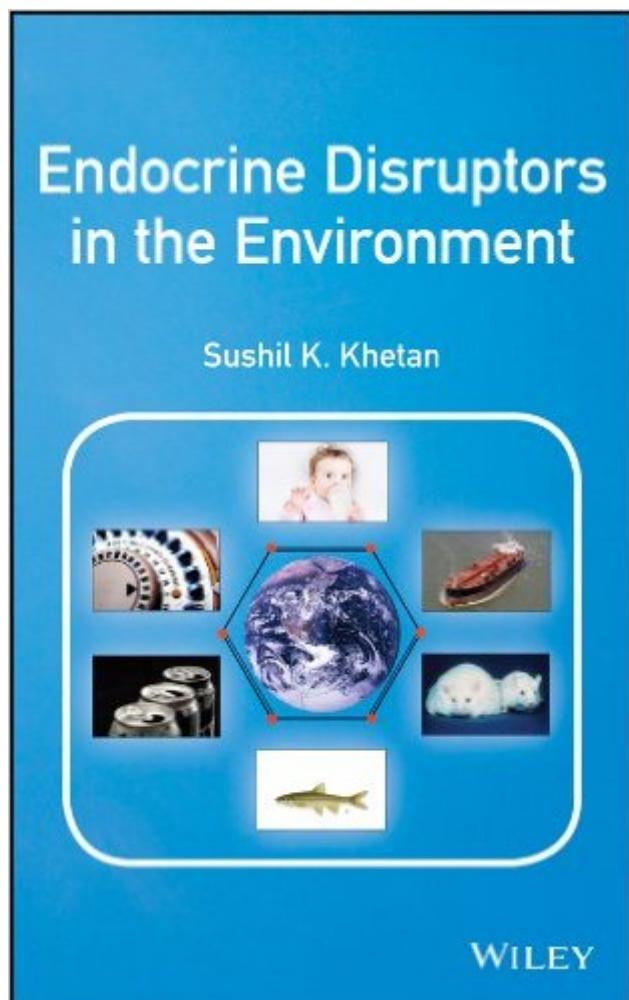


The book was found

Endocrine Disruptors In The Environment



Synopsis

A concise and engaging overview of endocrine disruption phenomena that brings complex concepts within the reach of non-specialists. For most of the last decade, the science of endocrine disruption has evolved with more definitive evidence of its damaging potential to health and environment. This book lists the major environmental chemicals of concern and their mechanism of endocrine disruption including remedial measures for them. Divided into three parts, *Endocrine Disruptors in the Environment* begins with an overview of the endocrine system and endocrine disruptors, discussing their salient features and presenting a historical perspective of endocrine disruption phenomena. It then goes on to cover hormone-signaling mechanisms, followed by various broad classes of putative endocrine disruptors, before introducing readers to environmental epigenetic modifications. Part two of the book focuses on removal processes of various EDCs by biotic and abiotic transformation/degradation. The last section consists of four chapters embracing themes on finding solutions to environmental EDCs including their detection, regulation, replacement, and remediation. *Endocrine Disruptors in the Environment* is the first book to detail the endocrine effects of several known environmental contaminants and their mechanism of endocrine disruption. Additionally, it: Covers both the chemistry and biology of endocrine disruption and compiles almost all the known endocrine disrupting environmental chemicals and their mechanisms of toxicity Addresses policy and regulatory issues relevant to EDCs including scientific uncertainty and precautionary policy Brings forth the use of Green Chemistry principles in avoiding endocrine disruption in the designing and screening for safer chemicals and remediation of the EDCs in aquatic environment Includes a useful glossary of technical terms, a list of acronyms, topical references, and a subject index. *Endocrine Disruptors in the Environment* is an ideal book for environmental chemists and endocrine toxicologists, developmental biologists, endocrinologists, epidemiologists, environmental health scientists and advocates, and regulatory officials tasked with risk assessment in environment and health areas.

Book Information

Hardcover: 408 pages

Publisher: Wiley; 1 edition (June 23, 2014)

Language: English

ISBN-10: 1118852931

ISBN-13: 978-1118852934

Product Dimensions: 6.4 x 1.1 x 9.6 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #1,769,149 in Books (See Top 100 in Books) #325 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Endocrinology #375 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Forensic Medicine #737 in Books > Medical Books > Medicine > Internal Medicine > Pathology > Forensic Medicine

Customer Reviews

This is a very useful review that provides an excellent introduction to endocrine disruption. I have read almost every monograph on endocrine disruption available on , and this book contains the best and most current review of the endocrine disruption effects of mixtures that I have seen in the monographic literature. Other chapters that I appreciated were on epigenetic and transgenerational effects of endocrine disruption.

The author describes in detail a range of mostly synthetic endocrine disruptors, their actions, mechanisms, effects of mixtures, a short course on epi-genetics, removal/destruction of these chemicals, testing and such. The book is aimed at those directly involved with research. For other readers, the book simply describes a myriad of potential problems which serves mostly to produce public "angst". I would have liked to see an expert, such as the author, giving an opinion of what is important and what is not. There is no use worrying about endocrine disruptors if the concentration in the environment is orders of magnitude below a possible negative effect. I worry that this book will be used by "environmental extremists" to bring scientific progress to a halt.

The book arrived before at deadline. I like the book, there are many interesting scientific topics.

[Download to continue reading...](#)

Endocrine Disruptors in the Environment Toxic Bodies: Hormone Disruptors and the Legacy of DES
Endocrine System (Quick Study Academic) Endocrine Physiology, Fourth Edition (Lange Physiology Series) NCLEX: Endocrine System: 105 Nursing Practice Questions & Rationales to EASILY Crush the NCLEX! (Nursing Review Questions and RN Content Guide, NCLEX-RN Trainer, Achieve Test Success Now) Diseases, Diagnosis and Treatment (The Endocrine System) Growth and Endocrine Changes in Children and Adolescents with Chronic Renal Failure (Pediatric And Adolescent Endocrinology, Vol. 20) Endocrine Neoplasms (Cancer Treatment and Research) Endocrine System and Hormones Environmental Governance (Routledge Introductions to

Environment: Environment and Society Texts) Brooks/Cole Empowerment Series: Human Behavior in the Social Environment (SW 327 Human Behavior and the Social Environment) Remote Sensing of the Environment An Earth Resource Perspective Remote Sensing of the Environment: An Earth Resource Perspective (2nd Edition) Global Environment Remote Sensing (Wave Summit Course) MCSA/MCSE Self-Paced Training Kit (Exam 70-290): Managing and Maintaining a Microsoft Windows Server(TM) 2003 Environment Introduction to Embedded Systems: Using ANSI C and the Arduino Development Environment (Synthesis Lectures on Digital Circuits and Systems) The Legal Environment of Business and Online Commerce The Legal Environment Today: Business In Its Ethical, Regulatory, E-Commerce, and Global Setting West's Business Law: Text and Cases - Legal, Ethical, International, and E-Commerce Environment, 10th Edition Business Law: The Ethical, Global, and E-Commerce Environment

[Dmca](#)