



Friday, March 18, 2016

7:00-7:45am - Registration and Continental Breakfast

7:45-8:00am - Welcome and Introductions

8:00-9:00am - Platform Session 1

- **8:00-8:15am - Randomized Controlled Study Comparing High Dose Insulin (HDI) to Vasopressors or Combination Therapy in Refractory Toxin-Induced Cardiogenic Shock (TICS).** Katherine Katzung, MD. HealthPartners Institute for Education and Research, St. Paul, MN
- **8:15-8:30am - Validation of a Prediction Rule for Adverse Cardiovascular Events from Drug Overdose.** Alex Manini, MD. Icahn School of Medicine at Mount Sinai, New York, NY
- **8:30-8:45am - Prospective Cohort Study of Intravenous Lipid Emulsion for Resuscitating Critically-ill Poisoned Patients.** Michael Levine, MD. University of Southern California, Los Angeles, CA
- **8:45-9:00am - 2 Presentations**

A Novel Adsorbent System Rapidly Clears Amlodipine from Human Blood

Eric Lavonas, MD, FACMT. Rocky Mountain Poison and Drug Center, Denver Health and Hospital Authority, Denver, CO; Dept of Emergency Medicine, University of Colorado School of Medicine, Aurora, CO

A Novel Adsorbent System Rapidly Clears Verapamil from Human Blood

Eric Lavonas, MD, FACMT. Rocky Mountain Poison and Drug Center, Denver Health and Hospital Authority, Denver, CO; Dept of Emergency Medicine, University of Colorado School of Medicine, Aurora, CO

9:00-9:45am - Toxic DNA: Exploring Genetic Predisposition to Toxicity. Wendy K. Chung, MD, PhD, Kennedy Family Associate Professor of Pediatrics and Medicine, Columbia University, New York, NY

9:45-10:15am - Muscle Burn: The Role of Exertion in Stimulant Induced Hyperthermia. Daniel E. Rusyniak, MD, FACMT, Indiana University School of Medicine, Indianapolis, IN

10:15-10:30am - Break

10:30-11:00am - Tox Mimics in the Critically Ill Patient. Ayrn D. O'Connor, MD, FACMT, Banner-University Medical Center, Phoenix, AZ. **Panelists:** Wendy Chung, MD, PhD, Columbia University, New York, NY; Brent W. Morgan, MD, FACMT, Georgia Poison Center, Atlanta, GA; Laura M. Tormoehlen, MD, Indiana University School of Medicine, Indianapolis, IN

11:00am-12:30pm - Breakout Workshops: attend 2/3 sessions

- **Overheated: Treating Toxin-Induced Hyperthermia.** Russ Kerns, MD, FACMT, Carolinas Medical Center, Charlotte, NC; Daniel E. Rusyniak, MD, FACMT, Indiana University School of Medicine, Indianapolis, IN

- **Controversies in Hyperammonemia and Its Management.** James Cao, MD, University of Texas Southwestern Medical Center, Dallas, TX; Kurt Kleinschmidt, MD, FACMT, University of Texas Southwestern Medical Center, Dallas, TX
- **Lactate Hysteria: Interpreting an Elevated Lactate.** Vikhyat S. Bebarta, MD, FACMT, University of Colorado Anschutz Medical Campus, Aurora, CO; Matthew D. Zuckerman, MD, University of Colorado Anschutz Medical Campus, Aurora, CO

12:30-1:30pm - Poster Session 1: Authors with Posters

1:30-3:00pm - Fellows in Training Research Forum

3:00-5:00pm - Afternoon Break

5:00-6:00pm - ACMT Business Meeting, FIT Award Presentation & FACMT Presentation

6:00-7:00pm - President's Reception

Saturday March 19, 2016

7:00-7:55am - Continental Breakfast

7:55-8:00am - Opening Remarks

8:00-9:00am - Platform Session 2

- **8:00-8:15am - Neurotoxicity, Mitochondrial and mtDNA Damage of Ketamine in Young Children Undergoing Procedural Sedation in the Emergency Department.** Yaron Finkelstein, MD, FACMT. Hospital for Sick Children, University of Toronto, Toronto, ON
- **8:15-8:30am - Efficacy of Hydroxocobalamin as Treatment for Nifedipine-Induced Shock.** Christine Murphy, MD. Carolinas Medical Center, Charlotte, NC
- **8:30-8:45am - TNF- α Response After North American Crotaline Envenomation.** Liping Yang, MD. Carolinas Medical Center, Charlotte, NC
- **8:45-9:00am - Safety and Efficacy of Physostigmine: A 10-Year Retrospective Review.** Annie Arens, MD. University of California, San Francisco, CA; California Poison Control System, San Francisco, CA

9:00-9:45am - Weeding Out the Truth: Cannabinoids in the Treatment of Neurologic Disorders. Barbara S. Koppel, MD, Chief of Neurology, Professor of Clinical Neurology, New York Medical College, New York, NY

9:45-10:15am - Shaken Not Stirred: Toxin-Induced Seizures. Barbara S. Koppel, MD, Chief of Neurology, Professor of Clinical Neurology, New York Medical College, New York, NY

10:15-10:30am - Break

10:30-11:00am - Targets and Toxicity of Newer Anticonvulsants. Laura M. Tormoehlen, MD, Indiana University School of Medicine, Indianapolis, IN

11:00am-12:00pm - Poster Session 2: Authors with Posters

12:00-1:30pm - Professional Development Session: (attend 2/3)

- **Teletoxicology and Wearable Devices.** Peter R. Chai, MD, University of Massachusetts Medical School, Worcester, MA; Aaron B. Skolnik, MD, Banner-University Medical Center, Phoenix, AZ

- **The Business of Toxicology.** Bryan S. Judge, MD, FACMT, Grand Rapids Medical Education Partners, Grand Rapids, MI; Timothy J. Wiegand, MD, FACMT, University of Rochester Medical Center, Rochester, NY
- **How Peer Reviewing Serves Your Specialty and Your Own Scholarship.** Leslie R. Dye, MD, FACMT, President, American College of Medical Toxicology; Mark B. Mycyk, MD, FACMT, Editor-in-Chief, Journal of Medical Toxicology, Chicago, IL

1:30-2:30pm - Fellows-in-Training Luncheon

Global Toxicology: Opportunities for Fellows-in-Training. ACMT International Committee: Ziad N. Kazzi, MD, FACMT; Rais Vohra, MD, FACMT

1:30-4:30pm - Medical Student Track in collaboration with University of California-Irvine Emergency Medicine Interest Group (EMIG). Visit this link for the program schedule:
http://www.acmt.net/Toxicology_for_Medical_Students.html

4:30-6:00pm - Fellows-in-Training Open Mic Competition

Sunday, March 20, 2016

7:00-8:00am - Continental Breakfast

8:00-9:00am - Platform Session 3

- **8:00-8:15am - Overdose Risk in Young Children of Women Prescribed Opioids.** Yaron Finkelstein, MD, FACMT. Hospital for Sick Children, University of Toronto, Toronto, ON
- **8:15-8:30am - 2 Presentations**

Comparative analysis of trends in opioid queries on the Erowid website 2009-2015.

Rachel Wightman, MD. Ronald O. Perelman Dept. of Emergency Medicine, New York University School of Medicine, New York, New York

Relative Frequency of Unique Opioid Page Visits Versus Heroin on Erowid.org. Rachel Wightman, MD. Ronald O. Perelman Dept. of Emergency Medicine, New York University School of Medicine, New York, New York

- **8:30-8:45am - 1,1-Difluoroethane (DFE): Prevalence, Toxicity and Analysis as Reflected by Driving While Intoxicated (DWI) and Postmortem Cases.** Robert Middleberg, Ph.D. NMS Labs, Willow Grove, PA
- **8:45-9:00am - Adulterated Xanax: A Case Series From San Francisco.** Annie Arens, MD. University of California, San Francisco, CA; California Poison Control System, San Francisco, CA

9:00-9:45am - Plant Mitochondrial Toxins and Their Effects on Humans. Kimberlie Graeme, MD, FACMT, Banner-University Medical Center, Phoenix, AZ

9:45-10:15am - Communicating Risk From Neurologic and Metabolic Toxins in Pregnancy. Marya G. Zlatnick, MD, MMS, University of California San Francisco, San Francisco, CA

10:15-10:30am - Break

10:30-11:30am - Poster Session 3: Authors with Posters

11:30am-12:00pm - Palytoxin and Other Marine Toxins: Human Exposures and Toxicity. Michael Levine, MD, University of Southern California Keck School of Medicine, Los Angeles, CA

12:00-1:30pm - Town Hall: Developing Metrics for Toxicology