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CARDIAC ION CHANNELS AND THE HERG ASSAY; IN VIVO CARDIOVASCULAR SAFETY STUDY; RESPIRATORY SYSTEM AND MODELS OF SAFETY ASSESSMENT; CENTRAL NERVOUS SYSTEM AND MODELS OF SAFETY ASSESSMENT; APPROACHES TO TIER I CNS SAFETY EVALUATION; EVALUATING CNS SAFETY; References; Chapter7 - Genetic Toxicology Testing; INTRODUCTION; THE CONCEPT OF THRESHOLDS; GENETIC TOXICITY TESTING TO SUPPORT CLINICAL TRIALS; THE SENSITIVITY AND SPECIFICITY OF IN VITRO ASSAYS; IN VIVO CORE TESTS; OTHER IN VIVO TESTS FOR GENOTOXICITY  
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HISTOPATHOLOGY PROCESSES AND PROCEDURES

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Sommario/riassunto

A Comprehensive Guide to Toxicology in Preclinical Drug Development is a resource for toxicologists in industry and regulatory settings, as well as directors working in contract resource organizations, who need a thorough understanding of the drug development process. Incorporating real-life case studies and examples, the book is a practical guide that outlines day-to-day activities and experiences in preclinical toxicology. This multi-contributed reference provides a detailed picture of the complex and highly interrelated activities of preclinical toxicology in both small molecules

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