

1. Record Nr.	UNISA996206963503316
Titolo	Environmental chemicals, enzyme function, and human disease
Pubbl/distr/stampa	Amsterdam ; ; New York : , : Excerpta Medica New York : , : Elsevier/North-Holland, , 1980
ISBN	1-280-78392-3 9786613694317 0-470-72059-X 0-470-71827-7
Descrizione fisica	1 online resource (392 pages)
Collana	Ciba Foundation symposium (new series) ; ; 76.
Disciplina	615.9
Soggetti	Toxicology Drugs - Metabolism Enzyme induction Biotransformation (Metabolism)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Drug-Metabolizing Enzymes and Environmental Chemicals: Toxic Interactions, held at the Ciba Foundation, London, 23-25 October 1979"--Participants page.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Environmental Chemicals Enzyme Function and Human Disease; Contents; Chairman's introduction; The role of the drug-metabolizing enzymes; Discussion; The influence of inducers on drug-metabolizing enzyme activity and on formation of reactive drug metabolites in the liver; Discussion; Effects of inducers and inhibitors on drug-metabolizing enzymes and on drug toxicity in extrahepatic tissues; Discussion; Induction of enzymes involved in DNA repair and mutagenesis; Discussion Induction of drug-metabolizing enzymes by polycyclic aromatic hydrocarbons: mechanisms, and some implications in environmental health research; Discussion; Discussion; Induction of drug-metabolizing enzymes by phenobarbitone: structural and biochemical aspects; Substrate-dependent irreversible inactivation of cytochrome P-450: conversion of its haem moiety into modified porphyrins; Discussion; General Discussion I; Regulation of human drug

metabolism by dietary factors; Discussion; Influence of foreign compounds on formation and disposition of reactive metabolites; Discussion

Pharmacokinetic factors governing the steady-state concentrations of foreign chemicals and their metabolites; Discussion; Toxicological implications of polymorphic drug metabolism; Immunologically mediated toxicity; Discussion; Toxicological significance of liver hypertrophy produced by inducers of drug-metabolizing enzymes; Discussion; Discussion; Discussion; The influence of nutrition and inducers on mechanisms of toxicity in humans and animals; Influence of environmental chemicals on drug therapy in humans: studies with contraceptivest steroids; Discussion; General Discussion II  
Vitamin D metabolism in patients treated with phenytoin and phenobarbitone; Discussion; Chemical disease in humans: problems in comparative toxicology; Discussion; Implications for future studies in humans; Final General Discussion; Index of Contributors; Subject Index

---