Tuesday, May 17, 2016

8:00  Continental Breakfast and Poster Session
NCRC Dining Hall

8:30  Introduction
NCRC Dining Hall
Michael W. Mulholland, MD, PhD
Frederick A. Coller Distinguished Professor of Surgery
Chair, Department of Surgery

8:35  Scientific Session I
NCRC Dining Hall
Moderator: Peter Henke, MD
Leland Ira Doan Research Professor of Vascular Surgery and Associate Chair for Research
Resuscitation with Lyophilized Plasma is Safe and Provides Neuroprotection in a Long-Term Survival Model of Swine Subjected to Traumatic Brain Injury, Hemorrhagic Shock, and Polytrauma
-Vahagn C. Nikolian, MD
Small Bowel Diameter in Short Bowel Syndrome as a Predictive Factor for Achieving Enteral Autonomy
-Graham Ives, BA
Esophageal GSTT2 and Racial Differences in Esophageal Adenocarcinoma
-Daysha Ferrer-Torres, BS
Variation in Total Medicare Costs following Open and Endovascular Abdominal Aortic Aneurysm (AAA) Repair
-Danielle C. Horne, MD, MS
RSPO1/LGR4 Protects Liver from Ischemia and Reperfusion Induced Injury through β-catenin Signaling
-Ziru Li, PhD
Defining a New Cell Lineage in the Sagittal Suture and Its Key Pathway
-Kavitha Ranganathan, MD
Ex Situ Perfusion of Human Limbs for 24 Hours
-Nicole L. Werner, MD
The Value of Colon Surgery Care Bundles in Michigan
-Charles Hwang, BS
Role of IL-22 in Pancreatic Cancer Stemness, Initiation and Progression
-Mirna Perusina Lanfranca, PhD
Using Genomic Clues to Determine Valproate’s Protective Mechanism of Action in Injured Brain
-Patrick Georgoff, MD

10:45  Break
NCRC Dining Hall

11:00  Poster Presentation Rounds
NCRC Dining Hall

11:45  Lunch
NCRC Dining Hall
12:30  **Scientific Session II**  
NCRC Dining Hall

*Surgical Outcomes and Medicare Expenditures for Patients Admitted to Critical Access Hospitals*  
-Andrew M. Ibrahim, MD

*Transplantation of Human Epithelial Enteroids into Mice using Poly (Lactide-co-Glycolide) Scaffolds*  
-Priya H. Dedhia, MD, PhD

*Transforming Growth Factor Associated Kinase-1 Mediates Chondrogenesis in a Traumatic Model of Heterotopic Ossification*  
-Hsiao Hsin Sung, DDS

*Macrophage-Mediated Lysine Methyltransferase, Setdb2, Regulates Inflammation in Wound Healing*  
-Andrew S. Kimball, MD

*Designing a Surgeon Scorecard for Michigan*  
-James Mossner

1:35  **Break**  
NCRC Dining Hall

1:45  **Awards Presentation**  
NCRC Dining Hall

Michael W. Mulholland, MD, PhD

**STUDENT RESEARCH AWARD**  
“How My Research Year Has Influenced My Career in Surgery”  
-Jason Pradarelli, BS, MSCR

**YOUNG INVESTIGATOR AWARD**  
“The Role of Connective Tissue Cells and Their Signaling Mechanism in the Development of Heterotopic Ossification”  
-Shailesh Agarwal, MD

**JAMES W. CRUDUP AWARD**  
“Extending Extracorporeal Life Support to Premature Infants, Children with Chronic Lung Disease and Donated Organs for Transplantation”  
-Benjamin Bryner, MD, MS

2:35  **Keynote Address**  
NCRC Dining Hall

*Surgery, Serendipity and Blood Transfusions: A Case Study in Surgical Research*  
-Timothy M. Pawlik, MD, MPH, PhD