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Titolo	Breast Cancer Research and Treatment : Innovative Concepts / / edited by Ouissam Al Jarroudi, Khalid El Bairi, Giuseppe Curigliano
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Descrizione fisica	1 online resource (VIII, 368 p. 33 illus., 28 illus. in color.)
Collana	Cancer Treatment and Research, , 2509-8497 ; ; 188
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Soggetti	Oncology Gynecology Cancer Cancer Biology
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Antibody-drug conjugates -- Tumor-Infiltrating Lymphocytes as a Surrogate Biomarker for PD-L1 -- Immune checkpoint inhibitors -- Screening programs for breast cancer -- Transversal perspectives of integrative oncology care -- Assessment and response to neoadjuvant treatments -- Precision surgery for the treatment of breast cancer -- A precise approach for radiation therapy of breast cancer -- Fast mimicking diets and other innovative nutritional interventions to treat patients with breast cancer -- Endocrine resistance of breast cancer -- Innovative therapeutic approaches for patients with HER2- positive breast cancer -- Management of patients with breast cancer and brain metastasis -- New concepts in cardio-oncology -- Clinical utility, cost-effectiveness, and budgetary impact of next-generation sequencing in metastatic breast cancer -- ONCOLLEGE-001: The global landscape on the access to cancer medicines for breast cancer.
Sommario/riassunto	This book focuses on innovative treatment options for breast cancer, including surgery, radiotherapy, systemic therapy and of course immunotherapy that is changing outcomes in some aggressive breast cancer histotypes. Subsequent chapters also address the ongoing emerging research in the screening, diagnostics, and management of all subtypes of breast cancers. All current landscapes and future

perspectives in each molecular subtype: luminal, HER2-positive, and triple-negative breast cancers are discussed within the different chapters. Breast cancer is still the most common cancer and cause of cancer deaths among women worldwide. The improvement of breast cancer outcome appears to be strictly related to the validation of precise biomarkers that enable us to better select personalized approaches in breast cancer management. The closing chapters deal with the challenges of low income countries of conducting research in the era of precision medicine for cancer. The book is edited and authored by leading experts in this field and will be of interest for clinicians and scientists alike.
