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Titolo	Aplastic anemia : pathophysiology and treatment / / edited by Hubert Schrezenmeier and Andrea Bacigalupo [[electronic resource]]
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Descrizione fisica	1 online resource (xii, 391 pages) : digital, PDF file(s)
Disciplina	616.1/52
Soggetti	Aplastic anemia
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminaries; Contents; Contributors; Preface; 1 Stem cell defect in aplastic anemia; 2 Cytokine abnormalities in aplastic anemia; 3 Role of T-lymphocytes in the pathophysiology of aplastic anemia; 4 Role of apoptosis in the pathophysiology of aplastic anemia; 5 The interrelation between aplastic anemia and paroxysmal nocturnal hemoglobinuria; 6 Aplastic anemia and other clonal disorders; 7 Epidemiology and etiology of aplastic anemia; 8 Clinical presentation, natural course, and prognostic factors; 9 Supportive treatment of patients with severe aplastic anemia 10 Immunosuppressive treatment of aplastic anemia11 Role of cytokines in the treatment of aplastic anemia; 12 HLA-identical sibling bone marrow transplantation to treat severe aplastic anemia; 13 Alternative donor bone marrow transplantation for severe acquired aplastic anemia; 14 Treatment of children with acquired aplastic anemia; 15 Long-term follow-up of patients with aplastic anemia: clonal malignant and nonmalignant complications; 16 Guidelines for

	treating aplastic anemia; 17 Clinical features and diagnosis of Fanconi's anemia; 18 Genetic basis of Fanconi's anemia 19 Treatment of Fanconi's anemia20 Genetic correction of Fanconi's anemia; Index
Sommario/riassunto	This book takes account of the most recent findings in laboratory research and clinical trials to provide a comprehensive and up-to-date reference on the pathophysiology, epidemiology, diagnosis and treatment of acquired and inherited aplastic anemia. As well as a detailed overview of the pathophysiology of the disease, the international team of authors cover all aspects of management, including the established approaches of bone marrow transplantation and immunosuppressive treatment, new approaches such as the use of hematopoietic growth factors and escalated immunosuppression, and controversial issues such as stem cell transplantation. Also included is an important international consensus document on treatment, and a final section concentrates on the inherited syndrome Fanconi's anemia. Detailed treatment guidelines are given, making this the definitive resource for hematologists and other clinicians involved in the management and supportive care of patients with aplastic anemia. Scientists interested in bone marrow failure will also find this an invaluable reference.