1. Record Nr. UNINA9910465429503321

Titolo	Aggressive breast cancer [[electronic resource] /] / Regina H. DeFrina, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61761-864-0
Descrizione fisica	1 online resource (276 p.)
Collana	Cancer etiology, diagnosis and treatments series
Altri autori (Persone)	DeFrinaRegina H
Disciplina	616.99/449
Soggetti	Breast - Cancer Breast - Diseases Electronic books.
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 and index.
Nota di contenuto	""AGGRESSIVE BREAST CANCER ""; ""AGGRESSIVE BREAST CANCER ""; ""CONTENTS ""; ""PREFACE""; ""RESEARCH AND REVIEW ARTICLES""; ""THE HER2 ONCOGENE IN BREAST CANCER ""; ""ABSTRACT ""; ""INTRODUCTION ""; ""HER PROTEIN RECEPTORS: SIGNAL TRANSDUCTION AND ONCOGENESIS ""; ""Intracellular Signaling Pathways ""; ""HER-Induced Cell Cycle Progression and Survival Pathways ""; ""OVER EXPRESSION OF HER2 AND THE PROGNOSIS OF INVASIVE BREAST CANCER ""; ""HER2 as A Prognostic Factor: Node-Positive Versus Node-Negative Disease""; ""HER Status and Lymphoid Infiltration "" ""HER2 and Progression of Early Breast Cancer Lesions to Invasive Carcinomas""""""Relationship Between HER2 and Estrogen Receptor Expression ""; ""HER2 ABNORMALITIES IN OTHER TYPES OF BREAST MALIGNANCIES ""; ""HER2 ABNORMALITIES IN OTHER TYPES OF BREAST MALIGNANCIES ""; ""Evaluating HER2 in Breast Tissue ""; ""HER2 TARGETED THERAPY IN BREAST CANCER ""; ""The Role of Trastuzumab in HER2 Overexpressing Breast Cancer ""; ""The Role of Pertuzumab in HER2 Overexpressing Breast Cancer ""; ""The Role of Trastuzumab-DM1 in HER2 Overexpressing Breast Cancer "" ""Inhibiting Several HER Receptors: The Role of Lapatinib in HER2 Overexpressing Breast Cancer """""Circulating Serum HER2 Levels ""; ""PROPOSED RESISTANCE TO ANTI-HER2 THERAPIES ""; ""Altered

Receptor-Antibody Interaction ""; ""Increased Signaling from other Receptors of the HER Family ""; ""Increased Signaling from other Receptors Activating the MAPK and PI3K Pathways ""; ""Constitutive Activation of Downstream Effectors ""; ""HER2 OVEREXPRESSION AND CHEMOTHERAPY ""; ""Anthracyclines ""; ""Taxanes ""; ""HER2 OVEREXPRESSION AND HORMONAL THERAPY ""
""CNS DISEASE IN HER2 OVEREXPRESSED BREAST CANCER """""CNS Metastases in Adjuvant Trials of Trastuzumab ""; ""Prognosis of CNS Metastases in HER2 Overexpressing Breast Cancer""; ""CONCLUSION ""; ""REFERENCES""; ""MULTI-DRUG RESISTANCE AS A PROBLEM CHALLENGING BREAST CANCER CHEMOTHERAPY ""; ""ABSTRACT ""; ""INTRODUCTION""; ""1) Non-Cellular MDR Mechanisms ""; ""2) Cellular MDR Mechanisms: ""; ""1. Changes in the intracellular accumulation and distribution of the drug ""; ""1a. Alteration of drug influx ""; ""1b. Alteration of drug efflux ""; ""NORMAL TISSUE DISTRIBUTION""
""PHYSIOLOGICAL FUNCTIONS OF P-GP """""PHARMACOLOGICAL FUNCTIONS OF P-GP ""; ""P-GP SUBSTRATES ""; ""2. Increase in Drug Detoxification ""; ""3. Alterations of Drug Targets ""; ""4. Increase in DNA Repair Mechanism ""; ""5. Changes in Key Genes Controlling Cell Proliferation ""; ""5a. Changes in genes responsible for cell cycle control ""; ""5b. Abrogation of apoptosis ""; ""6. Micro-Environmental Stress-Mediated Resistance of Solid Tumors ""; ""7. Cancer Cell Dormancy and Resistant Cancer Stem Cells ""; ""MODULATION OF MDR PHENOTYPE ""
""I. Circumvention of Drug Resistance Induced by P-Gp Pump Protein ""