



Vascular Endothelial Cells 2.0

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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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