



## Activation, Proliferation and Migration of Endothelial Cells under Normal and Pathological Conditions

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### Message from the Guest Editor

Dear Colleagues,

The role of vascular endothelium in understanding the mechanisms of various diseases is difficult to overestimate. Especially after the COVID-19 epidemic, when, due to the similarity of the protein composition of the receptors of the ciliated cells of the airways and vascular endothelium, various, and often very severe, complications developed following the disease. It has long been known that the endothelium of elastic-type arteries is involved in the pathogenesis of atherosclerosis, and the endothelium of this and other parts of the vascular bed is involved in the pathogenesis of many other diseases. Knowledge of the mechanisms associated with damage to this endothelium and its subsequent repair is very important now. Although tremendous progress has been made recently in deciphering the molecular mechanisms of vascular endothelium functioning. Most of these discoveries were made in vitro. It is necessary to bring this knowledge to the tissue level. Additionally, rather little information is available on the role of itracell, ulat transport and endocytosis within endothelial cells. We would greatly appreciate all researchers to contribute to this Special Issue.





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