

Preface

Toxicology, an old discipline of science, is undergoing a rapid transformation in recent years following the new 'epigenetic' revolution. 'Epigenetics', an emerging major scientific discipline, is growing rapidly. This monograph builds a bridge between toxicology and epigenetics at a level designed to take the reader to the forefront of research in this area. The importance of this field of research is evidenced by the increasing number of contributions published each year. It becomes increasingly clear that developments in this field are moving so rapidly that new means are needed to report the status of ongoing research activities. The contributions presented in this monograph represent a collaborative effort by international experts working in this emerging field of science.

The main purpose of this book is to assemble up-to-date, state-of-the-art information on toxicoepigenetics presented by internationally recognized experts in a single edition. Therefore, I sincerely hope that this book will provide an authoritative source of current information in this area of research and prove useful to the scientists interested in this scientific discipline throughout the world. However, it should be of interest to a variety of other scientific disciplines including toxicology, genetics, medicine and pharmacology, as well as drug and food sciences. Also, it should be of interest to federal regulators and safety assessors of drugs, food, environment, and consumer products.

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