



an Open Access Journal by MDPI

# **Molecular Mechanism and Treatment of Hemangioma**

Guest Editor:

## Dr. Jaesung P. Choi

Department of Pharmacology, School of Biomedical Sciences, UNSW Sydney, Sydney, NSW 2050, Australia

Deadline for manuscript submissions: closed (20 June 2025)

### Message from the Guest Editor

Dear Colleagues,

A hemangioma is a mostly benign vascular tumor originating from blood vessel cell types. Endothelial cell dysfunction, vessel wall orientation, and its perivascular environments are amongst the major contributing factors to the disease. A hemangioma can occur anywhere on the body, but mainly in skin and internal organs. Although most hemangioma does not require medical interventions, some hemangioma requires treatment depending on its location and severity. For example, cerebral cavernous hemangioma in the brain can rupture and bleed and cause seizures, stroke, or neurological deficits. Those that require treatment are limited to untargeted therapies such as beta blockers, corticosteroids, and surgery.

This Special Issue, entitled "Molecular Mechanism and Treatment of Hemangioma", aims to define and improve our understanding of the molecular mechanisms of hemangioma pathogenesis in order to develop targeted therapies to prevent and treat hemangioma. Studies on the molecular mechanisms associated with small-vessel diseases are also welcomed, including rare disorders.



mdpi.com/si/194725







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 (Organic 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