THE HISTORY OF ALTERNATIVE TEST METHODS IN TOXICOLOGY

Edited by Michael Balls, Robert Combes and Andrew Worth


This recent volume in the History of Toxicology and Environmental Health series explores the history of alternative test development, validation, and use. It places emphasis on humanity and good science, in line with the Three Rs (Replacement, Reduction, Refinement) concept expounded by William Russell and Rex Burch in 1959 in their now classic volume, The Principles of Humane Experimental Technique. It uses a chronological approach to demonstrate how the use of alternative methods has evolved from their conception as adjuncts to traditional animal toxicity tests to replacements for them. The book is divided into 6 Sections with total of 350 pages. It contains total of 23 tables and 9 figures. The aim of this book was to find more proper ways of searching for the scientific truth, to increase knowledge and thus to reduce incertitude to provide relevant and reliable valid and human basis for scientific policies and decisions which deeply affect the well-being of humans and the environment in which we live. The current book could be of interest to scientists as well as to students and teachers, but also for broader range of readers.

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