MCIP Spring Retreat
Jesuit Retreat Center
(http://uccr.org/camp/jesuit-retreat-center)
Saturday, May 14 - Sunday, May 15, 2016

AGENDA

Saturday, May 14

10:00-11:00 am  Check-In @ Dining Hall (see map http://uccr.org/sites/uccr.org/files/jrc_facility.pdf)
11:00-11:15 am  Welcome (Dr. Baar, Seminar Committee Chair, & Dr. VandeVoort, MCIP Chair)
11:15-11:45 am  Pablo Juan Ross, UC Davis Assistant Professor Department of Animal Science “Understanding physiology using CRISPR/Cas9 in sheep, pig, and cow embryos”
11:45-12:00 pm  Nicholas Klug, “Diabetes and stroke: ion transport and signaling at the blood-brain barrier”
12:00-1:00 pm  LUNCH at Dining Hall
1:00-1:30 pm  Helen Raybould, Professor, Anatomy, Physiology & Cell Biology, “The role of the microbiota in regulation of physiological function”
1:30-1:45 pm  Pearl Chen, “Myotonia therapy through Nav channel slow inactivation”
1:45-2:00 pm  Alfred Yu, “Potential drug therapy in a mouse model of Leber's hereditary optic neuropathy”
2:00-2:15 pm  Break
2:15-2:30 pm  Cheryl Dykstra-Aiello, “In search of blood biomarkers for stroke diagnosis”
2:30-2:45 pm  Brittani Michelle Wood, “Calcium regulation of CaMKII mobility in cardiac myocytes”
2:45-3:15 pm  Luis Fernando Santana, Professor and Chair, Physiology and Membrane Biology, “Calcium handling within the normal and diseased myocardium”
3:15-3:30 pm  Break
3:30-4:15 pm  Guest Speaker, Dr. Akiko Hata, UCSF, “TGFβ- signaling and cardiovascular disease”
4:30-5:30 pm  Poster Session & Refreshments at Conference Center
5:30-7:00 pm  DINNER at Dining Hall
Sunday, May 15

8:00-9:00 am  BREAKFAST at Dining Hall

9:00-9:30 am  Hertzendorf Award Presentation – Nicholas Klug, “Re-examining "old" science with an open mind and new technology”

9:30-9:45 am  Phung Thai, “Mitochondrial dysfunction in heart failure”

9:45-10:00 am  Casey Boosalis, “The role of neuroinflammation in neurobehavioral deficits subsequent to tetramethylenedisulfotetramine (TETS)-induced status epilepticus”

10:00-10:10 am  Poster & Presentation Awards

10:15  Wrap Up & Student Activity