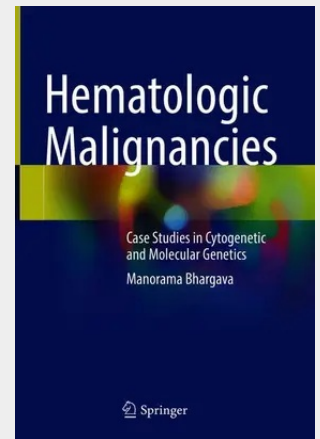


Hematologic Malignancies

Case Studies in Cytogenetic and Molecular Genetics

This book is a compendium of case studies in hematologic malignancies such as acute leukemias, myelodysplastic and myeloproliferative neoplasms, chronic leukemias and multiple myeloma covering cytogenetics (karyotyping Fluorescence in situ hybridization (FISH)) and molecular studies in detail. The first few chapters describe the methodology employed for karyotyping, FISH and Real Time PCR technology conducive to establishment of these labs if required. Each case study is described in detail by including the clinical history of the patient, findings of peripheral blood, bone marrow aspirate and bone biopsy morphological details. This is then followed by flowcytometric immunophenotyping, cytogenetic and molecular observations leading collectively to a final diagnosis. A discussion follows based on the relevance of this data in informing the prognosis, treatment response and survival in these patients. Additionally, this data serves as a key determinant for clinical decision making involving evidence based rational management of patients including targeted therapy. For better understanding, each case study is accompanied by black and white or colour images as appropriate. This book is a source of learning and a valuable read for clinical hematologists, hematopathologists, medical oncologists, residents, interns, DM Hematology students and DNB Hematology students as well.

This book is a compendium of case studies in hematologic malignancies such as acute leukemias, myelodysplastic and myeloproliferative neoplasms, chronic leukemias and multiple myeloma covering cytogenetics (karyotyping Fluorescence in situ hybridization (FISH)) and molecular studies in detail. The first few chapters describe the methodology employed for karyotyping, FISH and Real Time PCR technology conducive to establishment of these labs if required. Each case study is described in detail by including the clinical history of the patient, findings of peripheral blood, bone marrow aspirate and bone biopsy morphological details. This is then followed by flowcytometric immunophenotyping, cytogenetic and molecular observations leading collectively to a final diagnosis. A discussion follows based on the relevance of this data in informing the prognosis, treatment response and survival in these patients. Additionally, this data serves as a key determinant for clinical decision making involving evidence based rational management of patients including targeted therapy. For better understanding, each case study is accompanied by black and white or colour images as appropriate. This book is a source of learning and a valuable read for clinical hematologists, hematopathologists, medical oncologists, residents, interns, DM Hematology students and DNB Hematology students as well.



181,89 €

169,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789813347984

Medium: Buch

ISBN: 978-981-334-798-4

Verlag: Springer

Erscheinungstermin: 14.02.2021

Sprache(n): Englisch

Auflage: 1. Auflage 2021

Produktform: Gebunden

Gewicht: 776 g

Seiten: 246

Format (B x H): 183 x 260 mm

