Record Nr. UNINA9910254507303321 Titolo Melanoma / / edited by Howard L. Kaufman, Janice M. Mehnert Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2016 **ISBN** 3-319-22539-1 Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (413 p.) Collana Cancer Treatment and Research, , 0927-3042; ; 167 Disciplina 616.99477 Soggetti Oncology Dermatology Surgery **Pediatrics** Oncology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters. Nota di contenuto Heterogeneity in Melanoma -- Melanoma Epidemiology and Prevention -- Methods Of Melanoma Detection -- Melanoma: Clinical Presentations -- Principles Of Melanoma Stagin -- Surgical Management of Melanoma -- Adjuvant Therapy of Melanoma --Chemotherapy for Melanoma -- Checkpoint Blockade for the Treatment of Advanced Melanoma -- Targeted Therapy for Melanoma --Treatment of Melanoma CNS Metastases -- Treatment of Melanoma CNS Metastases -- Mucosal Melanoma: Epidemiology, Biology and Treatment -- Acral Lentiginous Melanoma -- Pediatric Melanoma and Atypical Melanocytic Neoplasms -- Novel Treatments in Development for Melanoma. Sommario/riassunto Melanoma is one of the most types of cancer. When melanoma is detected at an early stage, treatment is highly successful, but outcomes can be poor when the disease is advanced. There has been significant progress in our understanding of the molecular biology, genetics, and immunology of melanoma over the past decade. This has been accompanied by rapid advances in therapeutic strategies for patients with melanoma. This book provides the clinician and the researcher

with a broad understanding of the molecular and cellular pathogenesis

of melanoma, explores the clinical characteristics and criteria for clinical and pathological staging of the disease, and provides an overview of current and evolving treatment strategies in the adjuvant, metastatic, and preventive settings. The treatment of special populations and rare variants of melanoma that often present particular clinical challenges is also covered. Authored by international experts in melanoma biology and clinical management, this volume concisely explains how to diagnose, treat, and prevent melanoma while reviewing advances in basic science and providing an overview of innovative approaches still under development.