

2018 Iowa Microscopy Society Fall Meeting

Wednesday September 26th, 283 EMRB

University of Iowa



- 8:00-9:00 **Registration**, Sign in (no fee!), refreshments, receive Art in Science ballot and free gift!
- 9:00-9:05 **Welcoming Remarks**, Tom Moninger, IMS President
- 9:05 **Isabella Grumbach**, Professor, Internal Medicine, UI
"Mitochondria on the move: How Mitochondrial Ca²⁺ Uptake Controls Cell Migration"
- 9:30 **Lynda Ostedgaard**, Associate Professor, Internal Medicine, UI
"Confocal Microscopy-A New Look at Secreted Airway Mucus"
- 10:00 **Sarit Smolikove**, Associate Professor Biology, UI
"Dissecting the early DSB repair response in the C. elegans germline"
- 10:45 **Michaela Fosdick**, Graduate Student, Molecular Medicine, UI
"Effects of Glycerol Monolaurate on Lymphocyte Activation"
- 11:15 **Jeff Salisbury**, Professor, Biochemistry and Molecular Biology, Mayo Clinic, Rochester, MN
"3-Dimensional Electron Microscopy for Understanding Human Disease Processes"
- 12:00 Free Lunch in EMRB atrium, visit Vendor displays
Be sure to vote in the Iowa Art in Science Contest by end of lunch break!
- 1:00 **Jessica Sieren**, Assistant Professor, Radiology, UI
"The 3D X-ray Microscope System: Nondestructive Macro- to Micro-Imaging"
- 1:30 **Robert Passeri**, Midwest Sales Manager, Hitachi High Technology,
"Proper Sample Preparation for Biological & Materials for both TEM & SEM Microscopy"
- 2:00 **Fatima Toor**, Asst. Professor, Electrical and Computer Engineering, UI
"Electron and Confocal Microscopy for Designing High Performance Biosensors and Mid-infrared Light Emitters"
- 2:30 Closing Remarks, Announcement of Iowa Art in Science Contest Winners