large blood vessels. There are many types of vasculitis affecting different groups of people: Kawasaki disease and Henoch Schönlein (HSP) is more common in children; giant cell arteritis (GCA) affects mainly adults over the age of 50 and affects the temporal arteries in the head; and so on. What is common with all these vasculitis disorders is that many of them are of unknown aetiology and lack effective therapy. Current therapy is nonspecific with multiple undesirable side effects. Understanding the molecular mechanisms which underlie the pathogenesis of the disease is critical for identifying new therapeutic targets and improving outcomes for patients living with vasculitis.

This Special Issue of the *International Journal of Molecular Sciences* welcomes both original and review articles on the molecular mechanisms that underlie the pathogenesis in vasculitis, aetiology, identification of biomarkers, and novel therapeutic targets for treatment.





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, CAPus / 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