



Lymphatic Vascular Growth and Remodeling in Pathophysiology- New Findings and Avenues

Guest Editors:

Dr. Raghu P. Kataru

Plastic and Reconstructive
Surgery Service, Department of
Surgery, Memorial Sloan
Kettering Cancer Center, New
York, NY 10065, USA

Dr. Esak Lee

Meinig School of Biomedical
Engineering, College of
Engineering, Cornell University,
Ithaca, NY 14853, USA

Deadline for manuscript
submissions:
closed (10 March 2023)

Message from the Guest Editors

Within the last decade or so, more research was performed to understand the role of lymphatics in lymphedema, cancer, and obesity pathologies. Together, these findings showed that the lymphatic system not only actively drains fluids, immune cells, and lipids but also plays a major role in multiple pathophysiological conditions involving different organ systems such as the heart, the brain, the kidneys, the lungs, the liver, and skin, to mention a few. An impaired lymphatic function has been implicated in several pathologies such as cancer, lymphedema, cardiovascular diseases, hypertension, atherosclerosis, inflammation, obesity, inflammatory bowel disease, asthma, emphysema, chronic obesity, glaucoma, Alzheimer's disease, and several others.

This Special Issue aims to summarize our current progress and to provide a better understanding of the molecular and pathological aspects of lymphatics in different organ systems. This issue also invites cutting-edge research findings that shed light on several unanswered questions that were raised in lymphatic research during the recent decade.





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