



ISAP 31st Annual Meeting

2022 Registration Brochure

October 21st, 2022

JW Marriott New Orleans

614 Canal St., New Orleans, Louisiana

777 N Van Buren St, Unit 2705 • Milwaukee, WI 53202

(p) 414-379-8602 • isaphq@isaponline.org • isaponline.org



31st Annual Meeting Schedule

0815 - 1800 US Central Time Zone

0815-0830	ISAP Welcome Announcements Hugo Vereecke, MD, President
0830-1000	Session 1 - Anesthesia Related Side Effects
0830 - 0900	The Effects of General Anesthesia on Very Young Brain Vesna Jevtovic-Todorovic, MD, PhD, MBA, FASA, Chair, Department of Anesthesiology, University of Colorado School of Medicine
0900 - 0930	Neurosteroid Binding and Action on GABAA Receptors Alex S. Evers, MD, Henry E. Mallinckrodt Professor of Anesthesiology, Washington University in St. Louis
0930 - 1000	Closed-loop Control of Post-operative Hypotension Alexandre Joosten, MD, PhD, Associate Professor, Paris Saclay University, Department of Anesthesiology, Intensive Care & Perioperative Medicine, Bicetre & Paul Brousse Hospitals
1000-1015	Break
1015 - 1145	Session 2 - New Therapeutic Strategies in Anesthetic Pharmacology
1015 - 1045	Pharmacologic Reversal of General Anesthesia using Competitive Antagonists: Proof of Principle Douglas E. Raines, MD, Massachusetts General Hospital Dept. of Anesthesia, Critical Care, and Pain Medicine, and Harvard Medical School
1045 - 1115	Value of NMM in the era of Sugammadex Manfred Blobner, MD, Professor, Technical University of Munich, School of Medicine, Dept. of Anesthesiology and Intensive Care Medicine and University of Ulm, Medical Faculty, Dept. of Anesthesiology und Intensive Care Medicine
1115 - 1145	General Introduction on the Role of Pro-resolving Mediators (SPMs) Speaker to be Confirmed
1145-1300	Luncheon - ISAP Business Meeting
1300 - 1400	Session 3 - Innovation in Pharmacometrics
1300 - 1330	Anaesthetic hysteresis: is it PK, PD or both? Alex Proekt, MD, PhD, Associate Professor, Perlman School of Medicine, University of Pennsylvania
1330- 1400	Pharmacometric approaches to categorical data analysis: an example based on MOAA/S Jeroen V. (Vincent) Koomen, PhD, PharmD, Department of Anesthesiology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands.
1400-1445	Mohamed Naguib Lecture: The Drug Titration Paradox: Something Obvious Finally Understood Talmage Egan, MD, FASA, Professor and Chair, Department of Anesthesiology, University of Utah School, Salt Lake City, UT, USA
1445-1500	Break
1500- 1630	Moderated Poster Session
1630-1645	Break
1645 - 1730	Keynote Speaker & Lifetime Achievement Awardee "A Life in Anesthetic Pharmacology: Some of What Goes Around Comes Around" Thomas K. Henthorn, MD, Professor, Department of Anesthesiology, University of Colorado School of Medicine, Adjunct Professor, Department of Pharmaceutical Sciences, Skaggs School of Pharmacy and Pharmaceutical Sciences, Anschutz Medical Campus, Aurora, CO, USA
1730 - 1800	Gathering

Planning Committee

Pieter J. Colin, PhD, Pharm.D.
Department of Anesthesiology
University Medical Center
Groningen
Groningen University
Hanzeplein 1 RB-9700
Groningen The Netherlands

Speakers & Moderators

Vesna Jevtovic-Todorovic, MD, PhD, MBA, FASA
Chair, Department of Anesthesiology
University of Colorado School of Medicine

Alex S. Evers, MD
Henry E. Mallinckrodt
Professor of Anesthesiology
Washington University in St. Louis

Alexandre Joosten, MD, PhD
Associate Professor, Paris Saclay University
Department of Anesthesiology, Intensive Care & Perioperative Medicine
Bicetre & Paul Brousse Hospitals

Douglas E. Raines, MD
Massachusetts General Hospital Dept. of Anesthesia, Critical Care, and Pain Medicine, and Harvard Medical School

Manfred Blobner, MD
Professor, Technical University of Munich, School of Medicine, Dept. of Anesthesiology and Intensive Care Medicine and University of Ulm, Medical Faculty, Dept. of Anesthesiology und Intensive Care Medicine

Alex Proekt, MD, PhD
Associate Professor, Perlman School of Medicine
University of Pennsylvania

Jeroen V. (Vincent) Koomen, PhD, PharmD
Department of Anesthesiology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands

Talmage Egan, MD
Chair, Department of Anesthesiology
University of Utah
Salt Lake City, UT, USA

Thomas K. Henthorn, MD
Professor, Department of Anesthesiology, University of Colorado School of Medicine, Adjunct Professor, Department of Pharmaceutical Sciences, Skaggs School of Pharmacy and Pharmaceutical Sciences, Anschutz Medical Campus, Aurora, CO, USA

2022 Board of Directors

President
Hugo Vereecke, MD, PhD
University Medical Center
Groningen

Vice President
Stuart Forman, MD, PhD
Massachusetts General
Hospital

Secretary
Joseph Foss, MD
Cleveland Clinic

Treasurer
Jerry Ingrande, MD, MS
University of California,
San Diego

Immediate Past President
Mark Dershwitz, MD, PhD
University of
Massachusetts

Director 2020-2022
Klaus H. Hoerauf, MD,
PhD
Becton, Dickinson & Co,
Franklin Lakes, NJ, USA
and Medical University of
Vienna, Austria

Director 2021-2023 & Co-Chair 2022 Annual Meeting
Pieter J. Colin, PhD,
Pharm.D.
University Medical Center
Groningen

Directors 2021-2023
Howard Gutstein, MD
Allegheny Health Network

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

Directors 2020-2022
Amanda M Kleiman, MD
University of Virginia
Health System

Rik Carette, MD
OLV Hospital

A&A Section Editor
Markus Hollmann, MD,
PhD, DEAA
Amsterdam University
Medical Center (AUMC)

A&A Section Editor
Ken Johnson, MD
University of Utah

Historian
Tom Krejcie, MD
Northwestern University

Executive Director
Jane Svinicki, CAE



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 assess the impact of anesthetic drugs on young brains.
2. Understand the role of neurotoxicity in that process.
3. Obtain insight in the current state of closed loop drug titration in anesthesia.
4. Recapitulate the molecular mechanisms of anesthetic drugs.
5. Assess the current opinion on monitoring neuromuscular function in times of suggamadex.
6. Learn about new techniques for PKPD modelling.
7. Define the drug titration paradox and assess its impact on clinical practice and research.

Practice Gaps

- Anesthesiologists require information to assess the desired and undesired effects of anesthetic drugs.
- Learning about monitoring and analytical techniques (such as closed loop, NMT monitoring and PKPD modeling techniques) help to expand therapeutic and research strategies.
- Understanding the drug titration paradox helps to improve titration effectiveness.

Educational Needs

- Providing unbiased assessment and education for clinicians.
- Provide insight in 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.



Accreditation Statement: In support of improving patient care, this activity has been planned and implemented by Amedco LLC and International Society of 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: Amedco LLC designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SAVE THE DATE

ISAP 32nd Annual Meeting
October 13, 2023
San Francisco, CA

