Record Nr. UNINA9910462043403321 Titolo Platelets [[electronic resource] /] / editor, Alan D. Michelson Amsterdam,: Elsevier, 2013 Pubbl/distr/stampa **ISBN** 1-283-70649-0 0-12-387838-1 Edizione [3rd ed.] Descrizione fisica 1 online resource (1398 p.) Altri autori (Persone) MichelsonAlan D Disciplina 612.1 612.1/17 612.117 Soggetti Blood platelets Blood platelet disorders Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Cover: Platelets: Copyright Page: Contents: List of Contributors: Preface; Foreword: A Brief History of Ideas About Platelets in Health and Disease: I. The Role of Platelets in Human Hemostasis, Platelet Transfusion, and the Bleeding Time; II. Immune Thrombocytopenia; III. Alloantigens, Single Nucleotide Polymorphisms, and Alloimmune Thrombocytopenias; IV. Platelet Physiology, Assays of Platelet "Adhesiveness", ADP, Platelet Aggregation, Myocardial Infarction, and P2Y12 Anta... V. Aspirin, Arachidonic Acid, Prostaglandins, Gpiib-iiia, Nitric Oxide, Endothelial Gpiib-iiia, and Angiogenesis VI. Clot Retraction, Glanzmann Thrombasthenia, GPIIb-IIIa Receptor, and GPIIb-IIIa Antagonists; VII. Bernard-Soulier Syndrome, the Gpib-IX-V Complex, von Willebrand Factor, Shear, ADAMTS-13, and Thrombotic Thrombocytopen...; VIII. Thrombin-induced Platelet Activation; IX. Platelets and Metastases; X. Reflections on the Past and Thoughts About the Future; Reference List; I. Platelet Biology; 1 The Evolution of Mammalian Platelets; I Introduction: II Invertebrates III Nonmammalian Vertebrates IV Comparative Hemostasis; V A

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## Sommario/riassunto

PLATELETS is the definitive current source of state-of-the-art knowledge about platelets and covers the entire field of platelet biology, pathophysiology, and clinical medicine. Recently there has been a rapid expansion of knowledge in both basic biology and the clinical approach to platelet-related diseases including thrombosis and hemorrhage. Novel platelet function tests, drugs, blood bank storage methods, and gene therapies have been incorporated into patient care or are in development. This book draws all this information into a single, comprehensive and authoritative resource.