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 nonnucleated 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 granulerelease 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 Guest Editor 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-

Guest Editors

Dr. Barbara Zieger

Department of Pediatrics and Adolescent Medicine, Division of Pediatric Hematology and Oncology, Medical Center—University of Freiburg, Faculty of Medicine, Freiburg, Germany

Dr. Axel Schlagenhauf Medizinische Universität Graz, Graz, Austria

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells





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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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

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