

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910144848503321 |
| Titolo | Ciba Foundation Symposium, jointly with Co-ordinating Committee for Symposia on Drug Action, on Enzymes and Drug Action [[electronic resource] /] / editor for the Co-ordinating Committee, J.L. Mongar ; editor for the Ciba Foundation, A.V.S. de Reuck |
| Pubbl/distr/stampa | Boston, : Little, Brown, 1962 |
| ISBN | 1-280-76875-4 9786613679529 0-470-71925-7 0-470-71676-2 |
| Descrizione fisica | 1 online resource (581 p.) |
| Collana | Ciba Foundation symposium |
| Altri autori (Persone) | MongarJ. L De ReuckAnthony V. S |
| Disciplina | 612.0151 |
| Soggetti | Enzymes Drugs - Physiological effect Drugs - Metabolism 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 indexes. |
| 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
suxamethonium Discussion; 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 centres Effect 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
