Annual Symposium – Friday, February 8th, 2019

John Edward Porter Neuroscience Research Center
National Institutes of Health, Bldg. 35A, Room 620/630

9:30 – 10:00  Registration, badge pickup, speaker A/V check

Session 1  chair: Dan Larson
10:10 – 10:30  Eros Lazzerini Denchi, NCI
“Setting Boundaries: How Cells Keep Telomeres in Check”
10:30 – 10:50  Shuo Gu, NCI
“Structural Differences Between Pri-miRNA Paralogs Promote Alternative Drosha Cleavage and Expand Target Repertoires”
10:50 – 11:10  Jon Dinman, UMD
“From too few to too many cells: solving Damashek’s Riddle”
11:10 – 11:30  Wojciech Czaja, UMD
“Blended Learning with Scattering Networks”
11:30 – 11:50  Joana Vidigal, NCI
“Small RNAs go a long way: genetic tools to study miRNA functions in mammals”
11:50 – 2:00 Lunch and poster session

Session 2  chair: Doron Levy
2:00 – 2:20  Giuliano Scarcelli, UMD
“Brillouin microscopy for cell and tissue biomechanics”
2:20 – 2:40  Peter Choyke, NCI
“Tracking cells in the body: Using PET tracers to monitor cell trafficking”
2:40 – 3:00  Gregg Duncan, UMD
“Overcoming the mucus barrier to inhaled gene therapy”
3:00 – 3:20  Ming Lin, UMD
"Individualized Analysis of Tissue Elasticity for Cancer Screening and Staging"
3:20 – 3:40  Harshad Vishwasrao, NIBIB
“Tumor heterogeneity and targeted therapy resistance”

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