Please join us on <u>April 20, 2017</u> for this one-day event



SCHEDULE

9:00-9:15: Opening Remarks 9:15-11:30: Basic Science Symposium

10:15-10:30: Break

10:30-11:30: Morning Keynote

11:30-12:45: Poster Session and Lunch

12:45-1:00: Presentations by the ADA and JDRF

1:00-3:00: Clinical-Translational Science Symposium

1:00-2:00: Afternoon Keynote

3:00: Closing Remarks



BASIC SCIENCE SYMPOSIUM

Rick Dobrowsky, PhD 9:15 – 9:45 Professor, Department of Pharmacology and Toxicology, University of Kansas

Dr. Dobrowsky's research focuses on the mechanisms and development of diabetic peripheral neuropathy. He will discuss the impact of hyperglycemia on specific growth factor signaling pathways in neurons and glia and the rate of demyelination and remyelination of peripheral nerves.



Mary Markiewicz, PhD 9:45 – 10:15 Assistant Professor, Department of Microbiology, Molecular Genetics and Immunology, KUMC

Dr. Markiewicz will discuss her research examining NKG2D ligand expression in the pancreas as a causative step in the development of autoimmune diabetes via engagement of NKG2D on CD8+ T cells.



Andrea Hevener, PhD 10:30 – 11:30 Professor of Medicine, David Geffen School of Medicine, UCLA

Dr. Hevener's research aims to identify cellular mechanisms that contribute to metabolic dysfunction and heightened disease susceptibility. She will discuss how reduced expression of the estrogen receptor promotes increased fat storage [and] obesity and insulin resistance.

INFORMATION

<u>REGISTRATION</u>: Registration is FREE, but space is limited to 150 participants.

Please register here.

LOCATION:

Hemenway Life Sciences and Innovation Center Beller Conference Center University of Kansas Medical Center

For further information, contact: Virginia Lewis vlewis@kumc.edu 913-588-2097

CLINICAL/TRANSLATIONAL SCIENCE SYMPOSIUM







Brian Finck, PhD1:00 – 2:00Associate Professor, Department of Internal Medicine, WashingtonUniversity School of Medicine

The research conducted in Dr. Finck's laboratory examines the molecular control of fatty acid metabolism with emphasis on obesity-related abnormalities in liver, heart, and skeletal muscle lipid metabolism.

Maureen A. Su, MD

2:00 - 2:30

Associate Professor of Pediatrics and Microbiology/Immunology, University of North Carolina

Dr. Su will discuss how cellular and epigenetic mechanisms control the immune response and likely play important roles in the development of Type 1 Diabetes.

Susana Patton, PhD Associate Professor, Department of Pediatrics, KUMC 2:30 - 3:00

Dr. Patton will discuss how her research examines the predictors of control and adherence in type 1 diabetes in early childhood.