



# OMS 2020 SPRING MEETING AGENDA



**DATE: March 6<sup>th</sup>, 2020**  
**University of Oklahoma**  
**Thurman J White Forum Building**  
**Norman OK**

8:00 – 9:00 Reception and Registration

9:00 – 9:15 Open Ceremony Speeches

Introducing OMS by President of OMS: Dr. Tingting Gu

Associate Vice President of OU: Dr. Ann West

9:15 – 10:15 **1<sup>st</sup> Keynote Speaker: Dr. Josep Rizo**, UTSW Medical Center, Dallas TX

*On the importance of inhibitory interactions for the exquisite regulation of neurotransmitter release*

10:15 – 10:40 Morning coffee break (OMS Student Best Micrograph Contest voting)

10:40 – 11:00 **Tech talk:** John Mastovich, Bruker Nano Inc

*Micro-XRF for SEM... a complementary approach for EDS analysis in the SEM*

11:00 – 11:20 **Student talk:** Nathan Donahue, OU

*Characterizing and Fine-tuning Nanomaterials for Biomedical Applications*

11:20 – 11:40 **Tech talk:** David Castaneda, Miltenyi Biotec. Inc

*Exploring the Architecture of Biology with Tissue Clearing and Light Sheet Microscopy*

12:00 – 1:30 Lunch break (Continue voting for Student Best Micrograph Contest)

12:30 – 1:15 OMS business meeting

1:30 – 2:30 **2<sup>nd</sup> Keynote Speaker: Dr. Roger Mailler**, University of Tulsa, Tulsa OK

2:30 – 2:50 **Tech talk:** Matthew Mitschelen Nikon Inc

*Diffraction-(un)limited: Fundamentals of STORM Super-resolution*

2:50 – 3:10 **Student Talk:** Mehrnoush Nourbakhsh-Rey, OU

*Metabolism Sensing Mechanisms in the Electric Organ Cells of a Weakly Electric Fish*

3:10 - 3:30 **Tech talk:** Bell Matthew Nexus LLC in collaboration with Nanolive SA

*Label-free 3D Live Cell Imaging in Drug Discovery: Introducing the CX-A, saying good bye to phototoxicity and end point assays*

3:30 – 4:30 Coffee /snack break

(Poster judge / Micrograph contest judge / Mixer with Exhibitors)

4:30 – 5:00 Awards Ceremony and Closing remarks

**Please stay and join our wonderful outreach event at 6:00 – 8:00 Kids night with Microscopes**

For any question please contact Dr. Tingting Gu (Tingting.Gu-1@ou.edu).