

Special Issue

Inflammatory Signaling in Vascular Endothelial Cells

Message from the Guest Editor

Endothelial cells lining the innermost layer of vasculatures actively participate in homeostasis maintenance in healthy individuals and remodeling processes in development or pathological conditions. Endothelial cells are part of immune systems and contribute to host defenses by actively participating in inflammation via recruiting immune cells such as monocytes and T-cells. The aim of this Special Issue is to provide readers updated research on endothelial function in vascular inflammatory diseases in the form of reviews and novel research articles. The issue will cover various topics related to vascular inflammation, including but not limited to:

- Mechanism of endothelial inflammatory signaling;
- Function of endothelial cells and their inflammatory signaling in diseases;
- Endothelial phenotypes and plasticity in inflammatory diseases;
- Endothelial inflammation regulated by metabolic pathways;
- Endothelial mechanotransduction and inflammation.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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