

The Big in Big Data: Breakthrough Discoveries, Disease Disparities, and Precision Medicine
Wednesday, November 7, 2018 - Thursday, November 8, 2018

<i>Wednesday, November 7, 2018</i>		
6:00PM - 7:00PM	<i>Buffet Dinner</i>	
7:00PM - 7:15PM	Opening Remarks	Isidore Rigoutsos, PhD / Director, Computational Medicine Center Mark Tykocinski, MD / Provost, and Dean Sidney Kimmel Medical College
7:15PM - 8:00PM	Keynote presentation: Advancing Cancer Disparities Research: Opportunities for Big Data, Translational Research, and Precision Medicine	Tiffany Wallace, PhD / Center to Reduce Cancer Health Disparities, NCI, NIH
<i>Thursday, November 8, 2018</i>		
7:00AM	<i>Continental Breakfast</i>	
7:45AM - 8:00AM	Welcome & Introductions	Mark Tykocinski, MD / Provost, and Dean Sidney Kimmel Medical College
8:00AM - 8:30AM	Personalized MicroRNA Therapy for Cancer	Frank Slack, PhD / Beth Israel Deaconess Medical Center, Harvard University
8:30AM - 9:00AM	Towards a Complete Characterization of the Human MicroRNAome	Eric Londin, PhD / Computational Medicine Center, Thomas Jefferson University
9:00AM - 9:30AM	TBD	Katherine Sherif, MD / Department of Medicine, Thomas Jefferson University
9:30AM - 10:00AM	<i>Coffee Break</i>	
10:00AM - 10:30AM	About Chomsky, Genomic Immunity, and Cancer Patients	George Calin, MD, PhD / Department of Experimental Therapeutics, MD Anderson Cancer Center
10:30AM - 11:00AM	Lung Cancer Health Disparities and Precision Medicine	Brid Ryan, PhD, MPH / Laboratory of Human Carcinogenesis, NCI, NIH
11:00AM - 11:30AM	Big Data on Small Things: Using Single-Cell Transcriptomics and miRNA Profiling to Understand Human Development	Louise Laurent, MD, PhD / Department of Reproductive Medicine, UC San Diego School of Medicine
11:30AM - 12:00PM	Cyclic-phosphate-containing RNAs as a Hidden Layer of Transcriptome Dysregulated Diseases	Yohei Kirino, PhD / Computational Medicine Center, Thomas Jefferson University
12:00PM - 1:30PM	<i>Lunch</i>	
1:30PM - 2:00PM	Mitochondrial Polymorphisms as Predictors of Disparities in Metastasis Efficiency and Therapeutic Efficacy?	Danny Welch, PhD / Department of Cancer Biology, Kansas University Medical Center
2:00PM - 2:30PM	Nuclear and Mitochondrial Short Non-coding RNAs that Depend on Sex, Population Origin, and Race are Linked to Key Pathways	Isidore Rigoutsos, PhD / Director, Computational Medicine Center, Thomas Jefferson
2:30PM - 3:00PM	Multiscale Neuroscience and Genetic Liability to Neuropsychiatric Disease	Panagiotis Roussos, MD, PhD / Department of Neuroscience, Icahn School of Medicine at Mount Sinai
3:00PM - 3:30PM	<i>Discussion</i>	All Speakers
3:30PM	Closing Remarks/Departure	

For more information, or to register, visit: <https://cme.jefferson.edu/content/CMC2018>