



Platelets and Megakaryocytes: Perspectives and Techniques Volume 2

By -

Humana Press Inc., United States, 2010. Paperback. Book Condition: New. 1st ed. Softcover of orig. ed. 2004. 226 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.12 The average human body has on the order of 10 circulating platelets. They are crucial for hemostasis, and yet excessive platelet activation is a major cause of morbidity and mortality in Western societies. It is therefore not surprising that platelets have become one of the most extensively investigated biological cell types. We are, however, far from understanding precisely how platelets become activated under physiological and pathophysiological conditions. In addition, there are large gaps in our knowledge of platelet production from their giant precursor cell, the megakaryocyte. Understanding megakaryocyte biology will be crucial for the development of platelet gene targeting. The aim of Platelets and Megakaryocytes is therefore to bring together established and recently developed techniques to provide a comprehensive guide to the study of both the platelet and the megakaryocyte. It consists of five sections split between two volumes. The more functional assays appear in Volume 1, whereas Volume 2 includes signaling techniques, postgenomic methods, and a number of key perspectives chapters. Part I...



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