Thank you to the presentation judges and abstract reviewers. Special thanks to Vin Tangpricha, MD, PhD, Associate Professor, Endocrinology for organizing this event.
8:00 – 8:30 am  Registration
8:30 – 9:30 am  Oral Presentations
9:30 – 10:15 am Break and Poster Viewing
10:15 – 11:00 am  Oral Presentations
11:00 am – 11:45 am  Keynote Address
   “Biomedical Research and Health Needs of the Nation: a National Perspective”
   Dr. Ann C. Bonham, Chief Scientific Officer, Association of American Medical Colleges
12:00 – 1:00 pm  Lunch
   Ribbons will be placed on finalist posters
12:00 – 1:00 pm  Oral Presentations
1:00 – 2:00 pm  Oral Presentations
2:00 – 2:45 pm  Poster Viewing and Final Judging
   Poster finalists will be available for questions
2:45 – 3:15 pm  Oral Presentations
3:15 – 3:30 pm  Research Accomplishments in the Department of Medicine; Presentations of Oral and Poster Awards
   Dr. R. Wayne Alexander, Chair, Department of Medicine

59. Raed Bou-Matar, Pediatrics Fellow, Renal
   Decreased Aquaporin 2 and Urea Transporter Abundances in a Rat Model of Nephrotic Syndrome

60. Gloria Salazar, Assistant Professor, Cardiology
   Angiotensin II Requires Zinc and Downregulation of the Zinc Transporters ZnT3 and ZnT10 to Induce Senescence of Vascular Smooth Muscle Cells

61. Yanhua Wang, Postdoctoral Fellow, Renal
   PKC Regulation of Urea Permeability in Wild-type and PKCa Knockout Mice

62. George R. Beck, Assistant Professor, Endocrinology
   Dietary Phosphate Regulated Proliferation, Transformation, and Tumorigenesis

63. Tiffany L. Thai, Postdoctoral Fellow, Renal
   Lack of PKCa Leads to Altered Abundance of Aquaporin-2 but not UT-A1 in Angiotensin II-Induced Hypertension

64. Srinivasa Raju Datla, Postdoctoral Fellow, Cardiology
   Poldip2, a Nox4 Interacting Protein, Regulates Vascular Smooth Muscle Cell Migration via RhoA-dependent Focal Adhesion Turnover

65. Christian E. Overgaard, Postdoctoral Fellow, Pulmonary
   Granulocyte Macrophage-colony Stimulating Factor and Transforming Growth Factor Beta have Opposing Effects on Lung Epithelial Barrier Function

66. Mallappa Anitha, Sr. Research Specialist, Digestive Diseases
   Conditional Knockout of MyD88 in Enteric Ganglia Results in Selective Loss of Nitrergic Neurons and Delayed Colonic Motility
First Session (8:30 – 9:30am)

8:30 – 8:45  Haimanot Wasse, Assistant Professor, Renal
Use of Blood Chymase as a Biomarker to Predict AVF Nonmaturation

8:45 – 9:00  Alicia Lyle, Postdoctoral Fellow, Cardiology
Reactive Oxygen Species Regulate Osteopontin Expression in Post-Ischemic Neovascularization

9:00 – 9:15  Shiqin Xiong, Postdoctoral Fellow, Cardiology
Inhibition of FoxO1-SIRT1 Signaling by Sustained Acetylation of PGC-1α Promotes Angiotensin II-induced Vascular Senescence

9:15 – 9:30  Pradeep Kumar, Postdoctoral Fellow, Digestive Diseases
Adiponectin Disrupts Focal Adhesions in Activated Rat Hepatic Stellate Cells In Vitro and In Vivo and Activates Matrix Metalloproteinase I: Implications for Matrix Remodeling and Fibrosis Resolution

Second Session (10:15 – 11:00am)

10:15 – 10:30 Ruth E. Grossmann, Graduate Student, Endocrinology
Clinical Responses to a Novel Vitamin D Supplementation Strategy in Adult CF Patients Hospitalized for Pulmonary Exacerbation

10:30 – 10:45 Melissa Y. Wei, Resident, Internal Medicine
Effects of Eicosapentaenoic Acid Versus Docosahexaenoic Acid on Serum Lipids: a Systematic Review and Meta-analysis

10:45 – 11:00 Parham Eshtehardi, Postdoctoral Fellow, Cardiology
Association of Coronary Wall Shear Stress with Atherosclerotic Plaque Burden, Composition, and Distribution in Patients with Coronary Artery Disease
Third Session (1:00 – 2:00pm)

1:00 – 1:15  Jau-Yi Li, Instructor, Endocrinology
PTH Induces Hemopoietic Stem Cells Expansion Through T Cell-Produced Wnt10b

1:15 – 1:30  Behtash Nezami, Postdoctoral Fellow, Digestive Diseases
High Fat Diet-Induced Colonic Motility Disturbances and Autophagy Mediated Enteric Neuronal Apoptosis

1:30 – 1:45  Aravind T. Reddy, Graduate Student, Pulmonary
Endothelial Cell PPAR-γ Protects against Sepsis-induced Acute Lung Injury

1:45 – 2:00  Rupali K. Doshi, Postdoctoral Fellow, Infectious Diseases
Health Care Utilization among Black Men in Georgia: Implications for the HIV Racial Disparity

Fourth Session (2:45 – 3:15pm)

2:45 – 3:00  Anandi N. Sheth, Assistant Professor, Infectious Diseases
Genital Secretions from HIV-1 Infected Women on Effective Antiretroviral Therapy Contain High Drug Concentrations and Low Amounts of Cell-free Virus

3:00 – 3:15  Alexander V. Smolensky, Postdoctoral Fellow, Cardiology
Mechanisms of Abdominal Aortic Aneurysm Formation in Persons with Traumatic Amputation of a Lower Extremity

Poster Presentations (cont.)

40. Qiang Cai, Professor, Digestive Diseases
Effect of Oral Fluticasone on Prevention of Refractory Benign Esophageal Stricture

41. Sarah F. Knight, Instructor, Cardiology
Targeted Anti-oxidant Therapy Specifically Protects the Proximal Tubule from Ischemia-Reperfusion Injury

42. Yuliang Sun, Research Associate, Medicine
Enhanced Anti-tumor Efficacy of T-DM1 and Pertuzumab Combination Treatment on HER2 Amplified Human Xenograft Tumor Models

43. Youngia Park, Assistant Professor, Pulmonary
High Performance Metabolic Profiling (HPMP) on Identification of Corticosteroid Resistance in Severe Asthmatic Children

44. S. Russ Price, Professor, Renal
Decreased Expression of PGC-1α in Skeletal Muscle May Contribute to Protein-Energy Wasting in CKD: Role of Glucocorticoids

45. Ran Jin, Graduate Student, Endocrinology
Dysfunctional HDL in Pediatric Non-alcoholic Fatty Liver Disease (NAFLD)

46. Pankaj Manocha, Postdoctoral Fellow, Cardiology
Percent Body Fat is Not an Independent Predictor of Arterial Stiffness in South Asians Unlike in Caucasians

47. Pankaj Manocha, Postdoctoral Fellow, Cardiology
Triceps Subcutaneous Fat Is the Best Race Dependent Predictor of Arterial Stiffness in Black Women as Opposed to Suprailiac Fat in White Women

48. Pankaj Manocha, Postdoctoral Fellow, Cardiology
Triglycerides are an independent predictor of Diabetes in South Asian Females Unlike in South Asian males in the United States

49. Samantha M. Yeligar, Postdoctoral Fellow, Pulmonary
Rosiglitazone Reduces Alcohol-induced Alveolar Macrophage Oxidative Stress and Phagocytic Dysfunction
30. **J. Spencer Jensen**, Postdoctoral Fellow, Pulmonary  
The Nrf2 Pathway in the Alcoholic Alveolar Epithelium

31. **Hong Chen**, Assistant Professor, Endocrinology  
Estrogen Response Element Binding Protein is a Multi-site Regulator of Chromatin Remodeling, Transcription, and RNA Splicing in Bone Cells

32. **Clinton R. Williams**, Postdoctoral Fellow, Pulmonary  
Rosiglitazone Attenuates NFκB-Mediated NADPH Oxidase Upregulation in Hyperglycemia-Activated Endothelial Cells

33. **Bindu P. Chandrasekharan**, Associate, Digestive Diseases  
TNF-α Induced Neuropeptide Y (NPY) Expression in the Enteric Nervous System Influences Intestinal Inflammation and Epithelial Barrier Functions

34. **Hope Gole**, Postdoctoral Fellow, Cardiology  
SSH1L-mediated Activation of Cofilin Regulates Smooth Muscle Cell Reorientation and Inflammatory Gene Expression After Mechanical Stress

35. **Jason T. Alexander**, Graduate Student, Pulmonary  
Washing Red Blood Cells Does Not Restore Relaxation in Rat Aortas Exposed to Stored Blood

36. **Aloke V. Finn**, Assistant Professor, Cardiology  
Hemoglobin Directs Macrophage Differentiation and Prevents Foam Cell Formation in Human Atherosclerotic Plaques

37. **Aloke V. Finn**, Assistant Professor, Cardiology  
Pharmacologic Suppression of Hepcidin Increases Macrophage Cholesterol Efflux and Reduces Foam Cell Formation and Atherosclerosis

38. **Viranuj Sueblinvong**, Assistant Professor, Pulmonary  
Role of Thy-1 Negative Fibroblasts in Bleomycin-induced Fibrosis in Senescent Murine Lungs

39. **Eric Kerchberger**, Graduate Student, Pulmonary  
Chronic Alcohol Ingestion Enhances Lung Fibrosis Following Bleomycin-induced Lung Injury in Mice

1. **Anjan Deka**, Resident, Cardiology  
Right Ventricular Function After Pulmonary Valve Replacement in Adults WithRepair ed Tetralogy of Fallot: Insights from Strain Echocardiography

2. **Jesse T. Jacob**, Assistant Professor, Infectious Diseases  
Comparison of a Novel Silver-Coated Catheter Access Device and a Standard Catheter Access Device: A Dual Center Cross-over Study

3. **Vandana D. Niyyar**, Assistant Professor, Renal  
2010 Department of Medicine FAME Grant Recipient  
Reducing Catheter Prevalence in a Dialysis Population by Using Early Intervention with a Multi-Disciplinary Vascular Access Team

4. **Karen A. Clarke**, Assistant Professor, Hospital Medicine  
Reduction of Catheter-associated Urinary Tract Infections by Bundling Interventions in a Community Hospital

5. **Sheila J. Bharmal**, Graduate Student, Digestive Diseases  
Fully Covered Self-Expandable Metal Stents (FCSEMS) in the Management of Benign Biliary Strictures

6. **Holly C. Williams**, Graduate Student, Cardiology  
Coronin 1b Regulates PDGF-induced Vascular Smooth Cell Migration

7. **Aalok D. Patel**, Resident, Cardiology  
Cardiac Magnetic Resonance Imaging in the Evaluation of Pulmonary Homograft Stenosis

8. **Jamie B. Sodikoff**, Graduate Student, Digestive Diseases  
Health Resource Utilization and Multidisciplinary Impact Following Endoscopic Ultrasound in a Tertiary-referral Medical Center

9. **Arun Mohan**, Instructor, Hospital Medicine  
Real-time Dashboard to Prevent Venous Thromboembolism Among Critically Ill Patients

10. **Madeleine E. Hackney**, Assistant Professor, Geriatrics  
Adapted Tango: Feasibility and Efficacy in Oldest-Old Adults with Visual Impairment
11. Minh Ly Nguyen, Assistant Professor, Infectious Diseases
Short Term and Long Term Outcomes of the First Cohort Attending a DOTS-Plus Program for Treatment of Multidrug-resistant Tuberculosis (MDR-TB) in Orel Oblast, Russian Federation

12. Emir Veledar, Assistant Professor, Cardiology
Does “Improvement in Model Quality” and Possibility to Reclassify Patients Risk Give Credibility to Additional Markers?

13. Julie Hollberg, Assistant Professor, Hospital Medicine
Effects of Structured Interdisciplinary Bedside Rounds and Geographic Localization on Teamwork

14. A. Maziar Zafari, Professor, Cardiology
Effect of a Rapid Response Team on Cardiopulmonary Arrest Rate at a Veterans Hospital

15. Jennifer Christie, Assistant Professor, Digestive Diseases
Esophageal Manometry and 24-hour Acid pH Study Profiles in Lung Transplantation Candidates with Interstitial Lung Disease at a Tertiary Academic Medical Center

16. Joanna M. Bonsall, Instructor, Hospital Medicine
2011 Department of Medicine FAME Grant Recipient
Mandatory and Dedicated Time for Verbal Handovers May Reduce Errors, Improve Physician Satisfaction, and Decrease Length of Stay

17. Miwako Kobayashi, Postdoctoral Fellow, Infectious Diseases
Gender Differences in Lung Cancer Presentation and Survival among HIV+ and HIV- Individuals

18. Sushma K. Cribbs, Assistant Professor, Pulmonary
HIV Infection Decreases Alveolar Macrophage Function, Alters Zinc Bioavailability, and Increases Oxidative Stress Even In Otherwise Healthy Individuals

19. M. Neale Weitzmann, Associate Professor, Endocrinology
Anti-retroviral Therapy Accelerates Skeletal Destruction in HIV Patients as a Consequence of Immune Reconstitution

20. Rupali K. Doshi, Postdoctoral Fellow, Infectious Diseases
Correlates of Antiretroviral Utilization Among Hospitalized HIV-infected Crack Cocaine Users

21. Vikas Bhalla, Assistant Professor, Cardiology & Hospital Medicine
Differential Response of Hypothalamic–Pituitary–Adrenal (HPA) Axis after Cardiac Stress in the Presence of Myocardial Ischemia: The Emory Twin Studies

22. Amit J. Shah, Postdoctoral Fellow, Cardiology
Association of Antidepressant Medications With Carotid Intima Media Thickness in Middle Aged Veterans

23. Camille P. Vaughan, Assistant Professor, Geriatrics
Vitamin D and Lower Urinary Tract Symptoms Among US Men: Results from the 2005-2006 National Health and Nutrition Examination Survey

24. Temitope Foster, Assistant Professor, Digestive Diseases
The Association of Serum Vitamin D Concentrations and Non-Alcoholic Fatty Liver Disease (NAFLD): The Multi Ethnic Study of Atherosclerosis

25. Temitope Foster, Assistant Professor, Digestive Diseases
The Predictors of Non-Alcoholic Fatty Liver Disease (NAFLD) in African-Americans: The Multi Ethnic Study of Atherosclerosis (MESA)

26. Abel Martin-Garrido, Postdoctoral Fellow, Cardiology
Role of Smad3 Downregulation in Smooth Muscle Actin Expression by TGFβ in Vascular Smooth Muscle Cells

27. Martina Weber, Instructor, Cardiology
Shear-responsive miR-155 Regulates Endothelial Cell Phenotype and Function

28. Tiana V. Curry-McCoy, Postdoctoral Fellow, Pulmonary
Alcohol Modulates the Expression and DNA Binding of Kruppel-like Transcription Factor 4 in Alveolar Cells

29. Angelica Amanso, Postdoctoral Fellow, Cardiology
Molecular Regulation of Nox4 Expression