

## LIST OF ANNUAL RESEARCH EDWARD W. MOORE LECTURERS

**May, 2008**

Dr. T. Jake Liang (NIH/NIDDK)  
Ed Moore Lecture – "Exploring the molecular and genetic basis of interferon action and resistance in treatment of hepatitis C"

**May, 2007**

Dr. Phillip B. Hylemon (VCU)  
Ed Moore Lecture – "Bile Acids and Regulatory Molecules"

**May, 2006**

Dr. Nicholas LaRusso (Mayo Clinic)  
Ed Moore Lecture – "Cholangiocyte Biology"

**May, 2005**

Dr. Gregory J. Gores (Mayo Clinic)  
Ed Moore Lecture: "Bile Acids & Regulation of Apoptosis"

**May, 2004**

Dr. Martin C. Carey (Brigham & Women's, Boston, MA)  
Pathogenesis of Gallstones

**May, 2003**

Dr. Don Ostrow. (University of Washington in Seattle)  
Ed Moore Lecture. "Hyperbilirubinemic encephalopathy"

**May, 2002**

Dr. Sum P. Lee (University of Washington)  
"A Tale of Two Opossums and a Discussion of Gallstones"

**May, 2001**

Dr. Alan Hofmann (University of California at San Diego)  
"The pathochemistry and pathobiology of bile: achievements  
In the 20<sup>th</sup> century and challenges in the 21<sup>st</sup> century"

## PAST ANNUAL RESEARCH DAY FELLOW PRESENTATIONS

### 2008

#### Research Fellow Presentations:

1. Dr. Margaret Park (Mentor: Dr. Paul Dent)  
"MEK1/2 inhibitors and 17AAG interact to kill human hepatoma cells in vitro via suppression of c-FLIP-s and activation of the extrinsic pathway."
2. Dr. Sunila Mahavadi (Mentor: Dr. Karnam Murthy)  
"Caveolin-1 Inhibits Phosphodiesterase 5 Activity and Enhances cGMP-Mediated Relaxation in Smooth Muscle: A Role for Caveolin-1 in Altered Muscle Function in TNBS-Induced Colitis"
3. Dr. Xudong Wu (Mentor: Dr. Huiping Zhou)  
"18 beta -glycyrrhetic acid prevents free fatty acids/high fat diet-induced hepatic toxicity by inhibiting cathepsin B expression and enzyme activities"
4. Dr. Yongjie Ma (Mentor: Dr. Shunlin Ren)  
"A novel sulfated oxysterol regulates lipid metabolism in macrophages"
5. Dr. Robert Flynn (Mentor: Dr. Jay Kuemmerle)  
"Endogenous IGFBP-3 regulates collagen I production and contributes to stricture formation in Crohn's Disease"
6. Dr. Krystina Berg Hazelgrove (Mentor: Dr. Jay Kuemmerle)  
"The role of Insulin-like growth factor-1 (IGF-1) and its splice variant Mechano growth factor (MGF) in stricture formation in Crohn's Disease"

### 2007

#### Research Fellow Presentations:

1. Dr. Puneet Puri: "New Mouse Model of NAFLD: A Lipidomic Analysis and Comparison with Human Disease"
2. Dr. Wei Hou: "Atrial Natriuretic Peptide (ANP) Regulates Gastric Endocrine and Exocrine Secretion"
3. Dr. Margaret Park: "Geldanamycins in Hepatocyte and Hepatoma Biology"
4. Dr. Sunila Mahavadi "Inhibition of MLC20 phosphorylation and muscle contraction downstream of Ca<sup>2+</sup> and RhoA by PKA and PKG via phosphorylation of p116Rip and stimulation of MLC phosphatase activity"
5. Dr. Huiping Zhou - "HIV protease inhibitors increase TNF- $\alpha$  and IL-6 release in macrophages: Involvement of RNA-binding protein HuR"
6. Dr. Xiaobo Li – "HIV protease inhibitors increase TNF- $\alpha$  and IL-6 release in macrophages: Involvement of RNA-binding protein HuR"

## **2006**

### **Research Fellow Presentations:**

1. Dr. Puneet Puri "A Lipidomic Analysis of Nonalcoholic Fatty Liver Disease (NAFLD)"
2. Dr. Wei Hou: "Endogenous cannabinoids regulate gastric acid secretion via CB1, CB2, and VR1 receptors"
3. Dr. Wenhui Hu: "Upregulation of RGS4 expression by interleukin-1 beta in colonic smooth muscle is enhanced by ERK1/2 and p38 MAP kinase and inhibited by PI3-kinase/Akt/GSK3"
4. Dr. Sunila Mahavadi "Activation of the Rho-interacting protein p116RIP by Src kinase inhibits RhoA and enhances MLC phosphate activity"
5. Dr. Huiping Zhou-- "HIV Protease Inhibitors and Dyslipidemia"
6. Jason Ridlon: "Molecular Biology of Intestinal Bile Acid Metabolism"

## **2005**

### **Research Fellow Presentations:**

1. Dr. HiPing Zhou: "Acceleration of atherosclerotic pathways by anti-HIV therapy." (preceptor: Dr. Hylemon)
2. Dr. Jay Choudhury: "Development of a method to evaluate lipid homeostasis in human liver biopsy samples" (preceptor: Dr. Sanyal)
3. Dr. Ramesh Seela: Role of cannabinoid pathways in hepatic lipid metabolism. (preceptor: Dr. Sanyal)
4. Dr. Sean McGarr: "Molecular characterization of fecal anaerobic flora" (preceptor: Dr. Hylemon)
5. Dr. Zhang: "Use of phosphodiesterase inhibitors to decrease ischemia-reperfusion injury" (preceptor: Dr. Kukreja)