

UK Center for Clinical and Translational Science 13th Annual Spring Conference

1:45 - 3:15 pm: CCTS Scholar Presentations Session A

Thoroughbred 2

Victoria King, PhD, Session Chair

Career Development Director, Center for Clinical and Translational Science
Associate Professor, Division of Cardiovascular Medicine, Department of Internal Medicine
University of Kentucky

Romulo Albuquerque, MD, PhD, Sessions Co-Chair

Assistant Professor, Department of Ophthalmology and Visual Sciences
College of Medicine, University of Kentucky

1:45 pm: ***“Sexual Dimorphism in a Marfan Syndrome Mouse Model”***

Jeff Chen, PhD Candidate, MD/PhD Program, Department of Physiology, College of Medicine, CCTS TL1 Pre-Doctoral Trainee, University of Kentucky

2:00 pm: ***“Diet High in Fat and Salt Recapitulates the Type 2 Diabetes-Predictive Human Th17 Cytokine Profile in Mice”***

Madhur Agrawal, PhD, Post-Doctoral Scholar, Department of Pharmacology and Nutritional Science, College of Medicine, University of Kentucky

2:15 pm: ***“Neuroprotective Strategies following severe controlled cortical impact traumatic brain injury: lipid peroxidation-derived neurotoxic aldehyde scavenging and inhibition of mitochondrial permeability transition”***

Jacqueline R. Kulbe, PhD Candidate, MD/PhD Program, Department of Neuroscience, College of Medicine, Spinal Cord & Brain Injury Research Center, University of Kentucky

2:30 pm: ***“Remember Alzheimer’s Disease When Evaluating White Matter Hyperintensities as a Marker for Cerebral Small Vessels Disease”***

Omar M. Al-Janabi, MBChB, MS, Graduate Research Assistant, Department of Behavioral Science, College of Medicine, Sanders-Brown Center on Aging, University of Kentucky

2:45 pm: ***“Blood-Brain Partition Coefficient Correction Improves Gray-White Matter Contrast in Blood Flow Measurement in Mice”***

Scott W. Thalman, PhD Candidate, MD/PhD Program, College of Medicine, F. Joseph Halcomb III, MD Department of Biomedical Engineering, College of Engineering, University of Kentucky

3:00 pm: ***“Non-Contrast Retinal Video Processing for Visualization of Blood Flow”***

Paras Vora, Medical Student, College of Medicine, CCS TL1 Pre-Doctoral Trainee, University of Kentucky