Experimental Biology 2018  
Saturday, April 21st, 1:00-2:30 pm  
Room 27AB

AFMR SYMPOSIUM I

Symposium Title: Bench to Bedside Approaches to Human Disease

Session Description: Understanding the pathophysiology of human disease often requires a combination of approaches. In this symposium, participants will learn that preclinical and translational models can be successfully used to learn more about three human diseases. Participants will acquire a broad sense of the differences between approaches, as well as their benefits and pitfalls.

Learning Objectives:

- Compare pre-clinical and translational models of different human diseases and identify their strengths and weaknesses
- Describe how animal models of HIV can be used to identify underlying pathophysiology.
- Summarize how fibrinogen mutations may play a key role in preventing the resolution of pulmonary embolism

Organizer:
Cherry Wongtrakool, MD, Emory University School of Medicine

Chair:
Samantha Yeligar, PhD, MS, Emory University School of Medicine

Presentations:

Metabolic Comorbidities of Alcohol and SIV/HIV
Liz Simon, MVSc, PhD, LSU School of Medicine

Understanding Complications of HIV-1 using HIV-1 Transgenic Models
Roy L. Sutliff, PhD, Emory University School of Medicine

Connecting the Clots: From Acute Pulmonary Thromboembolism to Chronic Thromboembolic Pulmonary Hypertension
Timothy Morris, MD, UC San Diego School of Medicine