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Autore	Alvarez Ricardo H
Titolo	Handbook of HER2-targeted agents in breast cancer [[electronic resource] /] / by Ricardo H Alvarez, Javier Cortés, Leticia Mattos-Arruda, Mary Falzon, Angelica Fasolo, Michael Gandy, Luca Gianni, Nadia Harbeck, Martine Piccart, Stefania Zambelli, Dimitrios Zardavas
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction and background biology -- HER2 testing -- HER2-positive breast cancer: adjuvant and neoadjuvant therapy -- HER2-positive metastatic breast cancer: first-line treatment -- HER2-positive metastatic breast cancer: second-line treatment -- Emerging targeted agents for HER2-positive breast cancer.
Sommario/riassunto	Breast cancer is the most frequently diagnosed cancer and the leading cause of cancer death in women worldwide, accounting for nearly a quarter of the total new cancer cases each year. Of these cases, approximately 15–25% overexpress HER2, a transmembrane RTK kinase that is associated with aggressive tumor growth and poor outcomes. However, in the past decade, survival rates of patients with HER-positive breast cancer have significantly improved due to

increased screening, HER2 testing, and breakthrough HER2-targeted drug therapies. Handbook of HER2-Targeted Agents in Breast Cancer provides oncologists, primary care physicians, trainees and other healthcare providers with a concise, accessible, and up-to-date survey of the field, including a review of our current understanding of the biology of the HER2 pathway and the rationale for targeting it in early-stage and advanced breast cancer, an overview of HER2-testing, and evidence-based discussions of available HER2-targeted regimens in the adjuvant and metastatic settings.