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
**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. Eriqat 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 4 (PXR) 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-15Ra 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”