

Special Issue

Vascular Endothelial Cells 2.0

Message from the Guest Editors

Vascular endothelial cells cover the luminal surface of blood vessels and regulate the blood coagulation-fibrinolytic system and vascular tone, while also serving as a barrier between the blood and the subendothelial matrix. To accomplish these functions, the cells synthesize and secrete various substances, including von Willebrand factor, tissue factor, coagulation factor VIII, prostacyclin, thrombomodulin, heparan sulfate/dermatan sulfate proteoglycans, plasminogen activators, plasminogen activator inhibitor-1, endothelin, and nitric oxide. Based on the scientific information above, this Special Issue "Vascular Endothelial Cells 2.0" will cover a selection of articles from the fields of biology, physiology, pathology, pharmacology, and toxicology that pertain to vascular endothelial cells and their functions. Keywords

- vascular endothelial cell
- blood coagulation-fibrinolytic system
- vascular disease
- angiogenesis
- vascular permeability
- inflammation
- vascular toxicity

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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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