

PSOC @ Penn Public Symposium





Wednesday March 14th, 2018

Singh Center Glandt Forum

Krishna P. Singh Center for Nanotechnology
3205 Walnut Street
Philadelphia, PA 19104

	<p><u>12.45 – 1.00</u></p> <p>Welcome & Introductions</p> <p>Dennis Discher, PhD <i>Robert D. Bent Professor in SEAS, Grad Grps in Physics, Cell Mol Biol. at UPenn</i> <i>Lead PI of the NCI Phys Sci Oncology Ctr @ Penn (PSOC@Penn)</i></p>
	<p>Maria Frizelle Roberts, RN, MPH <i>Patient Advocate & President & Chief Executive Officer of MFR Consultants, Inc.</i></p>
	<p><u>1.00 – 1.45</u></p> <p>Keynote Talk</p> <p>“The molecular mechanism underlying the mechanically controlled epithelial-mesenchymal transition (EMT)”</p> <p>Andre Levchenko, PhD <i>John C. Malone Professor of Biomedical Engineering</i> <i>Director of Yale University U54 - NCI Cancer Systems Biology Consortium (CSBC)</i></p>

	<p><u>1.50 – 2.35</u></p> <p>“Control of cell morphology and differentiation by substrates with independently tunable elasticity and viscous dissipation”</p> <p>Rebecca Wells, MD Paul Janmey, PhD Vivek Shenoy, PhD</p> <p><i>Professor of Medicine (GI) and Pathology and Laboratory Medicine & Bio Eng’g, School of Medicine, UPenn.</i> & <i>Professor of Physiology, IME, University of Penn,</i> & <i>Professor of Material Science Eng’g, Mechanical Eng’g & Bio Eng’g, University of Penn</i></p> <p><i>PI’s of Core-1 & Project-1 of PSOC@Penn</i> & <i>Co-PI of Core-2</i></p>
	<p><u>2.40 – 3.00</u></p> <p>“A genome-wide method for identifying phenotypically distinct rare cancer cell populations”</p> <p>Arjun Raj, PhD</p> <p><i>Associate Professor of Bio Eng’g, SEAS, University of Penn</i> <i>PI of Pilot Project of PSOC@Penn</i></p>
	<p><u>3.00- 3.15</u></p> <p>Coffee Break</p> <p>Help greet Patient Advocate Maria Frizelle Roberts</p>

	<p>Session Moderator: David Kaplan, MD <i>Associate Professor of Medicine at the VA Medical Center, Department of Medicine, University of Penn</i> Co-PI of Core1</p>
	<p><u>3.15 – 4.00</u> “Understanding biased signaling by growth factor receptor tyrosine kinases” Mark Lemmon PhD, FRS <i>David A. Sackler Professor of Pharmacology; Co-director, Cancer Biology Institute, Yale University School of Medicine; Co-Director of Yale University Cancer Biology Institute, Co-PI of Project-2 of PSOC@Penn</i></p>
	<p><u>4.05 – 4.50</u> “Tumor-derived Exosomes Mediates Immunosuppression and Is associated with Patient Response to anti-PD-1 Immunotherapy” Wei Guo, PhD <i>Professor of Biology, SAS, University of Penn, Co-PI in Project-2 of PSOC@Penn</i></p>
	<p>Session Moderator: Ravi Radhakrishnan, PhD <i>Professor of Bioeng’g, Chem.Biomol Eng’g, and Biophys & Biochem , University of Penn</i> PI of Project-2</p>

	<p><u>4.55 – 5.15</u> “Mitotic progression following DNA damage enables pattern recognition within micronuclei” Shane Harding, PhD <i>Postdoctoral fellow in Roger Greenberg group, Professor of Cancer Biology, SOM, University of Penn, and Co-PI of Project-3 of PSOC@Penn</i></p>
	<p><u>5.15 – 5.35</u> “DNA Damage Follows Repair Factor Depletion and Portends Genome Variation in Cancer Cells after Pore Migration.” Jerome Irianto , PhD <i>Postdoctoral fellow in Dennis Discher group, PI of Project-3 of PSOC@Penn</i></p>
	<p><u>5.35 – 5.55</u> “Optogenetic control of nuclear body assembly in telomerase-free cancer cells.” Huaiying Zhang , PhD <i>Postdoctoral fellow in Mike Lampson group, Associate Professor of Biology, SAS, University of Penn, and PI of Pilot Project of PSOC@Penn</i></p>
	<p><u>6.00 – 6.30</u> “Hypoxia, low pH and tumor microenvironment heterogeneity” Chi Van Dang , MD-PhD <i>Professor, Molecular & Cellular Oncogenesis Program, Wistar Institute, Philadelphia. PI of Pilot Project of PSOC@Penn</i></p>
<p>6.30 – 8.00</p>	<p>Reception & Poster Session Lobby first floor</p>