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
“Small Molecules for Small Patients: A Surgical Journey into the Pathogenesis and Treatment of Necrotizing Enterocolitis”
David J. Hackman, MD, PhD, FACS
Watson Family Professor of Surgery
Associate Dean for Medical Student Research
Professor of Surgery and Cell Biology and Physiology,
University of Pittsburgh School of Medicine
Codirector Fetal Diagnosis and Treatment Center,
Children’s Hospital of Pittsburgh of UPMC

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.  GUANQIAO LI
“NK Cell High-Mobility Group Box 1 (HMGB1) Is Required for Anti-tumor Function”

9:45–10 a.m.  LIYAN FAN
“Neutrophils Counteract Alveolar Macrophage Anti-Inflammatory Mechanisms to Sustain Acute Lung Inflammation after Hemorrhagic Shock”

10–10:15 a.m.  BRIAN BOONE, MD
“Neutrophil Autophagy Promotes Neutrophil Extracellular Traps (NET) in Pancreatic Adenocarcinoma Contributing to Tumor Growth and Metastases”

10:15–10:30 a.m.  PATRICK VARLEY, MD
“Trainee Participation in Pancreaticoduodenectomy is Associated with Reduced Mortality and Equivalent Morbidity”

10:30–10:45 a.m.  JENNIFER STEIMAN, MD
“Omission of Sentinel Lymph Node Biopsy (SLNB) Does Not Alter Recurrence or Survival in Estrogen Receptor (ER)+ Early Stage Breast Cancer in Women 80 Years and Older”

SESSION 2

11:15–11:30 a.m.  SAMER TOHME, MD
“HMGB1 and Mitochondrial DNA Mediate Tumor Growth in Hepatocellular Carcinoma through TLR-9 Activation”

11:30–11:45 a.m.  QIAN “KATIE” SUN, MD, PhD
“HMGB1 Protects Hepatocytes from Cell Death by Activating Caspase-1 and Up-Regulating Autophagy after Redox Stress”

11:45 a.m.–Noon  REMEAALLE HOW, MD
“Upregulation of the Pro-apoptotic Protein XIAP-Associated Factor-1 (XAF1) Contributes to Liver Damage in Liver Ischemia/Reperfusion Through the Apoptotic Pathway”

Noon–12:15 p.m.  SHAHAB SHAFFIEY, MD
“Generation of an Artificial Intestine and Validation in a Dog Model”

12:15–12:30 p.m.  JOSHUA BROWN, MD
“Geographic Regional Variations in Mortality Benefit for Helicopter Transport in Trauma: System Disparities Driving Outcomes?”