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Inflammatory Signaling in Vascular Endothelial Cells

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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.



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Special Issue



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Message from the Editor-in-Chief

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