

1. Record Nr.	UNINA9910900171703321
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Titolo	Non-Neoplastic Hematologic Disorders : A Quick Review of Modern Diagnostic and Therapeutic Approaches // edited by Lubomir Sokol, Ling Zhang
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-62373-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (737 pages)
Altri autori (Persone)	ZhangLing
Disciplina	616.15
Soggetti	Hematology Pathology Oncology Pediatrics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Benign Neutrophilic Disorders -- Benign Eosinophil Disorders -- Benign Monocytic Disorders -- Benign Basophil and Mast Cell Disorders -- Benign Lymphocytic Disorders -- Primary and Secondary Immunodeficiency -- Benign Histiocytic and Dendritic Cell Disorders -- Iron Deficiency Anemia -- Anemia of Inflammation -- Megaloblastic anemia -- Sideroblastic anemia -- Hemoglobin disorders -- Red blood cell enzymopathies -- Red Blood Cell Membrane Disorders -- Congenital Dyserythropoietic Anemias -- Autoimmune hemolytic anemia -- Cryopathic Hemolytic Anemias -- Methemoglobinemia -- Extrinsic non-immune hemolysis -- Pure Red Cell Aplasia -- Aplastic Anemia -- Porphyrias -- Hereditary and acquired Iron overload disorder -- Polycythemia/erythrocytosis -- Congenital platelet disorders -- Acquired Platelet Defects -- Heparin induced thrombocytopenia (HIT) -- Thrombotic thrombocytopenic purpura/Hemolytic-uremic syndrome/Atypical hemolytic-uremic syndrome -- Hemophilia A and B -- Von Willebrand Disease -- Rare familial deficiencies of coagulation factors II, V, VII, X, XI, and XIII -- Congenital Afibrinogenemia, Hypofibrinogenemia, Dysfibrinogenemia -- Acquired Inhibitors of Coagulation Factors -- Disseminated Intravascular Coagulation -- Liver Disease and Coagulopathy --

Therapeutic Principles of Bleeding Disorders -- Familial thrombophilia -- Antiphospholipid syndrome -- Principles of antithrombotic and fibrinolytic therapy -- Principles and clinical applications of human blood groups and human leukocyte antigen system -- Red Cell Transfusion -- Platelet Transfusions -- Plasma product transfusion: Fresh frozen plasma , Cryoprecipitate, Intravenous immunoglobulin, Albumin -- Recombinant Human Plasma Proteins in Clinical Practice -- Basics of Therapeutic Apheresis -- Therapeutic Plasma Exchange -- Lipid Storage Diseases -- Benign lymphadenopathy -- Hypersplenism and Hyposplenism -- Common infections in patients with hematologic neoplasms and hematopoietic stem cell transplant -- Microorganism-induced benign hematologic conditions.

Sommario/riassunto

In the current digital era with the exponential growth of medical knowledge, voluminous textbooks have gradually been replaced by the pocketbooks with tables, figures, images, and e-links to digital book versions with supplemental materials available online. The advent of novel next-generation sequencing (NGS) and multi-omics single cell methods have uncovered causative molecular mechanisms in most of the known non-neoplastic hematologic disorders. There is an urgent need for a concise and up-to-date handbook focused on non-malignant hematology. The book describes characteristic clinical features and state-of-the-art diagnostic approaches of non-neoplastic hematologic disorders. It introduces modern molecular biomarkers with enormous diagnostic and prognostic value and novel targeted gene therapy. Differential diagnosis also includes relevant hematologic malignancies that could represent diagnostic pitfalls. Chapters include take home points for each disorder in concise and easy memorable manner. The book also provides diagnostic algorithms, novel prognostic and predictive factors, up-to-date treatment options, clinically relevant molecular signatures, and ongoing promising clinical trials if available. There are more than 100 questions and answers with comments on laboratory values, updated cytogenetic and mutational profiles. Non-Neoplastic Hematologic Disorders: A Quick Review of Modern Diagnostic and Therapeutic Approaches provides concise clinical and laboratory information about most common non-neoplastic hematologic disorder for practicing hematologists, oncologists, hematopathologists, molecular pathologists, internal medicine specialists, pediatricians, research nurses, nurse practitioners, and trainees at all levels.
