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Nota di contenuto	ENZYMES AND DRUG ACTION; CONTENTS; Wellcome Building Sessions; Session 1: Enzymes as Primary Points of Drug Action; Chairman's introduction; Inhibition of acetylcholinesterase; Discussion; Carbonic anhydrase inhibition and physiological function; Discussion; Session 2: Active Transport; Pinocytosis; Discussion; Possible mechanisms of active transport; Discussion; Effects of drugs on active transport; Discussion; Session 3: Multiple Mechanisms; I. Insulin; The explanation of the action of insulin on sugar permeability at molecular level; Action of insulin on metabolic reactions; Discussion II. DigitalisAction of cardiac glycosides on ionic movements; Digitalis: action on metabolism and the contractile system; Discussion; III. Central Nervous System Depressants; Action of barbiturates upon respiratory enzymes; Appraising enzymic actions of central depressants by examining cerebral tissues; Discussion; Session 4: Receptors; Relation between enzymes and cholinergic receptors; Discussion;

Induction of receptors; Discussion; Session 5: Altered Drug Metabolism; Chairman's introduction; Adaptive enzymes in animals; Discussion; Drug tolerance; Discussion

The genetics of drug sensitivity with special reference to suxamethoniumDiscussion; Session 6: Drug Metabolism: Subcellular Aspects; Drug metabolism-subcellular mechanisms; Discussion; Cellular injury by drugs; Protection against cellular injury by drugs; Discussion; Panel Discussion; Ciba Foundation Sessions on Drug-Enzyme Interaction at the Molecular Level; Session 1: Enzymes; Introduction: Enzymes; Models of active centres: acetylcholine; Active transport; Mode of action of insulin; Limitations of enzymes as models; Session 2: Receptors; Introduction: Receptors; Definition of receptors Identifying active centresEffect of denervation on receptors; Events at the cell membrane; Rate theory of drug action; Interaction at the Subcellular and Cellular Levels; Session 3: Subcellular Level; Introduction: Membranes; Subcellular particles; Phosphatidic acid cycle; Antihistamines and membrane permeability; Drug concentrations in vitro; Session 4: Cellular Level; Introduction: Cellular aspects; Reconstituting in vitro; In vitro and in vivo; Microsomal enzymes; Endoplasmic reticulum; Enzymes in young animals; Transaminase and GABA; Drug interactions; General considerations
