

## **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<sub>A</sub> 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

*Mitochondrial cAMP-Dependent Phosphorylation in the Developing Murine Brain.* **Richard Levy**, Yang Long, Aili Wang

*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.

*The Human Metabolite of a Bioactive Ginger Phytochemical Relaxes Human Airway Smooth Muscle: Potential Novel Therapeutics for Bronchoconstriction.* **Elvedin Lukovic**, Yingdong Zhu, Jennifer Danielsson, Shengmin Sang, 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

*EACA is Associated with Reduced Blood Loss in Pediatric Craniofacial Surgery.* **Srijaya K. Reddy,** Taylor Mann, Heather GordishDressman, Robert F Keating, Richard J Levy

*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 SuperMorbidity Obese Patient for Ablation of Insulinoma.* **Lauren Rosenberg,** Robert Whittington

*Endocarditis of Quardricuspid 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 Danahki**, 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 Kaimal, 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 anoctamin 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 Danhaki**, Sandra 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 anoctamin 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 (ROSA<sup>nt/nG</sup>) 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:

The New England Journal of Medicine and JAMA. Discussion on the Edge: Reports of Recently Published Critical Care Research. *U.S. Norepinephrine Shortage and Mortality in Patients with Septic Shock.* **Emily Vail**, Gershengorn HB, May Hua, Walkey AJ, Rubinfeld G, Hannah Wunsch

*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  $\alpha$ 5 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. Sklepkiwicz, 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.

*Essential Role for MMP-13 in Lung Destruction of COPD Exacerbations.* **Monica Goldklang**, R.M. Reed, Rui Xiao, Kyle Stearns, F. Cvetkovski, Damian Turner, T. Zelonina, J. Trischler, P.T. Elkington, Donna Farber, Jeanine D'Armiento

*Tumorigenic Cells of Lymphangioliomyomatosis 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

*Impact of Public Reporting of 30-Day Mortality on Timing of Death After Coronary Artery Bypass Graft Surgery.* **May Hua**, D.C. Scales, R. Pinto, Vivek Moitra, Hannah Wunsch

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**