Research Talks

Friday, September 20th
North Campus, NG3 Auditorium

9:10 - 9:20am
Shayna Thomas-Jardin, Ph.D.
The integrated stress response pathway coordinately regulates immune checkpoint proteins in lung cancer

9:20 - 9:30am
Antonio Solano Avendano, M.D.
Radiation protection during fluoroscopically-guided interventions

9:30 - 9:40am
Yogesh Tak, Ph.D.
RNA: A Potential Cofactor for Tangling TAU in Tauopathies

9:40 - 9:50am
Beatriz Dias, Ph.D.
Sorting nexin 5 is necessary for MHC Class II antigen presentation and host defense against Mycobacterium tuberculosis infection.

11:10 - 11:20am
Yi Xiao, Ph.D.
Glioma initiation by mutant IDH1 is associated with GSX2 silencing and altered neural cell fate

11:20 - 11:30am
Giorgio Manferdelli, Ph.D.
The Effect of Anemia on the Mechanisms of Exercise Intolerance in Adults with HFpEF

11:30 - 11:40am
Prashant Pradhan, Ph.D.
Gain-of-function RNA Polymerase II partitioning is a shared feature of diverse oncogenic fusions

11:40 - 11:50am
Junyeon Won, Ph.D.
Associations of Central Arterial Stiffness with Brain White Matter Integrity and Gray Matter Volume Across the Adult Lifespan

1:15 - 1:25pm
Abhishek Kumar, Ph.D.
Mitochondrial cristae architecture remodeling by a novel dynamin superfamily-like pseudoenzyme

1:25 - 1:35pm
Qianqian Ding, Ph.D.
Base editing of a pathogenic actin mutation rescues the multisystemic smooth muscle dysfunction syndrome

1:35 - 1:45pm
Madhurima Chattopadhyay, Ph.D.
Molecular mechanism of Munc13-1 functions in neurotransmitter release

1:45 - 1:55pm
Md Torikul Islam, Ph.D.
Human osteosarcoma metastasis is limited by oxidative stress-induced ferroptosis

2:20 - 2:30pm
Dogan Can Kirman, Ph.D.
Discovering Novel Gene Associations to Retinal Health and Vision

2:30- 2:40pm
FNU Ruhar, Ph.D.
Protein design of a functional amyloid to tune memory formation

2:40 - 2:50pm
Yi Han, Ph.D.
Measuring T Cell Reactivity in Cancers by a T Cell Receptor-Antigen Foundation Model

2:50 - 3:00pm
Sepideh Hamzehlou, Ph.D.
RUNX2: beyond bone and into skin