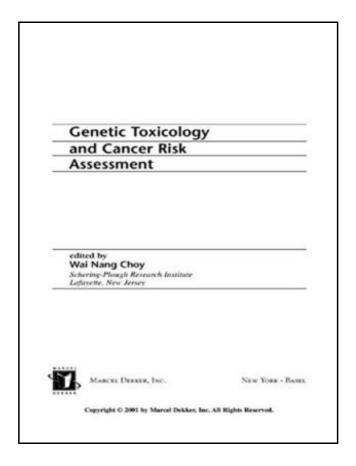
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Reviews

I actually started off looking at this pdf. It is one of the most amazing pdf i have got read. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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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 of chemical carcinogenicity * describes the emergence of the mouse lymphoma microwell and in vitro micronucleus assays * illustrates the use of genetic biomarkers for dosimetry analysis * and more! Linking human cancer genetics, mutagenicity assays, mechanisms of carcinogenesis, carcinogenic thresholds, molecular epidemiology, mathematical modeling, and quantitative cancer risk analysis, Genetic Toxicology and Cancer Risk Assessment is a must-have reference for toxicologists; oncologists; geneticists; biostatisticians; reproductive, developmental, cell, and molecular biologists; endocrinologists; biochemists; and upper-level undergraduate, graduate, and medical school students in these disciplines.



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