

## Special Issue

# Cell and Molecular Interactions in Blood Vessels

### Message from the Guest Editor

Many different types of cells flow through blood vessels without consequence; however, under certain conditions, the cells change from a non-interactive type to one that causes the cells to adhere to themselves or to other cells in this microenvironment. As a result of this, an inflammatory response, atherosclerosis, clotting, and metastasis of cancer cells is initiated. There are many mediators of this cellular change causing the cells to adhere, clump, or migrate along and/or into the blood vessel wall. The mediators are quite varied, and the responses to them are just as varied. Some cause the cells to become adhesive, others cause the cells to be non-adhesive. The response to these mediators and the adhesion to other cells affect the cells by initiating various signaling pathways, and, depending on the pathway, the function of the cells is affected in a different manner. In this Special Issue, we will try to provide a summary of how all these different cells interact, what mediates these effects, and how these effects are initiated and propagated.

### Guest Editor

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### Deadline for manuscript submissions

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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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