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PART V BIOLOGICAL AND CLINICAL ASPECTS OF MULTIDRUG RESISTANCE: THE ROLE OF THE TRANSPORTERS AT THE MAIN PROTECTION BARRIERS (ABCB1, ABCC1, ABCC2, ABCG2) ON THE BIOAVAILABILITY OF MANY TYPES OF DRUGS AND MEDICATIONS13 ABC superfamily transporters at the human blood-brain barrier; 14 The role of ABC transporters at the intestinal barrier; 15 Genetic polymorphisms in ABC transporters; PERSPECTIVES; INDEX

Sommario/riassunto

A comprehensive review of the most current scientific research on ABC transporters and multidrug resistance ATP-binding cassette transporter genes (ABC transporters) are known to play a crucial role in the development of multidrug resistance (MDR). MDR is the ability of pathologic cells, such as tumors, to withstand chemicals designed to target and destroy such cells. In MDR, patients who are on medication eventually develop resistance to not only the drug they are taking, but to several different types of drugs. ABC Transporters and Multidrug Resistance offers an essential r
