Society of Cardiovascular Anesthesiologists (April 22-26, 2017)

Case Reports

Coronary vasospasm: A rare cause of instability following cardiac surgery. Yefim Vilnits, David Kiamanesh

Curious Cause of Systolic Anterior Motion: Congenital Mitral Valve Cleft Causing Dynamic LVOT Obstruction. Mehran Ebadi-Tehrani, Jack S. Shanewise

Monitored Anesthesia Care For The Acute Ischemic Stroke Patient With End-stage Pulmonary Disease. Brian Lee, Steve Miller

Type A Dissection Diagnosed By Transesophageal Echocardiography During Ascending Aortic TEVAR And Aortic Debranching. Timothy Sims, Marie-Louise Meng,

Use of Cardiopulmonary Bypass to Stabilize a Patient With Suspected Malignant Hyperthermia. Matthew Barajas, Steve Miller, Yefim Vilnits

Problem Based Learning Discussions

Percutaneous Valves Isaac Wu

VADs Steven Miller

Lecture

MitraClip for Degenerative MR: Percutaneous Valve Care: The Role of the Cardiac Anesthesiologist Isaac Wu

Association of University Anesthesiologists (May 3-4, 2017)

Research Abstracts

Age at Exposure to Anesthesia in Children and Mental Disorder Diagnosis. Caleb Ing, Ming Sun, Mark Olfson, Charles DiMaggio, Lena Sun, Melanie Wall, Guohua Li

Junior Faculty Travel Award in Pediatric Anesthesia

Photo-Relaxation: Light Mediated Airway Smooth Muscle Relaxation. Peter Yim, Daniel Berkowitz, George Gallos, Charles Emala

Junior Faculty Research Award

Impact of Public Reporting of 30-day Mortality on Timing of Death after CABG Surgery. May Hua, Damon Scales, Ruxandra Pinto, Vivek Moitra, Hannah Wunsch

Attenuation of Airway Contraction in Vivo in Mice by Inhalation of Gelsolin Peptide. Maya Mikami, Yi Zhang, Charles Emala
A Novel GABA$_A$ receptor $\alpha$-Subunit Selective Ligand Relaxes Mouse and Human Airway Smooth Muscle. **G Tom Yocum**, Peter Yim, Yi Zhang, Jose Perez-Zoghbi, Alexander Arnold, James Cook, Charles Emala

*Comparative Potency of Calcium-Activated Chloride Channel Anoctamin 1 Antagonists on Human Uterine Smooth Muscle (USM) Contractility.* **Shunsuke Hyuga**, Joelle Shosfy, Wen Fu, Joy Fink, George Gallos


**Postoperative Complications Affecting Survival after Cardiac Arrest in General Surgery Patients.** **Minjae Kim**, Guohua Li

**An Antagonist of the Anoctamin-1 Calcium-Activated Chloride Channel Relaxes Mouse Airway Smooth Muscle Despite $\beta$-adrenoceptor Desensitization and Attenuates MUC5AC Production.** **Jennifer Danielsson**, Yi Zhang, Charles Emala.


**International Anesthesia Research Society (IARS) May 6-9, 2017**

**Workshop**
- Ultrasound, Simulation, and Stimulation for Peripheral Nerve Blocks. **Danielle Ludwin**

**Panels**
- A Call for Action: Physician Wellness
  - The Past: History of Burnout. **Cortessa Russell**
  - The Future: How Can We Get There? **George Gallos**

- Increasing Women and Diversity in Anesthesia Leadership, Margaret Wood

**Review Course Lectures**
- Update in Sepsis Management 2017. **Vivek Moitra**
- Ultrasound Findings in Intraoperative Anesthetic Emergencies. **Julia Sobol**

**Research Abstracts**
**Mitochondrial cAMP-dependent Phosphorylation in the Developing Murine Brain.** **Yang Long**, Aili Wang, Richard J. Levy

**Kosaka Best of Meeting Awards Finalists**

**Predictors of Anesthetic Duration In Common Pediatric General Surgical Procedures.** **Anna J Klausner**, Xiaoyue Ma, Guohua Li, Caleb Ing

**Presence Of Heparin: Platelet Factor 4 Autoantibodies is Associated with Hypercoagulability.** **Aaron Mittel**, Gebhard Wagener
Comprehension of Critical Care Issues by Proxies of Patients Undergoing Major Surgery. Stephen Cassidy, Gebhard Wagener

Sevoflurane-Induced Neurotoxicity and Dexmedetomidine-Provided Neuroprotection Extend to Several Brain Regions in Newborn Rats. Jose F. Perez-Zoghbi, Wenbin Zhu, Andreas W. Loepke, Marjorie Grafe, Ansgar Brambrink

Interaction Between Recipient Dysnatraemia and Gender on 30 Day Mortality, and Length of Hospital Stay After Liver Transplantation. Christos A Koutentis, Gebhard Wagener

Association of Preoperative Hyponatremia with Infection Following Liver Transplantation. Christos A Koutentis, Gebhard Wagener

Severe Hyponatremia and Predicted Probabilities for Renal Risk in Liver Transplantation. Christos A Koutentis, Gebhard Wagener

Dysnatremia’s Role in Extending the Duration of Hospital Stay of Liver Transplant Recipients. Christos A Koutentis, Gebhard Wagener

Change In Central Venous Pressure Following Passive Leg Raise Does Not Correlate with Transesophageal Echocardiography-Derived Indices of Right Ventricular Function. Kirsten R. Steffner, Aaron Mittel, May Hua, Jack Shanewise, Vivek Moitra, Jessica Spellman

Epidemiology of Arterial Line Use in Pediatric Patients. Matthew Monteleone, Timothy Cheng, Lena Sun


Volatile Organic Compounds Derived from Inhaled Anesthetics and Human Breath Pollute the Anesthesia Circuit. Fanny W. Ng, Anna J. Klausner, Renee Cataneo, Michael Phillips, Lena Sun, Richard J Levy

Medically Challenging Cases
Intraoperative Vascular Access for Liver Transplantation in a Patient with SVC Thrombosis. Peter Downey, Ryan Chadha, Julia Sobol

Sinus of Valsalva Aneurysm with Isolated Right Ventricular Outflow Tract Obstruction. Jacob Evers, Isaac Wu

Anesthetic Management of a SuperMorbidly Obese Patient for Ablation of Insulinoma. Lauren Rosenberg, Robert Whittington

Endocarditis of Quadricuspid Aortic Valve. Jay Kothari, Andrea Miltiades

Rumpel-Leede Phenomenon with Distal Extremity Blood Pressure Cuff. Albert Yen, Brian Egan

Poster Moderators
Taylor Johnston
Anis Dizdarevic
Gebhard Wagener
Robert Whittington
Julia Sobol

Society for Obstetrical Anesthesia and Perinatology (SOAP) May 10-14, 2017

Plenary Lecture: Anesthetic Neurotoxicity - An Update. Ansgar M. Brambrink

The Gertie Marx/FAER Lecture.

Research Abstracts

Resident Wellness on OB Anesthesia. Victoria Danahkl, Cortessa Russell, George Gallos MD

SOAP Research in Education Award

A shared decision-making intervention for opioid prescribing after cesarean delivery: a single-arm Trial. Malavika Prabhu, Emily McQuaid-Hanson, Stephanie Hopp, Lisa R Leffert, Anjali J Kimal, Brian T Bateman, Ruth Landau-Cahana

Gertie Marx Research Award 1st Place

Clonidine versus fentanyl as the adjuvant for epidural top-up for breakthrough labor pain. Susan Cosgrove, Allison Lee, Ruth Landau-Cahana, Thomas Lavin, Stephanie Goodman, Richard Smiley

Analysis of Maternal Complications during Labor and Delivery Using Cost-based Criticality. Jean Guglielminotti, Ruth Landau-Cahana, Guohua Li

Cost-based Criticality of Chronic Maternal Comorbidities. Jean Guglielminotti, Ruth Landau-Cahana, Guohua Li

Combination of low dose L type Calcium channel blockade with calcium-activated chloride channel anocatamin 1 (ANO1) antagonism potentiates relaxation of pre-contracted murine uterine smooth muscle (mUSM). Shunsuke Hyuga, Joelle H Shosfy, Wen Fu, Joy Vink, George Gallos

Neuraxial Anesthesia in Obstetric Patients Receiving Thromboprophylaxis with Unfractionated or Low Molecular Weight Heparin: a Systematic Review of Spinal Epidural Hematoma. Lisa Leffert, Heloise Dubois, Alexander Butwick, Brendan Carvalho, Timothy Houle, Ruth Landau-Cahana

Does an Epidural Precision Checklist, Scoring Tool, and Direct Feedback Enhance Resident Education? Victoria Danahkl, Saundra Curry, Ella Cornell, Robert Maniker, George Gallos

The impact of labor prior to cesarean delivery on postoperative pain and opioid consumption. Holly Ende, Brian T. Bateman, Sara Burns, Ruth Landau-Cahana, Timothy Houle, Lawrence C. Tsen

Design and validation of an assessment tool that measures CA1s' knowledge about general anesthesia for urgent cesarean delivery. Allison Lee, Stephanie Goodman, Shawn Banks Meiko Lin, Ruth Landau-Cahana

Gene discovery in idiopathic preterm delivery or uterine atony.
**Ruth Landau-Cahana**, Richard M Smiley, Beatriz Raposo Corradini, David B Goldstein, Erin Heinzen

*Influence of surgical incision length on chronic postoperative pain after cesarean delivery.* **Ruth Landau-Cahana**, Brendan Carvalho, Beatriz Raposo Corradini, Monica Siaulys, Michal Granot

*Comparative potency of calcium-activated chloride channel anocutamin 1 antagonists on human uterine smooth muscle (USM) contractility.* **Shunsuke Hyuga**, Joelle H Shosfy, Wen Fu, Joy Vink, George Gallos

*Outcomes of breech presentation with or without external cephalic version in a large academic United States medical center.* **Giselle Jaconia**, Thomas Lavin, Richard Smiley, Carolyn F Weiniger, Ruth Landau

*A modified Delphi approach to establish a consensus expert opinion on whether to proceed with neuraxial anesthesia in pregnant women receiving thromboprophylaxis.* **Lisa Leffert**, Heloise Dubois, Timothy Houle, Ruth Landau-Cahana

*Can the double-fluorescent reporter mouse (ROSAnT/nG) be used to improve uterine smooth muscle (USM) specific protein knockdown in murine parturition studies.* **Shunsuke Hyuga**, Wen Fu, Joy Vink, George Gallos

**Case Report**

*Anesthetic Management of a Patient with Pruritic Papules in Third Trimester: Neuraxial vs. General Anesthesia?* **Susan Cosgrove**, Connie Chang, Stephanie Goodman

*Labor analgesia in a coagulopathic parturient.* Joshua D Younger, Allison Lee

*Management of a Pregnant Patient with Scimitar Syndrome Presenting for Cesarean Delivery.* **Laura M Lombardi-Karl**, Suzanne Mankowitz

*From the Dimple to Delivery: A Case Report of Labor Analgesia in Patient with Suspected Spinal Dysraphism.* **Kathryn Faloba**, Ruth Landau-Cahana

*Management of a Pregnant Patient with Incontinentia Pigmenti.* **Laura Lombardi-Karl**, Suzanne Mankowitz

**American Thoracic Society May 19-24, 2017**

**Special Symposium:**
A Peptide Fragment of Gelsolin Attenuates Acetylcholine-Induced Contraction and Inositol Triphosphate Synthesis in Airway Smooth Muscle. Maya Mikami, Yi Zhang, Charles Emala

Photo-Relaxation: Light Mediated Airway Smooth Muscle Relaxation. Peter Yim, George Gallos, Dingbang Xu, Dan Berkowitz, Charles Emala

Antagonism of the TMEM16A Calcium-Activated Chloride Channel Attenuates Allergic Lung Inflammation. Jennifer Danielsson, Maya Mikami, Charles Emala

A Novel GABA<sub>a</sub> Receptor a5 Subunit-Selective Allosteric Modulator that Does Not Cross the Blood-Brain Barrier Relaxes Airway Smooth Muscle Contracted with Diverse Ligands. G. Tom Yocum, Peter Yim, Yi Zhang, G. Li, R. Jahan, Jose Perez-Zoghbi, Alexander Arnold, James Cook, Douglass Stafford, Charles Emala

Cigarette Smoke Induced Downregulation of the ABCA1 Cholesterol Efflux Transporter Exacerbates Pulmonary Inflammation: A Novel Therapeutic Target for LXR Agonists. Joshua Sonett, Adam Gerber, P. Sklepkiewicz, Monica Goldklang, Rui Xiao, J. Trischler, T. Zelonina, V. Lemaitre, Jeanine D’Armiento

Cigarette Smoke Dysregulates Gut Microbiome in Multiple Strains of Mice Correlating with Inflammation in the Lung. Rui Xiao, B.G. Wu, Monica Goldklang, M. McClelland, L.N. Segal, Jeanine D’Armiento

A Novel Role for Alpha-1 Antitrypsin in Protecting the Lung from Destruction by MMP-13. Kyle Stearns, Monica Goldklang, Jeanine D’Armiento.


Tumorigenic Cells of Lymphangioleiomyomatosis Are of a Neural Crest Origin and Susceptible to Tyrosine Kinase Inhibitors. Uchenna J. Unachukwu, T. Shiomi, Joshua Sonett, D. Woode, K. Chada and Jeanine D’Armiento


Mini-Symposium Chair
Critical Care: Do We Have a Crystal Ball? Predicting Clinical Deterioration and Outcome in Critically Ill Patients. May Hua

Poster Discussion Facilitators
May Hua
Emily Vail
Monica Goldklang