



IARS

International Anesthesia Research Society

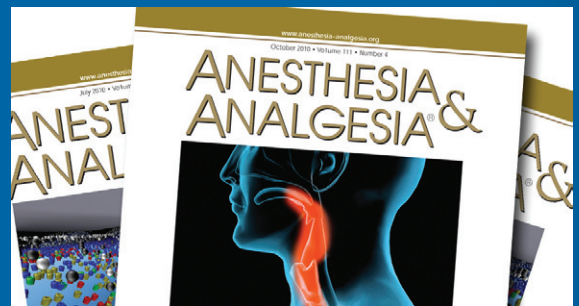
IARS



ADVANCING ANESTHESIA-RELATED



EDUCATION & SCIENTIFIC RESEARCH



Fiscal Year 2010 Annual Report

January - December 2010

PROGRAMS AND SERVICES

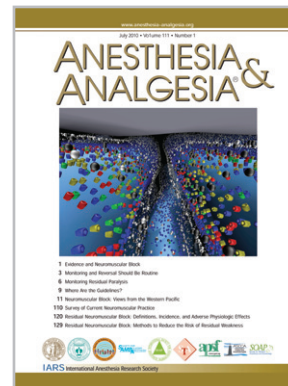
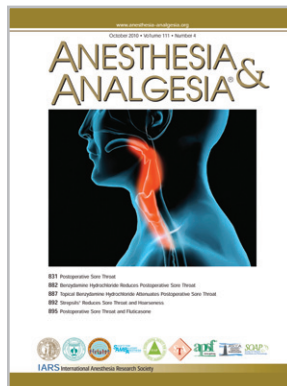
MEMBERSHIP

The IARS membership program provides full access to a nonpolitical community committed to enhancing anesthesia research and education, and improving patient care. IARS members participate in the Society's annual clinical and scientific meeting, gain information regarding all the latest advances in anesthesia research through the Society's journal *Anesthesia & Analgesia*, and enjoy an electronic, user-friendly CME program.

The IARS provides the tools and resources industry professionals need to stay in the forefront of anesthesiology.

Anesthesia & Analgesia (A&A)

The IARS publishes *Anesthesia & Analgesia*, the leading journal in the field. Each monthly issue features peer-reviewed articles reporting on the latest advances in drugs, perioperative care, preoperative preparation, patient monitoring, pain management, patient safety and other timely topics. Internationally renowned authorities serve on the Editorial Board and as Section Editors, making A&A your gateway to everything that is happening in anesthesia and its related subspecialties. A&A is available in print to all members of the IARS, as well as online at www.anesthesia-analgesia.org to individual subscribers and through institutional databases. As the most widely read anesthesia journal, A&A had more than 350,000 full-text and PDF downloads per month in 2010.



OpenAnesthesia (OA)

OpenAnesthesia (openanesthesia.org), launched in 2009, is a website focused on resident education and includes a wiki, featured articles, interviews with experts, podcasts, videos, ABA keyword definitions, and board review questions for anesthesiology residents. OA is on its way to becoming one of the most popular education websites in the field of anesthesiology.

ANNUAL MEETING

The IARS Annual Meeting marked its 84th year in 2010 at the Hilton Hawaiian Village in beautiful Honolulu, Hawaii. The purpose of the IARS Annual Meeting is to provide clinical practitioners, physicians in training, and researchers in anesthesia with information about the latest scientific advances and the most up-to-date concepts in clinical care. The IARS International Science Symposium offers a unique opportunity for researchers to join together in discussion about cutting edge science and how it affects the anesthesiology specialty.

A special feature of the meeting includes the **Kosaka** and the **Best of Meeting Awards**.

Kosaka Award

The Kosaka Award was presented to the best abstract presentation from a group of eight abstracts submitted by Japanese researchers along with eight abstracts on the same topics submitted by their international colleagues.

2010 Award Recipient

Tetsu Kimura, MD, Akita University, Akita, Japan

Abstract: Neuroprotective Effects of a RHO-Kinase Inhibitor Alone or Combined with an α_2 Adrenoceptor Agonist in a Rat Transient Forebrain Ischemia-Reperfusion Model.

The IARS gratefully acknowledges the support of the Japanese Society for Clinical Anesthesia (JSCA) and their contribution of \$1,000 toward the award.



Best of Meeting Awards

Abstracts reviewed and judged by a panel of experts were selected as the best basic science research and patient-oriented research presented at the Annual Meeting.

2010 Basic Science Research Award Recipient

H.T. Lee, MD, PhD, Columbia University, New York, New York

Abstract: Plasma Sphinganine 1-Phosphate Decreases After Cadaveric Human Liver Transplantation

2010 Patient-Oriented Research Award Recipient

Viviane G. Nasr, MD, Children's National Medical Center, Washington, DC

Abstract: Carbon Monoxide Is Rebreathed During Low-Flow Anesthesia in Infants and Children



CONTINUING MEDICAL EDUCATION

The IARS provides updates to the anesthesia community on recent advancements and research findings. Through the latest findings in the field of anesthesia, medical practitioners can acquire critical knowledge and improve skills in the administration of anesthesia and sedation.

In addition to offering access to medically relevant published articles both in print and online, the IARS provides the anesthesia community with opportunities to learn from top experts in the field while earning required continuing medical education (CME) credits.

The IARS provides CME to healthcare providers and medical professionals to assist them with acquiring an updated set of skills and a range of valuable medical information. This ongoing education allows doctors to better provide specialized and efficient service to patients.

The IARS offers three key CME opportunities.

The IARS Annual Meeting conducts education sessions that qualify for CME. More than 1,000 medical professionals attend the meeting each year.

The IARS Online Education Portal offers videotaped review course lectures from the Annual Meeting for members.

Anesthesia & Analgesia provides continuing medical education activities based on selected articles from the journal (approximately two new courses are presented each month). CME activities are available online at no cost to IARS members.

ANESTHESIA RESEARCH GRANTS

Frontiers in Anesthesia Research Award (FARA) - \$500,000 (one award)

Established in 1995, FARA fosters innovation and creativity by an individual researcher in the anesthesiology field. Applicants must demonstrate originality, scientific excellence, and the potential for leadership in the field.

2009-2010 Award Recipient

C. Michael Crowder, MD, PhD, Washington University, St. Louis

Clinical Scholar Research Awards (CSRA) - \$320,000 (multiple awards)

Supports clinical investigations that will further the understanding of clinical practice in anesthesiology and related sciences.

2010 Award Recipients

Jennifer K. Lee, MD, Johns Hopkins University

Patrick Meybohm, MD, University Hospital Schleswig-Holstein

Jacob Raphael, MD, The Rector and Visitors of the University of Virginia

Wyndam M. Strodbeck, MD, Virginia Mason Medical Center



Teaching Recognition Awards (TRA) - \$30,000 (two awards)

Recognizes individuals with outstanding teaching skills and career contributions to the academic community. There are two distinct awards: Innovation in Education and Achievement in Education.

2010 Innovation in Education Award Recipient
Edward C. Nemergut, MD, University of Virginia

2010 Achievement in Education Award Recipient
Jonathan L. Benumof, MD, University of California, San Diego

SCA/IARS Starter and Mid-Career Grant - \$200,000

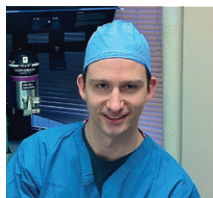
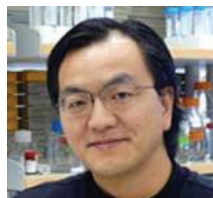
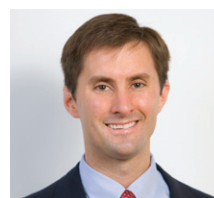
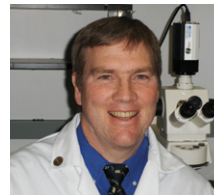
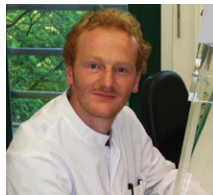
The IARS contributes \$200,000 annually to the Foundation of the Society of Cardiovascular Anesthesiologists (SCA) in support of cardiothoracic and vascular anesthesia research projects. Grants serve as springboards for both early and mid-career researchers.

Starter Grants - \$50,000 (two awards)

2010 Award Recipients
Timo Brandenburger, MD, University Hospital Duesseldorf, Germany
Tetsuro Sakai, MD, PhD, University of Pittsburgh

Mid-Career Grant - \$100,000 (one award)

2010 Award Recipient
Gregory MT Hare, MD, PhD, St. Michael's Hospital



Pictured left to right, top to bottom:
Drs. Benumof, Brandenburger, Crowder,
Hare, Lee, Meybohm, Nemergut,
Raphael, Sakai and Strodbeck.



SmartTots INITIATIVE

One of the most difficult decisions parents face is whether their young child should have surgery. The issue becomes more complicated due to concerns about a child's response to general anesthesia or sedation. To address the critical public health issues associated with the safe use of anesthesia and sedatives in young children and provide parents and doctors with the information they need when faced with such a dilemma, the U.S. Food and Drug Administration (FDA) and the IARS have created the SmartTots Public-Private Partnership (PPP).

SmartTots is a multi-year collaborative effort, working with the FDA and multiple stakeholders (e.g., professional societies, academic research institutions, patient advocacy groups, industry and other government and nonprofit organizations) to increase the safety of anesthetic drugs for the millions of infants and children who undergo anesthesia each year.

The FDA and the IARS signed a formal Memorandum of Understanding in 2010 to create the [SmartTots PPP](#).

Under the framework of the [SmartTots PPP](#), the IARS and the FDA have developed the overarching infrastructure to implement, support, and sustain additional pre-clinical and clinical research in the area of anesthetic-induced neonatal neurotoxicity.

SmartTots



www.SmartTots.org

STATEMENT OF FINANCIAL POSITION

ASSETS

Cash and cash equivalents	\$159,833
Accounts receivable	\$118,025
Prepaid expenses and other assets	\$161,516
Investments	\$21,206,417

Total Assets \$21,645,791

LIABILITIES AND NET ASSETS

LIABILITIES

Accounts payable and accrued liabilities	\$644,891
Pledge payable	\$592,962
Accrued honoraria and awards	\$805,142
Deferred revenue	1,020,490

Total Liabilities \$3,063,485

NET ASSETS

Unrestricted	\$8,772,706
Board designated	\$9,809,600

Total Unrestricted Net Assets \$18,582,306

Total Liabilities and Net Assets \$21,645,791

ABOUT THE IARS

The International Anesthesia Research Society (IARS) is a nonpolitical, not-for-profit medical society founded in 1922 to advance and support scientific research and education related to anesthesia, and to improve patient care through basic research. The IARS contributes nearly \$1 million annually to fund anesthesia research; provides a forum for anesthesiology leaders to share information and ideas; maintains a worldwide membership of more than 15,000 health professionals in anesthesia-related practice; sponsors the SmartTots Initiative in partnership with the FDA; and publishes the monthly *Anesthesia & Analgesia* journal in print and online.

MISSION

The mission of the International Anesthesia Research Society is to encourage, stimulate, and fund ongoing anesthesia-related research projects that will enhance and advance the specialty, and to disseminate current, state-of-the-art, basic and clinical research data in all areas of clinical anesthesia, including perioperative medicine, critical care, and pain management.

The IARS is focused solely on the advancement and support of education and scientific research related to anesthesiology.



IARS

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