

NeuroToxicology®

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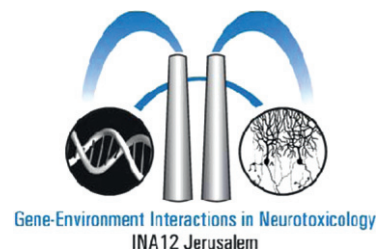
INA-12
June 7-12, 2009 Sunday-Friday
Jerusalem Judean Hills, Israel

**Gene-Environment
Interactions in Neurotoxicology**

*12th Biennial Meeting of the
International Neurotoxicology
Association*

Jerusalem

Special Section



Gene-Environment Interactions in Neurotoxicology

Guest Editors

Yoram Finkelstein, MD, PhD

Shaare Zedek Medical Center & The Hebrew University of Jerusalem

Michael Aschner, PhD

Vanderbilt University Medical Center

William K. Boyes, PhD

US Environmental Protection Agency

Donald A. Fox, PhD

University of Houston

Papers in this special section are based on presentations at the
12th International Neurotoxicology Association meeting held
June 7-12, 2009 in Jerusalem, Israel. All papers have been peer-reviewed





ANNOUNCEMENT OF MEETING

The **International Neurotoxicology Association (INA)** and **International Commission of Occupational Health (ICOH)** will hold a joint International Neurotoxicology Conference in **Xian, China June 5-10, 2011**. The following topics will be covered in the twenty symposia presented at the meeting. Four will be Joint INA-ICOH and 16 will be at parallel INA and ICOH sessions. Please see the web site for more information: <http://www.chntox.org/ina13-icoh12/cn/>

Theme-I. Genetics, Molecular and Cellular Mechanisms of Neurotoxicity

- Epigenetics of neurotoxicity and neurodegeneration
- DNA, mRNA and protein targets for increased susceptibility
- Fetal and neonatal origin of adult neurotoxicity
- Blood brain barrier transport of toxicants

Theme-II. Exposure, Regulation and Risk Assessment of Neurotoxicity

- Environmental monitoring of neurotoxic chemicals
- Biomarkers for environmental and occupational exposures
- Use of worm and fish models for behavioral testing
- New approaches to risk assessment: Computational models for integrating exposure and dose-response

Theme-III. Advances in Diagnosis, Treatment and Prevention of Neurotoxicity

- Animal models of neurodegeneration
- New methods for diagnosis and imaging of neuronal functions: humans and animals
- Chelation therapy for Mn-induced Parkinsonism
- Remission and removal of environmental neurotoxicants

Theme-IV. Behavioral Neurotoxicity Testing in the 21st Century

- New methods for screening and diagnosis of neurobehavioral alterations
- Neurobehavioral testing for pesticide, metals, and solvents
- Behavioral testing in humans and animals: Searching for homologous endpoints
- Studies on emerging Chemicals and Nanotechnology

Theme-V. Epidemiology meets Neurotoxicology and Exposure Sciences

- Follow-up longitudinal studies for better evaluation of long-term neurotoxicity
- Neuroepidemiology with different populations (children, indigenous people, immigrants, elderly)
- Transfer of epidemiology into risk assessment - how to summarize neurobehavioral studies
- Estimate and comparison of occupational neurotoxic diseases in developed and developing countries

A Call for Abstracts will be issued shortly by the Chairs of the INA Scientific Committee (Donald A. Fox: dafox@uh.edu) and ICOH Scientific Committee on Neurotoxicology and Psychophysiology (Roberto Lucchini: lucchini@med.unibs.it).

First Announcement / Save the Dates!

TWENTY-SEVENTH INTERNATIONAL NEUROTOXICOLOGY CONFERENCE

Theme:

Environmentally Triggered Neurological Disorders

October 30 - November 2, 2011

Little Rock, Arkansas



Important Deadline Dates for NEUROTOX 27

July 1, 2011	"Early Bird" Registration Deadline
August 15, 2011	Platform Abstract Deadline
	Student Travel Award Submission Deadline
October 1, 2011	Poster Abstract Deadline
	Deadline for Travel Award Candidate Statements



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