Wednesday, April 1, 2015

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

Prospective, Randomized Trial of Perflubron-induced Lung Growth in Neonates

Conventional Diaphragmatic Hernia

Benjamin Bryner, MD

Direct reprogramming of in vitro derived human intestinal tissue into pancreatic beta-like cells

Priya H. Dedhia, MD, PhD

Smooth Muscle Cell Deletion of LDL Receptor Related Protein-1 Augments AngII-Induced Superior Mesenteric Arterial and Ascending Aortic Aneurysms

Frank M. Davis, BS

Early Impact of 2011 ACGME Duty Hour Regulations on Surgical Outcomes

Christopher P. Scally, MD

Dermal-Based Peripheral Nerve Interface for Transduction of Sensory Feedback

Ian C. Sando, MD

Recurrent DVT is pathologically different than primary DVT: Characterization of the first mouse model of recurrent venous thrombosis in the inferior vena cava

Elizabeth Andraska, BS

Readmission Status and Survival Following Lung Transplantation

Tyler R. Grenda, MD

Defining the Role of the Vasculogenic Niche in Trauma-Induced Heterotopic Ossification

Shailesh Agarwal, MD

Using a Novel Transgenic Mouse to Identify Endochondral Ossification Precursor Cells and to Induce Bone Growth

Kavitha Ranganathan, MD

Cancer-Directed Surgery and Conditional Survival in Advanced Stage Colorectal Cancer

Lauren Wancata, 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

- Regulation of Hypoxic Alveolar Epithelial Cells in Lung Contusion
  - Matthew Sherman, BA, BA
- Variation in Immediate Breast Reconstruction Across Safety Net Hospitals
  - Tiffany N.S. Ballard, MD
- Novel HSP90 inhibitors effectively target thyroid cancer stem cells and prevent epithelial-mesenchymal transition and migration
  - Peter White, MD
- Utilization of PET in Patients with Lung and Esophageal Cancers
  - Mark Healy, MD
- The Role of p38 MAPK in Tendon Growth and Remodeling
  - Kristoffer B. Sugg, MD
- Addition of Valproic Acid to Saline Resuscitation Attenuates Traumatic Brain Injury (TBI) and Improves the Rate of Recovery in a Large Animal Model of Combined TBE and Hemorrhagic Shock
  - Ihab Halaweish, MD

1:48 Break
NCRC Dining Hall and Lobby

2:00 Awards Presentation
NCRC Dining Hall

- Michael W. Mulholland, MD, PhD
  STUDENT RESEARCH AWARD
  “Stem Cells for Head and Neck Cancer Reconstruction”
  - Sagar S. Deshpande, BS
  YOUNG INVESTIGATOR AWARD
  “Development of an Endoluminal Device for Intestinal Lengthening in Short Bowel Syndrome”
  - Farokh R. Demehri
  JAMES W. CRUDUP AWARD
  “Pursuing the Silent Killer: Pharmacologic targets for the treatment of Venous Thromboembolism”
  - Andrea Obi, MD
2:50 Keynote Address
NCRC Dining Hall
Extending Surgical Cure - Yolonda L. Colson MD, PhD