Basic Science Oral Presentations

March 23, 10:30am, Fukushima Auditorium

Yuriy Loskutov, Cancer Cell Biology

Advisor: Elena Pugacheva

“Primary cilium points at LPA signaling as a novel therapeutic target in GBM”

Joshua Gross, Cellular and Integrative Physiology

Advisor: David Siderovski

“Regulator of G Protein Signaling-12 (RGS12) modulates ventral striatal dopamine function and behavioral responses to psychostimulant drugs of abuse”

Kayla Branyan, Exercise Physiology

Advisor: Paul Chantler

“Stroke is a fatty word! The crosstalk between the brain and adipose: Implications for Stroke”

Michelle Bedenbaugh, Cellular and Integrative Physiology

Advisor: Stan Hileman

“A High Percentage of Kisspeptin and GnRH Neurons are Colocalized with Neuronal Nitric Oxide Synthase in Prepubertal Female Sheep”

Tiffany Kornberg, Pharmaceutical and Pharmacological Sciences

Advisor: Liying Wang

“Potential role of amorphous silica coating in protection against nano-iron oxide induced iron homeostasis disruption”

Dudley McNitt, Immunology and Microbial Pathogenesis

Advisor: Slawomir Lukomski

“Identification of the Structural Loop Element of the Group A Streptococcal Scl1 Adhesin with Binding Capacity for Injured Host Tissue”

Stephanie Shumar, Biochemistry and Molecular Biology

Advisor: Roberta Leonardi

“Keeping Coenzyme A in Check: Establishing the Importance of Degradation in Maintaining Cellular Coenzyme A Levels”