

Special Issue

Molecular Studies on Tissue-Specific Endothelial Cells in Development, Homeostasis and Disease 3.0

Message from the Guest Editor

Endothelial cells (ECs) are not just passive conduits for delivering blood; ECs also have tissue-specific functions that include providing highly specialized sets of angiocrine factors whose expression can be controlled by cell-intrinsic regulatory networks, as well as by a variety of cell-extrinsic biophysical cues found in different areas of the body. Angiocrine factors modulate organ development, homeostasis, metabolism and regeneration, and their alteration could be directly involved in the pathogenesis of multiple conditions. This Special Issue of the *International Journal of Molecular Sciences* will focus on the regulation and functional roles of tissue-specific ECs and angiocrine factors in physiological and pathological contexts, as well as on the therapeutic potential of tailoring ECs to improve human health.

Guest Editor

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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.

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