Joint American-Israeli Medical Toxicology Conference
American College of Medical Toxicology and the Israel Society of Toxicology
November 16-17, 2010
Rambam Medical Center, Haifa, Israel
Tuesday, November 16, 2010

8:30 – 9:00am
Registration

9:00 – 9:15am
Opening Remarks
Rafael Beyar, MD, DSc, MPH; Director, Rambam Medical Center, Haifa, Israel
Lewis Nelson, MD, FACMT; New York University School of Medicine, New York, NY, USA
Yedidia Bentur, MD; Israel Poison Information Center, Rambam Medical Center, Haifa, Israel

9:15 – 9:35am
MEDICATION SAFETY moderators: Paul M. Wax, MD, FACMT (USA), Matityahu Berkovitch, MD (Israel)
Medication Errors Associated with Intravenous Acetylcysteine
Wendy Klein-Schwarz, Pharm.D., MPH; University of Maryland School of Pharmacy, Baltimore, MD, USA

9:35 – 9:55am
Prescribing Errors in Emergency Conditions: A Retrospective Cohort Study
Adi Einan Lifshitz, Lee Goldstein, Moshe Sharist, Refael Strugo, Einar Asulin, Shmuel Bar Haim, Zvi Feigenberg, Matitiahu Berkovitch and Eran Kozer; Assaf Harofeh Medical Center, Zerifin, Haemek Medical Center, Afula, Magen David Adom, Israel

9:55 – 10:15am
Hepatic injury incidence following opioid with paracetamol exposure in non suicidal patients has risen dramatically
G. Randall Bond, MD, FACMT; Randy W. Woodward MA, Mona Ho, MSc; Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, USA

10:15 – 10:35am
Medication Errors in the Elderly
Michael A. McGuigan, MD, FACMT, MBA; Winthrop-University Hospital, Mineola, NY, USA,

10:35 – 10:55am
BREAK

10:55 – 11:15am
CONCEPTS IN TOXICOLOGY moderators: Michael A. McGuigan, MD, FACMT (USA), Matityahu Lifshitz, MD (Israel)
Toxicology Investigator’s Consortium (ToxIC): Overview and Next Steps
Paul M. Wax, MD, FACMT; American College of Medical Toxicology, Phoenix, AZ, USA

11:15 – 11:35am
Repeated Deliberate Self Poisoning
Yaron Finkelstein, MD; Hospital for Sick Children, Toronto, Canada

11:35 – 11:55am
Advancement in the Education of Clinical Toxicology
G. Patrick Daubert, MD; Kaiser Permanente, South Sacramento, CA, USA

11:55 – 12:40pm
KEYNOTE LECTURE moderator: Yedidia Bentur MD (Israel)
The Importance of International Toxicology
Lewis R. Goldfrank, MD, FACMT; New York University School of Medicine, New York, NY, USA

12:40 – 1:40pm
LUNCH

1:40 – 2:25pm
DRUGS OF ABUSE moderators: Carlos Fernando Collares, MD (Brazil), Daniel Kurnik, MD (Israel)
Novel Recreational Drugs and “Legal Highs” Over the Last Five Years
Paul Dargan, MD, FACMT and David Wood, MD; Guy’s and St Thomas’ NHS Foundation Trust, London, UK

2:25 – 2:45pm
Clinical Consequences of Additives in Drugs of Abuse
Silas Smith, MD; New York University School of Medicine, New York, NY, USA

2:45 – 3:05
Sophisticated Controlled Substance Act is Needed
Ehud Wolf, PhD; Division of Identification and Forensic Science, Israel Police Headquarters, Jerusalem, Israel

3:05 – 3:25pm
BREAK

3:25 – 3:45pm
Metabolism and Toxicological Detection of Emerging Drugs of Abuse Recently Encountered in Germany and Israel
Markus R. Meyer and Hans H. Maurer; Department of Experimental and Clinical Toxicology, Saarland University, Homburg, Germany

3:45 – 4:05pm
Pitfalls of Roadside SFSTs and DRE Testing in Identifying Impaired Drivers
Joseph Citron, MD; Atlanta, GA, USA

4:05 – 4:25pm
A Fatal Outbreak of PMA and PMMA Poisoning
Yael Lurie, MD, Asher Gopher, PhD, Liron Salimani, MSc, Shlomo Almog, PhD and Yedidia Bentur, MD; Rambam Medical Center, Haifa, Sheba Medical Center, Tel Hashomer, Israel
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**POISONING DISASTERS** moderators: Lewis Nelson, MD, FACMT (USA), Yoram Finkelstein, MD, PhD (Israel)

9:00 – 9:20am
Centrally Active Anticholinergic Antidotes in Organophosphate Poisoning
Ophir Lavon, MD and Yedidia Bentur, MD; CBRN Branch of the Israeli Medical Corps, Rambam Medical Center, Haifa, Israel

9:20 – 9:40am
Risk Management and Antidotal Treatment in Toxicological Mass-Casualty Incidents
Erez Ramaty MD and Ophir Lavon, MD; CBRN Branch of the Israeli Medical Corps, Israel

9:40 – 10:00am
Ocular Injuries Following Sulfur Mustard Exposure: Pathological Mechanism and Potential Therapy
Tamar Kadar, DSc, Shlomit Dachir, PhD, Vered Horwitz, PhD, Adina Amir, PhD; Israel Institute for Biological Research; Ness-Ziona, Israel

10:00 – 10:20am
BREAK

**ENVIRONMENTAL TOXICOLOGY / RISK ASSESSMENT** moderators: Jeffrey Brent, MD, PhD, FACMT (USA), Gideon Koren, MD (Canada)

10:20 – 10:50am
Freshwater Algal Toxins: Implications for Physicians, Public Health Officials and Researchers
Gary Winston, PhD; Health & Science Advisory Board, Institute for Public Health and Water Research, College Station, TX, USA

10:50 -11:10am
Environmental Obesogens - From Basic Science to Speculation: Are They Responsible for the "Obesity Epidemic"?
Avi Wiener, MD; Rambam Medical Center, Haifa, Israel

11:10 – 11:30am
Determining Causation in Clinical Neurotoxicology: a Critical Appraisal
Carlos Fernando Collares, MD; Universidade Cidade de São Paulo, Curso de Medicina. São Paulo, Brazil

11:30 – 11:50am
From Exposure to Effect: The Role of the Medical Toxicologist in Assessing Causation in Environmental and Occupational Exposures
Javier Waksman, MD, FACMT; University of Colorado, Denver, CO, USA

11:50 – 12:10pm
Toxicology of Urban Air Pollution: Case Study of the Haifa Bay Area
Eric Amster, MD, MPH; Harvard School of Public Health, Boston, MA, USA

12:10 – 12:30pm
Biomarkers of Fetal Toxicology
Gideon Koren, MD, FACMT; Hospital for Sick Children, Toronto, ON, Canada

12:30 – 1:30pm
LUNCH

**ACUTE CARE TOXICOLOGY** moderators: G. Randall Bond, MD, FACMT (USA), Eran Kozer, MD (Israel)

1:30 – 1:50pm
Intravenous Emulsion Therapy
Jeffrey Brent, MD, PhD, FACMT; University of Colorado Health Sciences Center, Denver, CO, USA

1:50 – 2:10pm
Electrophysiologic Effect of Fatty Acids on Bupivacaine Induced iNa Blockade
Allan Mottram, MD; University of Wisconsin, Madison, WI, USA

2:10 – 2:30pm
QT Interval: A Prolonged Discussion
Lewis Nelson, MD, FACMT; New York University School of Medicine, New York, NY, USA

2:30 – 2:50pm
Acetic Acid Poisoning in Russia: An Overview
Konstantine Brusin, MD; Sverdlovsk Regional Centre of Acute Poisonings, Ekaterinburg, Russia

2:50 – 3:10pm
The Association Between Computed Tomography (CT) and Endoscopy in Acute Corrosive Ingestion
Yael Lurie, MD, Merav Slotky, MD, Doron Fischer, MD, Michael Krausz, MD, Roni Shreter, MD and Yedidia Bentur, MD; Rambam Medical Center, Haifa, Israel