Research Day
April 28, 2016 7:00 AM - Noon

Kontos Medical Sciences Building Auditorium

Moderator
Vigneshwar Kasirajan, M.D.
Stuart McGuire Professor and Chairman
VCU Department of Surgery

Visiting Professor
Thomas M. Krummel, M.D.
Emile Holman Professor
Department of Surgery
Stanford University School of Medicine
PROGRAM

7:00 AM  Grand Rounds
Thomas M. Krummel, M.D.
“Sustaining MCV/VCU’s Tradition of Innovation”

8:15 – 8:45  Continental Breakfast | KMSB, Room 104-105

8:45 – 8:55  Welcome & Introduction of Visiting Professor & Judges
Adam Klausner, M.D., Director Surgical Research

Visiting Professor:  Thomas M. Krummel, M.D.
Emile Holman Professor of Surgery
Stanford University School of Medicine

Judges:

Basic Science:
Robert F. Diegelmann, Ph.D.
Professor of Biochemistry & Molecular Biology

Martin Mangino, Ph.D.
Professor of Surgery

Kazuaki Takabe, MD, Ph.D.
Associate Professor of Surgery
Associate Professor of Biochemistry & Molecular Biology

Clinical:
Thomas Miller, M.D.
Professor of Surgery

Adam Klausner, M.D.
Associate Professor of Surgery
Warren Koontz Professor of Urologic Research

Huan Vu, M.D.
Associate Professor of Surgery
PRESENTATIONS
(Six - seven minute presentations to be followed by three - four minutes of Q&A)

BASIC SCIENCE PAPERS

8:55 – 9:05  Valerie Plant, MD
PGY- General Surgery Resident
“Low Volume Resuscitation using Polyethylene Glyco-20K in a Pre-Clinical Porcine Model of Hemorrhagic Shock”

9:05 – 9:15  Loren Liebrecht, MD
Surgery Trauma
“Effects of a novel Polyethylene Glycol-20K based resuscitation solutions on ex-vivo coagulation and platelet function”

9:15 – 9:25  Yoshitaro Shindo, MD. PhD
Postdoctoral Fellow Transplant Surgery
“Combination Immunotherapy with 4-1 BB Activation and PD-1 Blockade Enhances Antitumor Efficacy in a Mouse Model of Subcutaneous Tumor”

9:25 – 9:35  Nathanial A. Lee, MD
PGY-3 General Surgery Resident
“Venous Thromboembolism Rates Associated with Interrupted Prophylaxis and EMR Alerts”

9:35 – 9:45  Shannon Rosati, MD
PGY-5 General Surgery Resident
“Gastroesophageal Dissociation for Treatment of Severe GERD in Neurologically-Impaired Children”

9:45 - 9:55  Amy Kite, MD
PGY- 4 Plastic Surgery Resident
“The use of Vasopressors in Pedicled Flaps for Chest Wall Reconstruction”

9:55– 10:05  Resident QI Projects “Readmissions”
Justin Brown, MD PGY-5
Jonathan Bennett, MD PGY-4
Amna Khokar, MD PGY-3
Jonathan DeAntonio, MD PGY-3
Valerie Plant, MD Research
William Rothstein, MD PGY-1
David Bowen, MD PGY-1
10:05– 10:20  BREAK

CLINICAL SCIENCE PAPERS

10:20 – 10:30  Eugene D. Bell, MD  
**PGY-3 Urology Resident**  
“Repair of Iatrogenic Hypospadias in Spinal Cord Injured Patients”

10:30 – 10:40  Sarah C. Caulkins, MD  
**PGY-3 Urology Resident**  
“Characterization of Urinary Symptoms in Patients with Idiopathic Normal Pressure Hydrocephalus”

10:40 – 10:50  Andrew F. Colhoun, MD  
**PGY-4 Urology Resident**  
“Low Amplitude Rhythmic Contractions Influence Sensations of Urgency in Patients with Overactive Bladder Syndrome”

10:50 – 11:00  Andrew F. Colhoun, MD  
**PGY-4 Urology Resident**  
“Sensation during Filling Cystometry Correlates with Detrusor Wall Tension in Patients with Overactive Bladder”

11:00 – 11:10  Jad Khoraki, MD  
**Wisconsin Lab**  
“Roux-en-Y Gastric Bypass Hypoglycemia Resolves with Gastric Feeding or Reversal: Confirmation of a Non-pancreatic Mechanism”

11:10 – 11:20  Jad Khoraki, MD  
**Wisconsin Lab**  
“Intra-hepatic Fat, not Obesity, is a Driver of Metabolic Syndrome in Obese Patients and is Significantly Reduced by Weight Loss Surgery.”

11:20 – 11:30  Loren Liebrecht, MD  
**Surgery Trauma**  
“Geriatric Trauma Patients, Pre-injury Medications and Coagulopathy”

11:30 – 11:45  Closing Remarks and Acknowledgement of Judges  
**Vigneshwar Kasirajan, MD**