

2019 Iowa Microscopy Symposium

Wednesday, October 2nd, 1117 MERF

University of Iowa



- 8:00-9:00 **Registration**, Sign in (no fee!), refreshments, receive Art in Science ballot
- 9:00-9:05 **Welcoming Remarks**, Tom Moninger, IMS President
- 9:05 **Donna Hammond**, PhD, Professor, Anesthesia, UI
"Mechanistic Studies of Nicotinamide Riboside's Ability to Suppress Chemotherapy-induced Peripheral Neuropathy"
- 9:30 **Ryan Robinson**, PhD, Leica Microsystems Applications Specialist
"Updating the Donut: Recent Advancements in STED Microscopy for Nanoscale Imaging"
- 10:00 **Keyan Zarei**, MSTP Student, Internal Medicine, UI
"Studying Cystic Fibrosis Hepatobiliary Disease Using an Organoid Model"
- 10:45 **Mason Sweat**, Graduate Student, Anatomy and Cell Biology, UI
"Transgenic PMIS-miR-200 Mice Demonstrate New Mechanisms for Lung, Heart and Tooth Stem Cell Homeostasis"
- 11:15 **Dipali Sashital**, PhD, Associate Professor, Department of Biochemistry, Biophysics and Molecular Biology, ISU
"Structural Studies of CRISPR-Cas Complexes by Single-particle Electron Microscopy"
- 12:00 Free Lunch in MERF atrium, visit Vendor displays
Be sure to vote in the Iowa Art in Science Contest by end of lunch break!
- 1:00 **Antenor (AJ) Hinton**, PhD, Postdoctoral Research Fellow, Internal Medicine, UI
"A Pragmatic Approach to Standardizing Ultrastructure Morphology in Cell Culture and Tissue"
- 1:30 **Sam Stephens**, PhD, Assistant Professor, Internal Medicine, UI
"Regulation of Insulin Granule Trafficking in the Islet β -cell"
- 2:00 **Announcement of Art in Science Contest Winners**