

# Partnership for Integrative Cancer Research

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”

For more information, contact [dan.larson@nih.gov](mailto:dan.larson@nih.gov), [dlevy@umd.edu](mailto:dlevy@umd.edu), [gregoire.altan-bonnet@nih.gov](mailto:gregoire.altan-bonnet@nih.gov), [wlosert@umd.edu](mailto:wlosert@umd.edu)