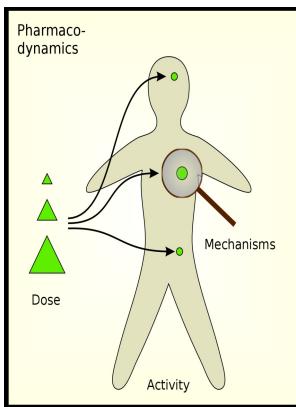


Mechanistic toxicology - the molecular basis of how chemicals disrupt biological targets

Taylor & Francis - Mechanistic Toxicology : The Molecular Basis of How Chemicals Disrupt Biological Targets by Urs A. Boelsterli (2007, Trade Paperback, Revised edition, New Edition) for sale online



Description: -

- Goldsmiths -- Netherlands -- Biography
 - Zwollo, Frans, -- 1872-1945.
 - Xenobiotics -- toxicity.
 - Xenobiotics -- pharmacokinetics.
 - Signal Transduction.
 - Molecular Biology.
 - Toxicology -- methods.
 - Molecular toxicology. Mechanistic toxicology - the molecular basis of how chemicals disrupt biological targets
 - Mechanistic toxicology - the molecular basis of how chemicals disrupt biological targets
- Notes: Includes bibliographical references and index.
This edition was published in 2003



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This mechanism can include such toxicants as DDE and PCBs. Environmental Health Perspectives 101, 378-384.

Mechanistic Toxicology: The Molecular Basis of How Chemicals Disrupt Biological Targets: Boelsterli, Urs A., Boelsterli, Urs A.: 9780415284592: tech.radiozamaneh.com: Books

Linking molecular pathways to more general biomedical contexts, the author ensures that the reader is not lost in the details and instead receives a broad understanding of the processes underlying xenobiotic toxicity.

Toxicodynamics

Reductionism to cellular and molecular mechanisms is one of the cornerstones of modern toxicology, forming the basis for a better understanding of individual toxic effects, and providing an important tool for human risk assessment. This is often used as a for EDCs. Specific examples of drugs, environmental pollutants, and other chemicals are carefully chosen to illustrate and highlight the fundamental mechanisms of toxicity at different toxicokinetic and toxicodynamic levels.

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The estrogen receptor is kept in an inactive conformation through interactions with proteins such as 59, 70, and 90. Advantages of Toxicokinetic and Toxicodynamic modeling in aquatic ecotoxicology and risk assessment.

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New aspects, major advances, and new areas in molecular and cellular biology and toxicology demand updated sources of information to elucidate the functional mechanics of human toxicology. Fundamentals of Aquatic Toxicology: Effects, Environmental Fate, and Risk Assessment 2nd ed.

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Historically, carbon tetrachloride has been used in pharmaceutical production, petroleum refining, and as an industrial solvent.

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