drug resistance, mechanisms, resistance, influence, tumor cells, apoptosis, cell differentiation, Pgp, cell membrane, alterations, expression, drug sensitivity, MDR1 gene, tumor cell, drug resistant, tumor progression, glutathione, cultured cells, activity, multidrug resistance, tumor cell sensitivity, p53 function, cell sensitivity, Blokhin Russian Cancer Research Center, chemotherapeutic drugs, malignant cells, drug targets, drug target, cell alterations, MRP, Blast cells, antitumor drugs, cell cycle checkpoints, cross resistance, cross resistance, chemotherapy, signaling pathway, signaling pathways, gene amplification, tumor suppressor, p53 activation, mechanisms of action, human lung cells, protein substrate, cancer cells, multidrug resistance protein, Pgp expression, epithelial cells, BIOCHEMISTRY, anticancer drugs

Cellular mechanisms of multidrug resistance of tumor cells.