



ISAP 32nd Annual Meeting

2023 Registration Brochure October 13th, 2023

Hilton Union Square
333 O'Farrell Street
San Francisco, California, USA

777 N Van Buren St, Unit 2705 • Milwaukee, WI 53202
(p) 414-379-8602 • isaphq@isaponline.org • isaponline.org



32nd Annual Meeting Schedule

0815–1800 Pacific Time Zone, USA

0815 – 0830

ISAP Welcome/Announcements
Stuart Forman, MD

0830–1000

Session 1 – Pharmacology

0830 – 0900

End-Tidal Anesthetic Concentration: Monitoring, Interpretation, and Clinical Application
Andre De Wolf, MD, Professor Emeritus, Northwestern University, Evanston, IL, USA

0900 – 0930

Gas Man® for Learning, Teaching, and Studying Inhalation Anesthesia Kinetics
James H. Philip, ME(E), MD, CCE, Anesthesiologist and Director of Clinical Bioengineering, Department of Anesthesiology, Perioperative and Pain Medicine, Brigham and Women's Hospital; Medical Liaison for Anesthesia, Department of Biomedical Engineering, Partners HealthCare System, Professor of Anaesthesia, Harvard Medical School, Boston, MA, USA

0930 – 1000

Kalman Filtering in PKPD Modelling of Anaesthetic Drugs
Samaneh Nasiri, PhD, Harvard Medical School, Boston, MA, USA

1000-1015

Break

1015 – 1145

Session 2 – Anaesthesia and the Environment

1015 – 1045

Low Flow Anesthesia - 100 Years Later
Jeffrey Feldman, MD, MSE, Children's Hospital of Philadelphia, University of Pennsylvania, PA, USA

1045 – 1115

Climate Impact of Volatile Anesthetics: Vital Insights for Anesthetists in the Era of Climate Change
Prof. Alain Kalmar, MD, PhD, Sint-Jan Hospital Brugge-Oostende, Belgium; Ghent University, Belgium

1115 – 1145

Action Guidance for Addressing Pollution from Inhalational Anaesthetics
Jodi Sherman, MD, Yale School of Medicine, New Haven, CT, USA

1145-1300

Luncheon – ISAP Business Meeting

1300 – 1400

Session 3 – Up and Coming Anesthetics & Research

1300-1400

Clinical Effects of Site Concentration Guided Anesthesia
Henrik Öhrström, MD, DESA, Senior Consultant, Department of Anesthesia and Intensive Care, Örebro University Hospital and Lindesbergs Hospital, Sweden

Pether Jildenstaal, PhD, Professor, Senior Consultant, Department of medical Sciences, Lund University, Lund, Sweden, Department of Anaesthesia, Operation and Intensive Care, Sahlgrenska University Hospital, Region Västra Götaland, Gothenburg, Sweden, Department of Anesthesia and Intensive Care, Örebro University Hospital and Lindesbergs Hospital, Sweden

1400 – 1445

Mohamed Naguib Lecture :
General Introduction on the Role of Pro-resolving Mediators (SPMs)
Charles N. Serhan, PhD, DSc, Gelman Professorship Harvard Medical School, Director Center for Experimental Therapeutics and Reperfusion Injury and Professor of Oral Medicine, Infection and Immunity, Brigham and Women's Hospital, Harvard University, Boston, MA, USA

1445-1500

Break

1500 – 1630

Moderated Poster Session 90 minutes

1630-1645

Break

1645 – 1730

Keynote Speaker & Lifetime Achievement Awardee
Keynote: Anesthesia, the Eternal Loop Between Physiology and Pharmacology
Albert Dahan, MD, PhD, Full Professor of Anesthesiology, Head of Research, Head of the Anesthesia & Pain Research Unit, Staff Anesthesiologist, Department of Anesthesiology, Leiden University Medical Center, Leiden, The Netherlands

1730 – 1800

Gathering

2023 Board of Directors

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James H. Philip, MEE, MD
Brigham & Women's Hospital, Harvard Medical School

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Rik Carette, MD
OLV hospital, Aalst, Belgium

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University of Virginia Health System

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University of Virginia Health System, Department of Anesthesiology, Charlottesville, VA, USA

Speakers & Moderators

Albert Dahan, MD, PhD
Full Professor of Anesthesiology, Head of Research, Head of the Anesthesia & Pain Research Unit, Staff Anesthesiologist, Department of Anesthesiology, Leiden University Medical Center, Leiden, The Netherlands

Andre De Wolf, MD

Professor Emeritus, Northwestern University, Evanston, IL, USA

Jeffrey Feldman, MD, MSE

Children's Hospital of Philadelphia, University of Pennsylvania, PA, USA

Pether Jildenstaal, PhD

Professor, Department of Medical Sciences, Lund University, Lund, Department of Anaesthesia, Operation and Intensive Care, Sahlgrenska University Hospital, Gothenburg, Sweden, Department of Anesthesia and Intensive Care, Örebro University Hospital and Lindesbergs Hospital, Sweden

Prof. Alain Kalmar, MD, PhD

Sint-Jan Hospital Brugge-Oostende, Belgium; Ghent University, Belgium

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Harvard Medical School, Boston, MA, USA

Henrik Öhrström, MD, DESA

Senior Consultant, Department of Anesthesia and Intensive Care, Örebro University Hospital and Lindesbergs Hospital, Sweden

James H. Philip, ME(E), MD, CCE

Anesthesiologist and Director of Clinical Bioengineering, Department of Anesthesiology, Perioperative and Pain Medicine, Brigham and Women's Hospital, Medical Liaison for Anesthesia, Department of Biomedical Engineering, Partners HealthCare System, Professor of Anaesthesia, Harvard Medical School, Boston, MA, USA

Charles N. Serhan, PhD, DSc

Gelman Professorship Harvard Medical School, Director Center for Experimental Therapeutics and Reperfusion Injury and Professor of Oral Medicine, Infection and Immunity, Brigham and Women's Hospital, Harvard University, Boston, MA, USA

Jodi Sherman, MD

Yale School of Medicine, New Haven, CT, USA

Registration Form

ONLINE REGISTRATION

Online registration accepted until October 6, 2023 at www.isaponline.org.

REGISTRATION FORM

* Required for CME Credits

*First Name: *Last Name:

*Suffix (Jr., Sr., Etc.):

*Company/Institutional Affiliation:

*Specialty: *Please State Your Highest Degree(s):

*Address:

*City: *State/Province:

*Zip: *Country:

Phone: () -

*Email Address:

Special Needs: ☐ Hearing Impaired ☐ Sight Impaired

☐ Other:

REGISTRATION FEES

- ☐ In-person at the Hilton, San Francisco - MEMBER.....\$200
☐ In-person at the Hilton, San Francisco - NON-MEMBER.....\$300
☐ Virtual meeting attendee - MEMBER.....\$75
☐ Virtual meeting attendee - NON-MEMBER.....\$125
☐ Resident - In-person.....\$0
☐ Resident - Virtual.....\$0

PAYMENT MUST ACCOMPANY REGISTRATION.

TOTAL DUE:

METHOD OF PAYMENT

The following methods of payment are acceptable for the registration fee:

1. Check: Make payable to ISAP.

☐ Check Included ☐ Check to Arrive Under Separate Cover

2. Credit Card Payments: ☐ Visa ☐ MasterCard ☐ Discover ☐ AMEX

NAME ON CARD:

No. Sec. Code

Exp. Date /

Signature:

MEETING ATTENDANCE OPTIONS:

The 2023 ISAP Annual Meeting will be held in-person at the Hilton Union Square, San Francisco, California. There will also be virtual attendance available, which will be held on the Zoom platform. Participants will receive the log in information the week before the meeting. You **MUST** be pre-registered to participate in the meeting.

[Click here to register & attend](#)

PAPER REGISTRATIONS BY MAIL

(SEE CONTACT INFORMATION BELOW)

If you are unable to register online please mail your paper registration form.

REGISTRATION

Deadline October 6, 2023.

REGISTRATION CANCELLATION

All cancellations must be in writing and sent by e-mail by October 6, 2023 to isaphq@isaponline.org.

FOR ADDITIONAL INFORMATION, CONTACT:

International Society for
Anaesthetic Pharmacology
777 N Van Buren, Unit 2705
Milwaukee, WI 53202
isaphq@isaponline.org
OFFICE: 414-379-8602

PLEASE NOTE: Registration is not complete until you receive the confirmation email for your pre-registration. If you do not receive this confirmation within 10 days of registration, please contact us at 414-379-8602 or isaphq@ISAPonline.org.

REGISTRATION FEE INCLUDES:

- Continuing Medical Education credits
- Registration and course materials
- Luncheon (in-person)



Mohamed Naguib Lecture

Generous support provided by Senzime Corporation

ISAP has established the Mohamed Naguib Lecture to honor his many accomplishments, which will be presented at every ISAP Annual Meeting. The Inaugural Lecture was given at the 2021 ISAP Annual Meeting. ISAP has established a fund to endow the Mohamed Naguib Lecture and donations may be made at isaponline.org.

In the world of clinical pharmacology, Dr. Naguib was a renaissance man. As a man of many talents, his influential work has provided direction in many spheres of investigation and discovery. He made significant contributions to the scientific foundation and clinical applications of neuromuscular monitoring. He formed and led a coalition of thought leaders to prepare and disseminate expert consensus guidelines on neuromuscular monitoring. He had substantial interest in the mechanisms of and treatment for neuropathic pain. He led a laboratory

that created molecules to treat neuropathic pain. At the time of his passing, he was a principal investigator on a NIH funded multi-center observational study focused on the discovery and validation of a biomarker signature for chemotherapy induced peripheral neuropathic pain. He was the co-founder of a company that is developing a novel therapy for neuropathic pain and Alzheimer's disease based on his research on the mechanisms of neuroinflammation. For each of these activities, he created a wake of opportunities for many that continue to have a vibrant and productive future. He was a prolific writer. He was the principal author or co-author of 130 peer-reviewed journal articles, 25 book chapters (including the premier Miller's Textbook of Anesthesia) and 150 abstracts.

Support the Mohamed Naguib Lecture

Donations can be made online ([click here](#))

ISAP is a 501(c)(3) nonprofit organization which makes donations tax-deductible.

By way of professional service, for years, he served on the editorial board of numerous anesthesia journals and was influential not only in his reviews but in preparing thought provoking editorials and commentary. He also served for many years in various leadership positions, including President of ISAP.

Program Target Audience: This program is designed for an international audience of general anesthesiologists and anesthesiologists with a special interest in clinical pharmacology and technology.

Objectives of the Program: After attending this program you should be able to:

1. Effectively understand the delivery and monitoring of anesthetic agents.
2. Recognize new methods of PKPD modeling including Kalman Filtering.
3. Obtain insight into the effects of inhaled anesthetics on the environment.
4. Explore methods of reducing the environmental impact of anesthetic agents.
5. Appreciate new methods of anesthesia delivery including effect site concentration guided anesthesia and assess the clinical outcomes of these new methods.
6. Learn about the role of pro-resolving mediators (SPMs) in anesthesiology.
7. Recollect on the history of anesthesia and its melding of physiology and pharmacology.

Practice Gaps

- Anesthesiologists require information to understand, assess, and prevent the undesired effects of anesthetic drugs on the environment.
- Learning about monitoring and analytical techniques (such as effect-site concentration guidance, the role of proresolving mediators, and PKPD modelling techniques) help to expand therapeutic and research strategies.
- Understanding the delivery and monitoring of anesthetic delivery including the use of simulation helps to improve anesthetic practice.

Educational Needs

- Providing unbiased assessment and education for clinicians.
- Provide insight into future possibilities for improved clinical performance in anesthetic drug titration.

Satisfactory Completion: Learners must complete an evaluation form to receive a certificate of completion. Your chosen sessions must be attended in their entirety. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.

Joint Accreditation Statement: In support of improving patient care, this activity has been planned and implemented by Amedco LLC and International Society for Anaesthetic Pharmacology. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team



Physicians

ACCME Credit Designation Statement: Amedco LLC designates this live activity for a maximum of 5.50 AMA PRA Category 1 Credits™ for physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SAVE THE DATE

ISAP 33rd Annual Meeting
October 18, 2024
Philadelphia, PA

