



Genetic Toxicology and Cancer Risk Assessment (Hardback)

By Wai Nang Choy

Taylor Francis Inc, United States, 2001. Hardback. Book Condition: New. 236 x 160 mm. Language: English . Brand New Book. Presents state-of-the-art regulatory cancer risk assessment models including a biologically based model for two-hit carcinogenesis and cell proliferation! This book comprehensively reviews the various roles of genetic toxicology in human cancer risk assessment conducted by United States and worldwide regulatory agencies-discussing hazard identification, dose-response relationships, exposure assessment, and current practices of risk characterization. Examines predictive values of mutagenicity tests, mechanisms of carcinogenesis, and conventional genotoxicity tests required by the International Conference on Harmonization and the Organization for Economic Cooperation and Development/Environmental Protection Agency guidelines! Comprised of contributions from prominent experts and risk assessors and including nearly 1200 references to facilitate further study, Genetic Toxicology and Cancer Risk Assessment * reviews contemporary human cancer genetics as related to the mutagenic nature of carcinogenesis * calculates acceptable exposure levels based on a carcinogenic threshold dose for nongenotoxic carcinogens * reveals the rationale and methodology of quantitative estimation of human cancer risks using mathematical models * discusses the threshold concept of carcinogenesis * demonstrates how bacterial mutagenicity assays are the most reliable for predicting rodent carcinogens * considers structural activity relationship (SAR) analysis...

Reviews

Excellent e-book and useful one. It is written in straightforward phrases rather than confusing. I am just very happy to explain how here is the finest publication I have got read through in my very own lifestyle and might be the greatest book for possibly.

-- **Viva Schuster**

Very useful to all of group of folks. I could possibly comprehend every little thing using this created e book. You won't truly feel monotony at anytime of your time (that's what catalogs are for concerning in the event you ask me).

-- **Claire Carroll DVM**