



The Cell Communication in Vascular Biology

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Message from the Guest Editor

Dear Colleagues,

The aim of the Special Issue, “Cell Communication in Vascular Biology”, is to provide deeper insight into the complex mechanism of signaling between the main cell types in the vasculature in health and pathology. The Special Issue will outline recent advances in our understanding of the multicellular communication between vascular smooth muscle cells, endothelial cells, platelets, and leukocytes.

Different aspects of cell communication will be of interest, including direct cell–cell contact by adhesion molecules or gap junctions; classic receptor-mediated paracrine signaling and intercellular genetic modification by non-coding RNAs as well as microvesicles transfer. The Special Issue will place particular emphasis on exosomes as novel intercellular communication messengers containing biologically active proteins, lipids, and RNA species. The role of exosomes in paracrine or autocrine cell communication in vascular repair, thrombosis, atherosclerosis, and vascular calcification will be of major interest for the Special Issue on “Cell Communication in Vascular Biology” in *IJMS*.

Dr. Kapka Miteva
Guest Editor





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Message from the Editor-in-Chief

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