

Biotechnology

and Safety Assessment

Praise for the First Edition

"...[written in] a clear concise manner, which should make the material understandable to experts and novices alike." **Annals of Pharmacotherapy**

"Biomedical scientists with interests in the area will also enjoy this book because it has introductory material on new biologies..." **Veterinary and Human Toxicology**

"...provides a basic orientation in the regulatory process for biotechnology companies..." **Quarterly Review of Biology**

About the Book

Thoroughly updated and revised, this second edition of *Biotechnology and Safety Assessment* represents a timely update on the rapidly moving field of biopharmaceuticals. While the focus is on the therapeutic potentials of various cytokines and antisense agents, the book also identifies some of the toxicologic considerations of interferons and of genetically engineered food.

Experts from academia, industry, and government address risk assessment and environmental issues associated with the expanding worldwide consumption of genetically engineered foodstuffs. A series of contemporary views are also offered on the advances in both mammalian and plant genetics and how these advances contribute to safer biotherapeutic agents and more nutritious foods.

Toxicologists, pharmacologists, regulatory agency professionals, environmental scientists, nutritionists, and agricultural specialists will find this book to be an essential reference on the biotechnology and toxicological safety assessment of drugs and other xenobiotics.

About the Editor

John A. Thomas, Ph.D., is Professor of Pharmacology at the University of Texas Health Science Center at San Antonio. He is the author of over a dozen textbooks and research monographs, including *Endocrine Toxicology*, Second Edition (Taylor and Francis, 1996). The author of nearly 400 scientific articles in the area of endocrine pharmacology, reproductive toxicology, and drug interactions, Professor Thomas is a well-recognized authority on how drugs and chemicals perturb the endocrine system. He serves on several editorial boards of biomedical journals and is very active among many national and international scientific societies.



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