DESCRIPTION

This book offers an important reference source about the most common classes of pesticides for researchers engaged in the area of neurotoxicology, metabolism, and epidemiology. The book presents details about thorough characterization of target and non-target enzymes and proteins involved in toxicity and metabolism; and epidemiology of poisonings and fatalities in people from short- and long-term exposures to these pesticides in different occupational settings on an individual country basis as well as on a global basis. The early portion of the book deals with metabolism, mechanisms and biomonitoring of anticholinesterase pesticides, while the later part deals with epidemiological studies, regulatory issues, and therapeutic intervention.

ABOUT THE AUTHOR

TETSUO SATOH is Professor Emeritus of Chiba University and Director of the Research Institute at NPO-HAB Research Organization. He received the 2007 International Union of Toxicology (IUTOX) Merit Award in recognition of his significant international contributions to the field of toxicology. Dr. Satoh is also the recipient of the 2010 Education Award of the Society of Toxicology in the United States. Professor Satoh has had a long and prestigious career as one of the international leaders in the science of toxicology. He has published approximately 310 scientific articles and thirty reviews. He has organized a number of important international, national and regional scientific congresses, including several sponsored by IUTOX, ASIATOX, as well as the Japanese Society of Toxicology.
RAMESH C. GUPTA is Professor and Head of the Toxicology Department at Murray State University. He is the former president of the American Academy of Veterinary and Comparative Toxicology (AAVCT), and has more than 300 publications to his credit, along with fifty book and encyclopedia chapters as well as five major books. Currently, he holds active membership in ten professional societies and serves as a guest editor of the journal Toxicology and Applied Pharmacology. Dr. Gupta is the recipient of the Distinguished Researcher Award in 2006 from Murray State University, and is internationally known for his research in the field of pesticides and experimental brain research.

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