

# FOOD AND CHEMICAL TOXICOLOGY

## Editor-in-Chief

JOSÉ L. DOMINGO

Laboratory of Toxicology and Environmental Health, School of Medicine,  
IISPV, Universitat "Rovira i Virgili", Sant Llorens 21, 43201 Reus, Catalonia, Spain

## Co-Editors

BRYAN DELANEY

Research Fellow – Toxicology DuPont Pioneer,  
Johnston, Iowa 50131

SIEGFRIED KNASMUELLER

Environmental Toxicology Group, Institute of Cancer  
Research, Inner Medicine I, Medical University Vienna,  
Borschkegasse 8a, A-1090 Vienna, Austria

MICHAEL ASCHNER

Department of Molecular Pharmacology  
Albert Einstein College of Medicine Forchheimer 209  
1300 Morris Park Avenue Bronx, NY 10461

CHADA REDDY

College of Veterinary Medicine, University of Missouri,  
1600 E Rollins Street, Columbia, MO 65211, USA

## RIFM Guest Editor

ARISTIDIS M. TSATSAKIS

Director of the Department of Forensic Sciences & Toxicology,  
Medical School, University of Crete, Heraklion, Greece 71409

## Associate Editors

MOHAMMAD QASIM CHAUDHRY

Food and Environment Research Agency, DEFRA  
Central Science Laboratory,  
Sand Hutton, York YO41 1LZ, UK

ROGER A. CLEMENS

University of Southern California School of Pharmacy,  
Los Angeles, California, USA

MILEN GEORGIEV

Inst. of Microbiology, Bulgarian Academy of Sciences,  
139 Ruski Boulevard, 4000, Plovdiv, Bulgaria

MARK FEELEY

Chemical Hazard Assessment Division, Bureau of  
Chemical Safety, Food Directorate,  
Health Canada, Sir Frederick Banting Bldg., Tunney's  
Pasture, Ottawa, ON, K1A 0L2, Canada

SWARAN JEET SINGH FLORA

Scientist 'G', Associate Director & Head,  
Division of Regulatory Toxicology, Defence Research  
and Development Establishment, Ministry of Defence,  
Govt of India, Gwalior-474 002, India

GUILLERMINA FONT

Fac. of Pharmacy, Dept. of Preventive Medicine,  
Universitat de València, Avda Vicent Andres Estelles s/n,  
Burjassot, 46100, Valencia, Spain

SALMAAN H. INAYAT-HUSSAIN

Head, Global Toxicology  
Group Health, Safety and Environment Division  
PETROLIAM NASIONAL BERHAD (20076-K)  
PETRONAS Twin Towers, KLCC,  
50088 Kuala Lumpur, Malaysia

D. KOURETAS

Department of Biochemistry & Biotechnology,  
University of Thessaly, Greece

CLAIRE L. KRUGER

Spherix Incorporated 6430 Rockledge Drive,  
Westmoreland Bldg. #503, Bethesda, MD 20817, USA

BYUNG MU LEE

Division of Toxicology, College of Pharmacy,  
Sungkyunkwan University, Cheoncheon-dong 300,  
Suwon, Geonggi-do, 440-746, Korea

PALMA A. MARONE

Director, Regulatory Pharmaceutical and Food Safety,  
toXcel LLC, 7140 Heritage Village Plaza,  
Gainesville, VA USA 20155

YEONHWA PARK

Associate Professor and F.J. Francis Endowed Chair,  
252 Chenoweth Lab, Department of Food Science,  
University of Massachusetts, Amherst,  
Mass, USA

IVONNE RIETJENS

AFSG/Division of Toxicology, Wageningen University,  
PO Box 8000, 6700 EA Wageningen,  
The Netherlands

SAURA SAHU

Office of Applied Research and Safety Assessment, FDA,  
Center for Food Safety and Applied Nutrition,  
8301 Muirkirk Road, Laurel, Maryland, 20708, USA

DIETER SCHRENK

Department of Food Chemistry and Environmental  
Toxicology, Erwin-Schrödinger-Straße 52,  
67663 Kaiserslautern, Germany

## Emeritus Editors

HANS VERHAGEN

Centre for Nutrition and Health  
(PB84), Rijksinstituut voor  
Volksgezondheid en Milieu (RIVM),  
PO Box 1, 3720 BA, Bilthoven,  
The Netherlands

JOSEPH F. BORZELLECA

Department of Pharmacology and  
Toxicology, Medical College of Virginia,  
Richmond, VA 23298-0613, USA

ALAN R. BOOBIS

Section of Experimental Medicine and  
Toxicology, Division of Medicine,  
Imperial College, Hammersmith  
Campus, Ducane Road,  
London W12 0NN, UKA.

A. WALLACE HAYES

Spherix Consulting and Harvard  
University, 298 South Main Street,  
Andover, MA 01810, USA

## Founding Editor

The late Leon Golberg

## International Editorial Board

M. A. ABDELMEGEEED, USA

N. ARORA, India

S.M. BARLOW, UK

A. BARTHOLOMAEUS, Australia

N. BASARAN, Turkey

M. BATTINO, Italy

A. BRAEUNING, Germany

F. CARVALHO, Portugal

M. CLIFT, UK

T. F. X. COLLINS, USA

A. COVACI, BELGIUM

D. DANDEKAR, USA

B. DELCLOS, USA

D. DOERGE, USA

M. DUSINSKA, Norway

M. FERRANTE, Italy

M. FILIPIC, Slovenia

G. FONT, Spain

K. GOLOKHVAST, Russia

K. KUCA, Czech Republic

P. MAGEE, UK

H. I. MAIBACH, USA

A. MANTOVANI, Italy

A. NIKIFOROV, USA

A. TSAKALOF, Greece

H. VERHAGEN, Netherlands

P. WHITE, Canada

L.G. VALERIO, JR, USA

J. XIAO, China