



UNIVERSITY OF PITTSBURGH
SCHOOL OF MEDICINE
DEPARTMENT OF SURGERY

Thirteenth Annual Richard L. Simmons Lecture in Surgical Science and Department of Surgery Research Day

Wednesday, May 13, 2015
The University Club
Ballrooms A and B



University of Pittsburgh

School of Medicine
Department of Surgery

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SCHEDULE

- 7:30–8 a.m. Poster Viewing
Ballrooms A and B
- 8–9 a.m. **Richard L. Simmons Lecture
in Surgical Science**
Ballroom A
*"The Challenges and Rewards of
Translational Research—
One Surgeon's Journey"*
Melina R. Kibbe, MD, FACS, FAHA
Professor and Vice Chair of Research
Edward G. Elcock Professor of Surgical Research
Department of Surgery
Northwestern University
- 9–9:30 a.m. Poster Viewing/Break
Ballrooms A and B
- 9:30–10:45 a.m. Oral Presentations
Session 1
Ballroom A
- 10:45–11:15 a.m. Poster Viewing/Break
Ballroom B
- 11:15 a.m.–12:30 p.m. Oral Presentations
Session 2
Ballroom A
- 12:30–2 p.m. Buffet Luncheon
Ballroom B

SESSION 1

- 9:30–9:45 a.m. **Mostafa Ramadan, MD**
"CXCL12 (SDF-1)-CXCR4 Plays a Key Role in B-cell
Trafficking after Hemorrhagic Shock and Trauma
in Mice"
- 9:45–10 a.m. **Ankur Aggarwal, MD**
"A Role for Topical Nitrite in Diabetic Wound Healing"
- 10–10:15 a.m. **Quan Liu, MD, PhD**
"Upregulation of Heart Transplant IL-33 Is Critical in
Cardiac Tissue Repair"
- 10:15–10:30 a.m. **Kellie E. Cunningham, MD**
"Peroxisome Proliferator-activated Receptor γ
Coactivator 1 α (PGC1 α) Helps Maintain The Intestinal
Barrier and Protect Against Inflammation in
Experimental Colitis"
- 10:30–10:45 a.m. **Du Yuan, MD**
"Blue Light Reduces Organ Injury and Dysfunction
During Critical Illness"

SESSION 2

- 11:15–11:30 a.m. **Shinichiro Yokota, MD**
"IRF-1 Promotes Liver Transplant Ischemia/Reperfusion
Injury via Hepatocyte IL-15/IL-15R α Production"
- 11:30–11:45 a.m. **Sebastian Vogel, MD**
"Platelet-derived HMGB1 Controls Inflammation and
Thrombus Formation"
- 11:45 a.m.–Noon **Jason Luciano, MD**
"Free Heme as an Important Cause of Injury in
Traumatic Shock"
- Noon–12:15 p.m. **Samer Tohme, MD**
"The Role of Neutrophil Extracellular Traps in
Promoting Metastatic Cancer Following Surgical Stress"
- 12:15–12:30 p.m. **Michal Radomski, MD**
"Complement Inhibition Enhances the Therapeutic
Efficacy of an Oncolytic Vaccinia Virus"

