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From the American College of Medical Toxicology

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Animal Models in Toxicology CRC Press
Casarett & Doull's Essentials of Toxicology,
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Develop a strong foundation in the concepts and principles of toxicology with this concise and accessible resource For more than 25 years, Casarett & Doull's Toxicology: The Basics of Poison has set the standard for providing thorough, academic, and authoritative information in clear and engaging ways. Distilling the major principles and concepts from that renowned text, Casarett & Doull's Essentials of Toxicology delivers an

accessible and highly readable introduction to the science and clinical field of medical toxicology. The book reflects the expertise of more than 60 renowned contributors. Presented in full-color, this new edition builds on the wide success of previous editions, with extensive updates that make the book more clinically relevant to students and beginners in toxicology, pharmacology, pharmacy, and environmental sciences.

Chapter-ending self-assessment Q&As and other features make the learning process more effective and efficient. Casarett and Doull's Essentials of Toxicology is organized into seven units: General Principles of Toxicology Disposition of Toxicants Non-organ-directed Toxicity Target Organ Toxicity Toxic Agents Environmental Toxicology Applications of Toxicology Succinct, yet comprehensive, the text covers essential principles, toxicokinetics, how toxic effects are passed on to succeeding generations, how each body system responds to poisons, and the specific effects of a wide range of toxic agents—from pesticides to radiation. *Toxicology for Non-Toxicologists* McGraw-Hill Education / Medical

In Five Sections, this reference Offers An Introduction To The Field, As WellAs The Basics Of Toxicology Principles, Chemical Toxicity, Ecotoxicology, AndToxicology Practice.

The Comet Assay in Toxicology National Academies Press

The instant-answer guide clinicians turn to first for on-the-spot treatment of poisoning and drug overdose emergencies A Doody's Core Title for 2019! "...a great addition to

any emergency department library when rapid reference is needed to treat and diagnose the poisoned patient." -- Annals of Emergency Medicine (Reviewing previous edition) Designed to be used during toxicologic emergencies where every moment counts, *Poisoning & Drug Overdose, Seventh Edition* delivers critical information on the effective diagnosis and treatment of drug-related emergencies and chemical exposures. This at-a-glance guide is enhanced by detailed tables and charts, extensive cross referencing, and a comprehensive index featuring generic, chemical, and brand names. *Poisoning & Drug Overdose* is divided into four sections: Section I leads readers through initial emergency management, including treatment of coma, hypotension, and other common complications; physical and laboratory diagnosis; and methods of decontamination and enhanced elimination of poisons Section II provides detailed information on 150 common drugs and poisons Section III describes the use and side effects of 60 antidotes and therapeutic drugs Section IV describes the medical management of chemical spills and occupations chemical exposures and

includes a table of more than 500 industrial chemicals • Thoroughly updated to reflect newly released drugs, new information on existing drugs, and coverage of the latest black box (and other) warnings • NEW to this edition: information on drug-environmental exposure interactions, coverage of environmental toxins such as mold, asbestos, and others Casarett & Doull's Essentials of Toxicology, Fourth Edition Casarett & Doull's Essentials of Toxicology, Third Edition Written as an advanced text for toxicology students, this book is much more than an introduction and provides in-depth information describing the underlying mechanisms through which toxicants produce their adverse responses. • Links traditional toxicology to modern molecular techniques, important for teaching to graduate courses and professional studies • Uses a didactic approach with basic biological or theoretical background for the methodology presented • Brings together and comprehensively covers a range of dynamic aspects in biochemical and molecular toxicology • Guides student and professional toxicologists in

comprehending a broad range of issues, compiled and authored by a diverse group of experts • “A good introductory textbook covering the biochemical toxicology of organic substances and the relevant methodology in some detail.... It offers good value for money and can be recommended as a textbook for appropriate courses” – BTS Newsletter review of the 4th edition

Casarett & Doull's Essentials of Toxicology, Third Edition McGraw Hill Professional

This book provides a readable introduction to modern toxicology with a particular focus on the mechanisms underlying the induction of toxicity by foreign substances. Since bioactivation is central to many toxic syndromes, special interest is devoted to chemicals that undergo conversion to toxic metabolites that induce toxic effects as diverse as cancer, birth defects and organ injury. The molecular consequences accompanying damage to cellular DNA and proteins is explored together with the relevance of toxicological paradigms to human diseases caused by alcohol and tobacco. The discipline of toxicology has developed rapidly since the thalidomide disaster in the 1960's as scientists

worldwide seek to understand the adverse health effects of human medicines, environmental pollutants, consumer chemicals and industrial reagents. An Introduction to Toxicology is intended to supplement the recommended reading list of undergraduate and graduate programs in toxicology and pharmacology as an enjoyable, accessible primer with illustrations that “unpack” the concepts being discussed in the text.

Outlines and Highlights for Casarett and Doull's Essentials of Toxicology by John B Watkins III, Isbn Springer

Known for its comprehensive coverage, this text covers all aspects of occupational safety and health in today's global workplace. Appropriate for safety management, engineering and technology programs, the book follows a logical sequence that provides a historical perspective and overview, covers the laws and regulations, discusses the human element, examines hazard assessment, prevention, and control, and covers management of safety and health. This edition features updated OSHA standards and contemporary topics such as safety culture, safety's role in global

competitiveness, workplace violence, natural disasters and terrorism. Some new features include: All OSHA standards, as well as those of other regulatory agencies, were updated Chapter 4: Added a new section on the “Emerging Role of Safety Professionals Chapter 9: Added a new section on the safety professional's role in product recalls Chapter 15: Added a new section on practical prevention measures for reducing slip and fall hazards and a new checklist for enhancing vision protection

Casarett & Doull's Essentials of Toxicology, Third Edition Elsevier Australia

This two-volume set provides essential information on the general principles of target organ toxicity. Pharmacokinetics, metabolic activation and key defense mechanisms, excretion, species variation, and tissue-specific biochemistry are explored comprehensively. These general principles are then illustrated using specific examples of toxicity to different target organs and systems. DNA modification and repair in tumor induction, and specificity in tumor initiation are also examined. Of primary interest to

toxicologist, pharma-cologists, biochemists, and environmental toxicologists.

From the American College of Medical Toxicology AITBS Publishers India

The first book of its kind, devoted exclusively to the assessment of DNA damage by the Comet assay in modern toxicology.

9780071622400 John Wiley & Sons

The ACMT National Case Conference (NCC) is a monthly discussion of novel or interesting cases in medical toxicology. Participation is through online webinar, and the conferences are recorded to allow for review at any time. The cases in this book are taken from recordings of NCC with edits and revisions by contributors and editors to demonstrate educational points. The majority of the case information is from the original recording and represents actual patient presentations. However, some of the details have been changed and fictional information added to enhance the educational value. This volume covers a broad range of toxicological topics, and specialty guidance is offered at the end of every case to aid non-toxicologists. The

dilemmas are applicable to both academic and clinical medicine. A list of relevant questions is also provided for each case. Subjects include common toxicological problems, rare presentations of common problems, common problems with controversial treatments or difficult diagnoses, and rare problems. Case Studies in Medical Toxicology from the American College of Medical Toxicology is a detailed reference text on specific toxicological issues and also serves as a practical review for those taking board exams. As a result, this volume is an important and necessary resource for medical students, residents, and fellows, as well as primary-care physicians, intensivists, and toxicologists. Case Studies in Medical Toxicology from the American College of Medical Toxicology is a detailed reference text on specific toxicological issues and also serves as a practical review for those taking board exams. As a result, this volume is an important and necessary resource for medical students, residents, and fellows, as well as primary-care physicians, intensivists, and toxicologists. All proceeds from this book will be donated to the Medical Toxicology

Foundation.

Poisoning and Drug Overdose, Seventh Edition McGraw-Hill Education / Medical

More than 150 cases help develop the skills you need to identify and resolve the most common drug therapy problems The perfect study companion to DiPiro's Pharmacotherapy: A Pathophysiologic Approach More than 40 all-new cases! Pharmacotherapy Casebook: A Patient-Focused Approach delivers 157 patient cases designed to teach you how to apply the principles of pharmacotherapy to real-world clinical practice. The case chapters in this book are organized into organ system sections that correspond to those of the DiPiro textbook. By reading the relevant chapters in Pharmacotherapy: A Pathophysiologic Approach you will be able to familiarize yourself with the pathophysiology and pharmacology of each disease state included in this casebook. Each case teaches you how to: Identify real or potential drug therapy problems Determine the desired therapeutic outcome Evaluate therapeutic alternatives Design an optimal individualized pharmacotherapeutic plan Develop methods to evaluate the

therapeutic outcome Provide patient education Communicate and implement the pharmacotherapeutic plan Everything you need to develop expertise in pharmacotherapy decision making: Realistic patient presentations include medical history, physical examination, and laboratory data, followed by a series of questions using a systematic, problem-solving approach Compelling range of cases - from the uncomplicated (a single disease state) to the complex (multiple disease states and drug-related problems) Diverse authorship from more than 190 clinicians from nearly 100 institutions Coverage that integrates the biomedical and pharmaceutical sciences with therapeutics Appendices containing valuable information on pharmacy abbreviations, laboratory tests, mathematical conversion factors, anthropometrics, and complementary and alternative therapies
Toxicology Studies McGraw Hill Professional
 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included

with the product. Toxicology's gold-standard text - completely updated to reflect the latest breakthroughs and discoveries A Doody's Core Title for 2019! Casarett & Doull's Toxicology: The Basic Science of Poisons, Ninth Edition equips you with an unsurpassed understanding of modern toxicology, including the key principles, concepts, mechanisms, chemical-specific toxicity, and modes of thought that are the foundation of the discipline. This trusted classic not only delivers a comprehensive review of the essential components of toxicology, it offers the most up-to-date, revealing, and in-depth look at the systemic responses of toxic substance available anywhere. Casarett & Doull's Toxicology: The Basic Science of Poisons, Ninth Edition is logically divided into seven sections:

- General Principles of Toxicology
- Disposition of Toxicants
- Non-Organ Directed Toxicity
- Target Organ Toxicity
- Toxic Agents
- Environmental Toxicology
- Applications of Toxicology

Many new contributors capture the progress made in toxicology over the past few years: This edition is markedly updated from the previous edition, with more than one-third

of the chapters authored by scientists who have not made previous contributions to the book. Sharing their expertise, they deliver dynamic new coverage of the importance of apoptosis, autophagy, cytokines, growth factors, oncogenes, cell cycling, receptors, gene regulation, protective mechanisms, repair mechanisms, transcription factors, signaling pathways, transgenic mice, knock-out mice, humanized mice, polymorphisms, microarray technology, second-generation sequencing, genomics, proteomics, epigenetics, exposome, microbiota, read across, adverse outcome pathways, high-content screening, computational toxicology, innovative test methods, and organ-on-a-chip in understanding the mechanisms of toxicity and the regulation of chemicals. A true "essential" If you are in need of an up-to-date, all-in-one overview of the biomedical and environmental aspects of toxicology - written by experts, and presented in full color, your search ends here.
Toxicology Orion
 Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the

textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific.

Accompanys: 9780071622400 .

An Introduction to Toxicology McGraw-Hill Education / Medical

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Understand the essential principles of toxicology and how poisons affect the human body with this accessible and engaging summary A Doody's Core Title for 2017! Casarett & Doull's Essentials of Toxicology is an easy-to-absorb distillation of the major principles and concepts that were presented in depth in Casarett & Doull's Toxicology: The Basic Science of Poisons, Eighth Edition, the field's gold-standard text. Presented in full color, the book concisely describes the science of toxicology, and includes important concepts from anatomy, physiology, and biochemistry to facilitate the understanding of the

principles and mechanisms of toxicant action on specific organ systems. A summary of key points at the beginning and review questions at the end of each chapter help you study, understand, and memorize the material. Reflecting the expertise of more than sixty renowned contributors, Casarett & Doull's Essentials of Toxicology is logically divided into seven sections: Succinct and comprehensive, there is no better text for gaining an understanding of essential principles, toxicokinetics, how toxic effects are passed on to succeeding generations, how each body system responds to poisons, and the specific effects of a wide range of toxic agents than Casarett & Doull's Essentials of Toxicology.

Casarett & Doull's Essentials of Toxicology, Third Edition Springer

Since the publication of the first edition of Introduction to Toxicology , toxicology has become a more mature science, the number of undergraduate and postgraduate courses has increased and thus the need for a regularly updated introductory text has become more pressing. This third edition caters for this need in a clear and easy-to-read style,

featuring: * Up-to-the-minute information * Relevant toxicological examples that reinforce principles * End-of-chapter essay questions * New and redrawn illustrations * Glossary of terms * Extensively revised bibliography The fundamental principles of absorption, distribution, metabolism and excretion are described in the introductory chapters, as are the types of exposure and response. In subsequent chapters these are clarified with the use of carefully chosen examples. Among the topics considered are the potential adverse effects of drugs, pesticides, food additives and industrial chemicals.

Casarett & Doull's Essentials of Toxicology, Second Edition Springer Science & Business Media

Develop a strong foundation in the concepts and principles of toxicology with this concise and accessible resource Doody's Core Titles for 2021! For more than 25 years, Casarett & Doull's Toxicology: The Basics of Poison has set the standard for providing thorough, academic, and authoritative information in clear and engaging ways. Distilling the major principles and concepts from that renowned text, Casarett & Doull's

Essentials of Toxicology delivers an accessible and highly readable introduction to the science and clinical field of medical toxicology. The book reflects the expertise of more than 60 renowned contributors. Presented in full-color, this new edition builds on the wide success of previous editions, with extensive updates that make the book more clinically relevant to students and beginners in toxicology, pharmacology, pharmacy, and environmental sciences. Chapter-ending self-assessment Q&As and other features make the learning process more effective and efficient. Casarett and Doull's *Essentials of Toxicology* is organized into seven units: General Principles of Toxicology Disposition of Toxicants Non-organ-directed Toxicity Target Organ Toxicity Toxic Agents Environmental Toxicology Applications of Toxicology Succinct, yet comprehensive, the text covers essential principles, toxicokinetics, how toxic effects are passed on to succeeding generations, how each body system responds to poisons, and the specific effects of a wide range of toxic agents—from pesticides to radiation. *Essentials of Forensic Medicine &*

Toxicology Springer Science & Business Media
 Providing non-scientific readers with basic toxicological concepts, this updated edition of *Toxicology for Non-Toxicologists* explains how those concepts and their applications affect everyday life. Readers will find an introduction to the study of toxic chemicals on humans and the environment, close examinations of toxicology issues, and a discussion of the general approach to risk assessment. *Loomis's Essentials of Toxicology* McGraw Hill Professional
 Written by two experienced toxicology lecturers, *Principles of Toxicology* provides a broad-based yet in-depth introduction to this diverse subject. Comprehensive and easy-to-read, the book covers this broad and interdisciplinary field from the viewpoint of three different functional levels: molecular and cellular; physiological; and ecological and environmental. This revised second edition expands the coverage of the book while keeping the organizational format that made the first edition a bestseller. It also includes a series of brief case studies illustrating the application of toxicological

principles to current issues of interest. Each and every chapter has been revised, several have been significantly rewritten, and three are entirely new. This new edition retains the extensive cross-referencing system that links all sections and enhances the integration of material. It also includes an appendix of selected toxicants that describes chemical structure and category of use. These features combine to make finding specific information quick and easy. The highly readable format and uniform, consistent presentation of information will make this the most used reference on your shelf. See what's new in the second edition: [Toxicology Handbook](#) CRC Press
 Continuing a long tradition, Lu's *Basic Toxicology, Seventh Edition*, combines relatively comprehensive coverage of toxic substances in food, air, and water with brevity, thereby continuing to serve as an updated introductory text for toxicology students and for those involved in allied sciences that require a background in toxicology. The new edition, which now becomes an edited work with contributions from experts around the globe, features four new chapters and a number of

existing chapters that have been updated and expanded, notably those on mechanisms of toxic effects, conventional toxicity studies, the cardiovascular system, and risk assessment and regulatory toxicology. The book consists of four parts (Part I-Part IV) that provide guidance on principles of toxicology and testing procedures for toxicities as well as a concise, yet detailed, mechanism of both target organ and nontarget organ toxicities. The book is rounded off with a final section (Part IV) on the toxic effects of chemicals and risk assessment, giving toxicologists, both students and practicing professionals, the necessary tools to enhance their practice. This edition includes new chapters on Clinical Toxicology, Systems Toxicology,

Chemicals and Children, and Toxicology of Reproductive Systems, providing the essentials of these topics in the same style as the other chapters in the book. With separate subject and chemical indexes, this is a useful, quick shelf reference for everyone working in toxicology today. *Pharmacotherapy Casebook: A Patient-Focused Approach, 9/E* CRC Press Millions of Americans use e-cigarettes. Despite their popularity, little is known about their health effects. Some suggest that e-cigarettes likely confer lower risk compared to combustible tobacco cigarettes, because they do not expose users to toxicants produced through combustion. Proponents of e-cigarette use also tout the potential benefits of e-cigarettes as devices that could help

combustible tobacco cigarette smokers to quit and thereby reduce tobacco-related health risks. Others are concerned about the exposure to potentially toxic substances contained in e-cigarette emissions, especially in individuals who have never used tobacco products such as youth and young adults. Given their relatively recent introduction, there has been little time for a scientific body of evidence to develop on the health effects of e-cigarettes. Public Health Consequences of E-Cigarettes reviews and critically assesses the state of the emerging evidence about e-cigarettes and health. This report makes recommendations for the improvement of this research and highlights gaps that are a priority for future research.

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