

Farmacologia Principi E Applicazioni

This new fifth edition of Information Resources in Toxicology offers a consolidated entry portal for the study, research, and practice of toxicology. Both volumes represents a unique, wide-ranging, curated, international, annotated bibliography, and directory of major resources in toxicology and allied fields such as environmental and occupational health, chemical safety, and risk assessment. The editors and authors are among the leaders of the profession sharing their cumulative wisdom in toxicology's subdisciplines. This edition keeps pace with the digital world in directing and linking readers to relevant websites and other online tools. Due to the increasing size of the hardcopy publication, the current edition has been divided into two volumes to make it easier to handle and consult. Volume 1: Background, Resources, and Tools, arranged in 5 parts, begins with chapters on the science of toxicology, its history, and informatics framework in Part 1. Part 2 continues with chapters organized by more specific subject such as cancer, clinical toxicology, genetic toxicology, etc. The categorization of chapters by resource format, for example, journals and newsletters, technical reports, organizations constitutes Part 3. Part 4 further considers toxicology's presence via the Internet, databases, and software tools. Among the miscellaneous topics in the concluding Part 5 are laws and regulations, professional education, grants and funding, and patents. Volume 2: The Global Arena offers contributed chapters focusing on the toxicology contributions of over 40 countries, followed by a glossary of toxicological terms and an appendix of popular quotations related to the field. The book, offered in both print and electronic formats, is carefully structured, indexed, and cross-referenced to enable users to easily find answers to their questions or serendipitously locate useful knowledge they were not originally aware they needed. Among the many timely topics receiving increased emphasis are disaster preparedness, nanotechnology, -omics, risk assessment, societal implications such as ethics and the precautionary principle, climate change, and children's environmental health. Opens with an overview of the international toxicology scene, organizations and activities involved with both the science and regulatory framework, and a specific look at the European Union's efforts. Offers an extensive collection of chapters covering over 40 countries and their toxicological infrastructure which includes listings of major books and journals, organizations, professional societies, universities, poison control centers, legislation, and online databases. Provides the Second Edition of the International Union of Pure and Applied Chemistry's Glossary of Terms Used in Toxicology, a carefully constructed and peer reviewed collation of critical terms in the science. Concludes with a potpourri of quotes concerning toxicology and their use in the arts and popular culture. Paired with Volume One, which offers chapters on a host of toxicology sub-disciplines, this set offers the most comprehensive compendium of print, digital, and organizational resources in the toxicological sciences with over 120 chapters contributions by experts and leaders in the field.

This is the first of two volumes that together provide a comprehensive analysis of the embryology, normal anatomy, and pathology of the liver and intrahepatic biliary tract as seen on modern diagnostic imaging techniques. In this volume, readers will find fundamental information on embryology, radiological anatomy, and anatomic variants. A thorough introduction is then provided to each imaging technique, including ultrasound, computed tomography, magnetic resonance imaging, nuclear medicine techniques, angiography, and interventional radiology. The remainder of the volume is devoted to non-tumoral pathology of the liver and intra-hepatic biliary tract. For each disease, readers will find full description of the roles of individual imaging modalities and extensive illustration of the imaging appearances. The authors are world-leading experts in the field, and the book will be an ideal reference for all members of the radiology community, from residents to experts. It will also aid clinicians during their daily practice.

[Italiano]: Il farmaco: ricerca, sviluppo e applicazione in terapia si propone l'obiettivo di offrire una panoramica sul processo di Ricerca e Sviluppo che un farmaco compie a partire dal momento in cui viene progettato fino alla sua pratica utilizzazione. Quando una molecola è ritenuta potenzialmente adatta per creare un medicinale, si attiva un lungo percorso che ha come traguardo la realizzazione di un nuovo mezzo terapeutico e la sua approvazione per l'immissione in commercio. Un percorso scandito dalla rigorosa osservanza di regolamenti e leggi che si sono evoluti nel tempo di pari passo con il progresso scientifico e tecnologico, ma spesso anche a seguito di reazioni avverse o eventi dannosi irreversibili che hanno innescato processi di revisione delle norme e dei protocolli sperimentali. Questo libro parte con una densa ricognizione sulla storia della farmacologia occidentale, al fine di agevolare la comprensione del coacervo di vicende e circostanze che nel tempo hanno fatto da sfondo a tutte quelle dinamiche attraverso cui il processo di Ricerca e Sviluppo si è gradualmente affermato e consolidato. Notevole attenzione è stata poi dedicata ad alcuni risvolti divenuti oramai cruciali all'interno dell'articolato universo normativo in cui il farmaco è collocato, quali le terapie avanzate e i nuovi approcci per la ricerca clinica. Inoltre, gli autori si sono concentrati sulla prescrizione dei cosiddetti off-label e sulle tematiche di farmacoutilizzazione e farmacovigilanza che, nel giro di pochi decenni, sono assunte a sfere di conoscenza sempre più significative e influenti nelle prospettive presenti e future, non solo delle scienze farmaceutiche ma dell'intera società. Lo sforzo compiuto per redigere questo volume trova la sua ragion d'essere proprio nel voler mettere a disposizione dei lettori uno sguardo d'insieme sul farmaco e sulle complesse sfide che ancora lo attendono. / [English]: "The drug: research, development and application in therapy" is an in-depth study on the Research and Development process that a drug performs from the moment it is designed up to its practical use. When a molecule is considered suitable for a medicine, a long process is activated which has as its goal the creation of a new therapeutic tool and its approval for marketing. A path marked by the strict observance of regulations and laws that have evolved over time in step with scientific and technological progress. A path that however has often been determined also by tragic events following damaging adverse reactions that have triggered processes of revision of the norms and experimental protocols. This book starts with a summary on the history of Western pharmacology, written to allow the reader to understand the circumstances that have been the background to those dynamics through which the Research and Development process has gradually consolidated. An important part of the book is dedicated to some aspects that are crucial in the normative universe in which the drug is placed, such as the advanced therapies and new approaches for clinical research. The authors also focused on the prescriptions of off-label drugs and on the issues of pharmacoutilization and pharmacovigilance, two disciplines that, in a few years, have become increasingly influential in the present and future perspectives, not only of the pharmaceutical sciences but of the entire society.

Questo testo straordinariamente completo insegna allo studente e all'assistente veterinario, sicuramente tutto quello che c'è da sapere. Esso fornisce una panoramica a tutto tondo delle scienze di base e di clinica. Ricco di contenuti, in particolare, nei settori della farmacologia, l'anestesia e le procedure di emergenza. Diversi Capitoli sono dedicati alla Anatomia e Fisiologia,

