

1. Record Nr.	UNINA9910830643303321
Autore	Coyne Cody Paul
Titolo	Comparative diagnostic pharmacology [[electronic resource]] : clinical and research applications in living-system models // C.P. Coyne
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub. Professional, 2006
ISBN	1-282-29098-3 9786612290985 0-470-34459-8 0-470-34429-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (964 p.)
Disciplina	615.1 616.07 616.0756
Soggetti	Molecular probes - Diagnostic use Contrast media (Diagnostic imaging)
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 index.
Nota di contenuto	Contents; Preface; Journal Title Abbreviations; SECTION 1 BODY SYSTEMS; 1 Cardiovascular System; Cardiac Arrhythmias and EKGPharmacology; Cell Physiology; Cardiac Disease and Physiology; Angina: Cardiac-Associated Thoracic Pain; Angina: Non-Cardiac-Associated Thoracic Pain; Cardiac Diseases without Angina; Cardiopulmonary Physiology; Peripheral Vascular Disease, Function and Physiology; Cardiovascular Response Tests; 2 Central Nervous System; Autonomic Nervous System; Peripheral Nervous System and Neuromuscular Function; Cerebral Cortex and Cerebral Hemispheres Brainstem, Spinal Cord, and Peripheral Nervous SystemSpecial Senses; Special Senses: Non-Ophthalmic; 3 Endocrine System; Gastrointestinal/Pancreatic Systems; Hypothalamus and Pituitary: General and Miscellaneous; Hypothalamus, Pituitary, and Adrenal Axis; Hypothalamus and Pituitary: Growth Hormone; Hypothalamus/Pituitary Function: Reproduction; Hypothalamus, Pituitary, and Thyroid Axis; Parathyroid; 4 Gastrointestinal System; Dentistry, Oral Cavity, and Salivary Glands; Esophageal Function and Disorders; Gastric Function

and Disorders; Pancreas; Intestinal Absorption Breath Tests
Intestinal Absorption and Permeability: Non-Breath Tests
Absorption and Transit Time: Non-Carbohydrate-Based Agents; Permeability and
Ulceration; Intestinal Inflammation; Motility and Transit Time of
Intestinal Tract; Pancreas Function and Disease; Neoplasia of the
Intestine and Colon; 5 Hematopoietic System; Hematopoiesis,
Hematology, and Hemostasis; Immune System; Inflammation; Ex Vivo
Living Systems; Cardiovascular: Ex Vivo; Hepatic: Ex Vivo;
Hematopoietic: Lymphocytes (Ex Vivo); Hematopoietic: Macrophages
and Monocytes (Ex Vivo); Hematopoietic: Neutrophils (Ex Vivo)
Hematopoietic: Platelets (Ex Vivo) Hematopoietic: Red Blood Cells (Ex
Vivo); Musculoskeletal: Ex Vivo; Neoplastic Disease: Ex Vivo;
Respiratory: Ex Vivo; 6 Hepatic System; BILIARY AND HEPATIC
DIAGNOSTICS; Biliary; Hepatobiliary; Hepatic Blood/Plasma Flow and
Perfusion; Hepatic Excretory Function; Hepatocyte Phase I Metabolism
Pathways; Hepatocyte Phase II Biochemical Metabolism Pathways;
Hepatic Pathology and Disease States; Extrahepatic Disease Caused by
Liver Dysfunction; Pharmacogenetics; Pharmacogenetics Concepts and
Disease Examples
Pharmacogenetics: General Hepatic Biochemical
Metabolization
Pharmacogenetics: Phase I Metabolizing Enzyme
Systems; Microsomal Enzyme Metabolizing Capacity (General);
Microsomal Cytochrome P450 Enzyme Systems (General); Microsomal
Cytochrome P450 1A1 and P450 1A2; Microsomal Cytochromes P450
2A6, 2C9, 2C19, 2D6, and 2E1; Microsomal Cytochromes P450 3A;
Hepatic Cytochrome P450 4 Microsomal Enzymes; Microsomal Flavin-
Based Metabolizing Systems; Microsomal Mixed Function Oxidases;
Phase II Metabolizing Enzyme Systems; Conjugation Systems;
Extrahepatic Pharmacogenetics
Extrahepatic-Cardiovascular System

Sommario/riassunto

Comparative Diagnostic Pharmacology: Clinical and Research
Applications in Living-System Models is the first evidence-based
reference text devoted exclusively to the subject of applying
pharmaceutical and biopharmaceutical agents as diagnostic probes in
clinical medicine and investigative research. This unique and
groundbreaking book is a versatile guide for clinicians and researchers
interested in using pharmacologic agents to: * Diagnose disease*
Assess physiological processes* Identify the appropriateness of a
therapeutic agent* Determine appropriate dosing for
