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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

Sommario/riassunto

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