

Environmental Toxicology

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PREFACE

Increasing use of chemicals is inevitable in the process of national development as well as in the promotion of better standards of living and human well-being. A thorough knowledge of toxicology and appropriate technology together with proper management is vital for the prevention of chemical hazards and safeguarding human health and the environment from the adverse effects of chemicals. Successful programs for chemical safety require suitably trained human resources in government, industry and academe, and an informed awareness in the general public.

At present, the need for qualified personnel trained in toxicology and environmental management is urgent. Chulabhorn Research Institute has therefore initiated a capacity building program to assist developing countries to develop human resources in these specific areas.

The program addresses the training needs of both health scientists and engineers by integrating the principle of toxicology and engineering practices to foster a multidisciplinary approach for the safe use of chemicals in development. Technical modules, published in 3 volumes, have been specially designed to facilitate capacity building and upgrading of professional and technological expertise of participants in the program. The materials are in the form of a concise compendium of essential information in all areas covered by the program. Emphasis is placed on the principles and scientific bases needed for safety evaluation and assessment, and planning, as well as for policy formulation. The use of databases such as the International Register of Potentially Toxic Chemicals (IRPTC) database will also be introduced. The faculty for this course is composed of a group of international experts in toxicology and environmental engineering and management.

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CONTENTS

Volume I

Introduction to Environmental Toxicology

- Chemicals in the Environment
(Case Study: Anatomy of an Accident:
Seveso, Italy and Dioxin Exposure)
D.J. Ecobichon
- Chemicals in the Environment
(long distance transport)
D.J. Ecobichon
- Exposure to Chemical Hazards
J.H. Duffus
- Environmental Distribution and Fate of Chemical
Substances: A Predictive Approach
D. Calamari

Principles of Toxicology

- General Principles: Threshold and Dose-Response
Relationships
J.F. Borzelleca
- Absorption, Distribution and Excretion
R.C. Shank
- Metabolism of Xenobiotics
R.C. Shank
- Factors that Influence Toxicity
J.F. Borzelleca
- Safety Evaluation
J.F. Borzelleca
- Cellular Responses to Toxic Injury
G.C. Hard

Ecotoxicology

- Ecotoxicology: Principles and Testing
D. Calamari
- Environmental Quality Criteria and Management of
Chemical Substances
D. Calamari

Chemical Carcinogenesis

- Cancer: A Definition
R.C. Shank
- Chemical Carcinogenesis: Genotoxic Mechanisms
R.C. Shank

- Non-Genotoxic Mechanism of Carcinogenesis
M. Ruchirawat
- Environmental Carcinogenesis: Case History Aflatoxins
R.C. Shank

Target Organ Toxicology: Responses to Environmental Toxicants

- Liver and Hepatotoxicity
D.J. Ecobichon
- Nervous System Toxicity
G.C. Hard
- Reproductive and Developmental Toxicology
J.F. Borzelleca
- Pulmonary Toxicity
G.C. Hard
- Renal Toxicity
G.C. Hard
- Toxicology of the Eye
J.F. Borzelleca
- Toxicology of the Skin
J.F. Borzelleca

Volume II

Pesticides and Industrial Chemicals

- Pesticides : Classification, Evaluation - Registration, Distribution/Registration, Distribution/Use Control
D.J. Ecobichon
- Mechanisms of Pesticide Toxicity
D.J. Ecobichon
- Safe and Efficient Use of Pesticides
D.J. Ecobichon
- Monitoring Exposure, Diagnosis and Treatment of Pesticide Poisoning
D.J. Ecobichon
- The Toxicity of Industrial Chemicals
J.H. Duffus
- Standard Setting
J.H. Duffus
- Toxicological Basis for Regulating Chemicals in the Workplace
R.A. Becker

Volume III

Environmental Epidemiology

- Exposure Assessment
H. Autrup
- Environmental Epidemiology
H. Autrup
- Markers of Susceptibility
H. Autrup

Risk Assessment and Risk Management

- Risk Assessment
R.A. Becker
- Risk Estimation of Chemical Carcinogens
R.A. Becker
- Factors Affecting the Risk Assessment Process
R.A. Becker
- Human Health Risk Assessment of a Hazardous
Waste Incinerator
R.A. Becker
- Risk Management
R.A. Becker
- Principles of Risk Communication
R.A. Becker