

Molecular Toxicology (Advanced Texts)



Synopsis

Molecular Toxicology is a concise introduction to the subject, taking the reader through the theoretical principles of toxicology followed by specific examples. In the first section, the concepts behind possible mechanisms of toxicity are described (e.g. the specific enzyme or receptor system) using examples where appropriate. Following this a series of examples are used to show the extension of concept into the real world, in an organ specific manner. The book concludes with a section outlining toxicity assessment methods, where the impact of molecular biology is having a considerable impact, including DNA microarrays, proteomics and bioinformatics.

Book Information

Series: Advanced Texts

Paperback: 164 pages

Publisher: Taylor & Francis; 1 edition (November 12, 2003)

Language: English

ISBN-10: 1859963455

ISBN-13: 978-1859963456

Product Dimensions: 7 x 0.4 x 10 inches

Shipping Weight: 10.4 ounces (View shipping rates and policies)

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Customer Reviews

..". "Serves well to jump right into the theoretical principles of toxicology. ...By weaving in the toxicity assessment methods of DNA microarrays, proteomics and bioinformatics, the author has pointed a path for current students to become established and contributing researchers to the dynamic discipline of molecular toxicology...." "Reviews of New Publications-Veterinary and Human Toxicology, June 2004; 46(3)

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