

2021/22 seminars

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Tuesday, November 9, 2021

Dr. Jadranka Loncarek (NCI/NIH) "Combining various super resolution approaches to decipher centrosome organization"

Tuesday, December 14, 2021

Dr. Boyang Hua (Johns Hopkins Med Sch) "Monitoring co-transcriptional mRNA folding in real time with smFRET"

Tuesday, January 18, 2022

Dr. Matthew Ferguson (Boise State U) "Real Time SM Live Cell Measurements of Gene Activation by 3D Orbital Tracking FCCS"

Tuesday, February 15, 2022

Dr. Stephen Boppart (U. Illinois) "Biomarkers of cancer imaged using simultaneous label-free auto-fluorescence multi-harmonic (SLAM) microscopy"

Tuesday, March 15, 2022

Dr. David Nesbitt (U. Colorado, Boulder) "Squeezing and crowding studies of RNA folding at high pressure: "Raising the bar" for single molecule microscopy "

Tuesday, April 19, 2022

Dr. Michael Halter (NIST) "Quantitative live imaging of pluripotent stem cells to probe gene regulatory networks"

Tuesday, May 17, 2022

Dr. Carsen Stringer (HHMI, Janelia) "Cellpose and Suite2p: generalist anatomical and functional segmentation tool"

Tuesday, June 21, 2022

Dr. Yihan Wan (NIH/NCI) "Dynamic imaging of nascent RNA reveals general principles of transcription dynamics and stochastic splice site selection"

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