



International Society For
Anaesthetic Pharmacology
6737 W. Washington St.
Suite 1300
Milwaukee, WI 53214

20th Annual Meeting Program Syllabus

Friday, October 14, 2011

Omni Hotel | 676 N. Michigan Ave. Chicago, Illinois

www.isaponline.org

FACULTY INFORMATION

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CME INFORMATION

Target Audience

This program is designed for physicians and other practitioners in the field of anesthesia seeking an update on the current state and trends in the area of pharmacology

Program Objectives

1. Understand the advances in human genetics and its clinical application.
2. Understand the economic, ethical, and legal challenges related to genomic testing.
3. Understand the pharmacogenetics and genotype-pharmacokinetic relationships and apply this knowledge to clinical management of patients.
4. Understand how to apply new knowledge to patient care.

Practice Gap

There is a lack of identification and appreciation on how genetic variability in the patient's population impacts anesthetic management and outcome (1). Genetic variability affects the pharmacokinetics and pharmacodynamics of many drugs that are used during anesthesia. For instance, variability in opioid requirements seen in patients is probably related to genetic polymorphisms (2-4). Patients with red hair phenotype [associated with melanocortin-1 receptor (MC1R) gene variants (5)] may require more general and local anesthetics compared to patients with black or brown hair (6).

Accreditation Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council For Continuing Medical Education (ACCME) through the joint sponsorship of the International Anesthesia Research Society (IARS) and the International Society for Anaesthetic Pharmacology (ISAP). The IARS is accredited by the ACCME to provide continuing medical education for physicians. The IARS designates this educational activity for AMA PRA Category 1 Credit(s)*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

PLANNING COMMITTEE & FACULTY DISCLOSURES

David Brown, MD
• CB2 Pharma

Keith Candiotti, MD
• No Disclosures

Timothy Caufield, LM, FRSC
• No Disclosures

Ann Daly, PhD
• No Disclosures

Franklin Dexter, PhD
• No Disclosures

Pamela Flood, MD
• No Disclosures

Mohamed Naguib, MB, BCh, MSc, FFARCSI, MD
• No Disclosures

Philip Morgan, MD
• No Disclosures

Gary Peltz, MD, PhD
• No Disclosures
• Intends to discuss unlabeled use of Ondansetron for treatment of narcotic drug withdrawal and Anakinra for reducing incisional wound pain

Mihai Podgoreanu, MD
• No Disclosures

Thomas Schnider, MD
• No Disclosures

Debra Schwinn, MD
• No Disclosures

Steven Safer, MD
• Consultant for Ethicon Endo-Surgical
• Shareholder & Consultant
PharmacoFore, Inc.

Angela Ting, MD
• No Disclosures

Disclosure

It is the policy of the IARS to comply with the ACCME standards for commercial support of CME. Planning Committee members and related staff disclosures must be on file annually with disclosures made available on program materials. Faculty participating in sponsored or jointly sponsored programs by IARS are required to disclose to the program audience any real or apparent financial relationships with commercial interests related to the content of their presentation(s). Faculty also are responsible for disclosing any discussion of off-label or investigational use of a product.

AGENDA

Session #1 (08:10– 10:30)

Theme: *Disease Biology*
Moderator: Mohamed Naguib, MD

08:10 – 08:40 *From the Human Genome Project to Personal Genomics: Current State & Challenges*
Debra Schwinn, MD & Mihai Podgoreanu, MD

08:40 – 9:10 *Genome-wide Association Studies in Pharmacogenomics*
Ann Daly, PhD

09:10 – 09:40 *Genotype-Pharmacokinetic Relationships*
Thomas Schnider, MD

09:40 – 10:10 *Looking Through a Genetic Lens- Broadly*
David Brown, MD

10:10 – 10:30 *Panel Discussion*

10:30 – 10:50 *Coffee Break and Exhibits*

Session #2 (10:50 – 13:00)

Theme: *Pharmacogenetics & Personalized Medicine*
Moderators: James Sonner, MD

10:50 – 11:20 *Epigenetics and Epigenomics of Human Health*
Angela Ting, PhD

11:20 – 11:50 *Perioperative Genomics*
Pamela Flood, MD

11:50 – 12:20 *Genetics & Variable Pain Responses*
Keith Candiotti, MD

12:20 – 12:50 *Translational Genetics: Improving Perioperative Medicine*
Gary Peltz, MD, PhD

Session #2 continued (12:50 – 14:30)

12:50 – 13:00 *Panel Discussion*

13:00 – 14:30 *Lunch & Business Meeting*
Thomas Henthorn, MD
ISAP President

Session #3 (14:30 – 15:45)

14:30 – 15:45 *Poster Discussions*
Discussion Leaders: ISAP Board Members

Session #4 (15:45 – 17:30)

Theme: *Challenges*
Moderator: Mohamed Naguib, MD & James Sonner, MD

15:45 – 16:15 *Economic Challenges to the Application of Pharmacogenetics*
Franklin Dexter, PhD

16:15 – 16:45 *Personalized Medicine & Genetics: Can it Deliver on the (Big) Promises?*
Timothy Caufield, LM, FRSC

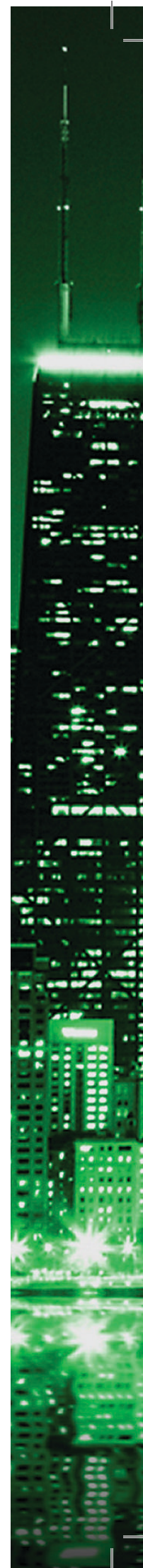
16:45 – 17:15 *The Future of Genetics & Genomics: What Have We Achieved and Where Are We Heading?*
Philip Morgan, MD

17:15 – 17:30 *Panel Discussion*

Session #5 (17:30-18:30)

17:30 – 18:30 *ISAP Lifetime Achievement Award*
Recipient: Steven Shafer, MD

18:30 – 19:30 *Cocktail Reception*



Upcoming Annual Meetings

21st Annual Meeting
Friday October 12, 2012
Washington D.C.

22nd Annual Meeting
Friday October 11, 2013
San Francisco, CA

23rd Annual Meeting
Friday October 10, 2014
New Orleans, LA

25th Annual Meeting
Friday October 23, 2015
San Diego, CA

26th Annual Meeting
Friday October 14, 2016
Boston, MA

