Special Issue

Impact of Platelet Defects on Pathophysiological Processes

Message from the Guest Editors

Platelets play a major cellular role in the regulation of coagulation and thrombosis. Platelets are non-nucleated ligations from megakaryocytes, exhibit multiple interactions with the vascular endothelium, and provide a procoagulant surface that is crucial to clot formation. Additionally, platelets have been shown to act as mediators of immunity and inflammation, either by direct interaction with immune cells or by granule-release of proinflammatory/immunomodulating molecules. Consequently, platelet dysfunction contributes to various pathological processes, such as bleeding, thrombosis, acute/chronic inflammation, metastasis, and bacterial infection. This Special Issue aims to promote research investigating how platelets are involved in various pathophysiological processes, and how specific platelet defects contribute to the development and progression of disease. As the for this Special Issue, I call on all researchers in this evolving field to contribute articles and help to make this Special Issue a successful contribution to a deeper understanding of platelet function. *Co-*

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Deadline for manuscript submissions

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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