

# CBMS JC 2016-2017

Date	Speaker/Faculty	Title of Paper
<b>August</b>		
<b>30-Aug</b>	Ray Blind	The Basal Transcription Complex Component TAF3 Transduces Changes in Nuclear Phosphoinositides into Transcriptional Output
<b>September</b>		
<b>6-Sep</b>	Todd Graham	Autoubiquitination of the Hrd1 Ligase Triggers Protein Retrotranslocation in ERAD.
<b>13</b>	Tom Stricker	High-throughput Phenotyping of Lung Cancer Somatic Mutations
<b>20</b>	Kathy Gould	Cyclin-dependent kinase1-dependent activation of APC/C ubiquitin ligase
<b>27</b>	Donna Webb	Local 3D matrix microenvironment regulates cell migration through spatiotemporal dynamics of contractility-dependent adhesions
<b>October</b>		
<b>4-Oct</b>	Bill Tansey	G-quadruplex structures mark human regulatory chromatin
<b>11</b>	Seth Bordenstein	<b>1st Paper:</b> Wolbachia Blocks Currently Circulating Zika Virus Isolates in Brazilian Aedes aegypti Mosquitoes, <b>2nd Paper:</b> The wMel strain of Wolbachia Reduces Transmission of Zika virus by Aedes aegypti
<b>18</b>	Julie Sterling	Osteoclasts control reactivation of dormant myeloma cells by remodelling the endosteal niche
<b>25</b>	Maulik Patel	Transfer of mitochondria from astrocytes to neurons after stroke
<b>November</b>		
<b>1-Nov</b>	Ron Emeson	High-Throughput Mapping of Single-Neuron Projections by Sequencing of Barcoded RNA
<b>8</b>	David Miller	Epidermis-Derived Semaphorin Promotes Dendrite Self-Avoidance by Regulating Dendrite-Substrate Adhesion in Drosophila Sensory Neurons
<b>15</b>	Jim Goldenring	Replication of human noroviruses in stem cell-derived human enteroids
<b>22</b>	Thanksgiving Week	

<b>29</b>	Neil Osheroff	Physical Proximity of Sister Chromatids Promotes Top2-Dependent Intertwining
<b>December</b>		
<b>6-Dec</b>	Dan Moore	Self-Antigen-Driven Thymic B Cell Class Switching Promotes T Cell Central Tolerance
<b>13</b>	Kevin Schey	NeuCode Proteomics Reveals Bap1 Regulation of Metabolism
<b>January</b>		
<b>10-Jan</b>	Dave Cortez	<b>1st Paper:</b> Regulated eukaryotic DNA replication origin firing with purified proteins, <b>2nd Paper:</b> Chromatin Controls DNA Replication Origin Selection, Lagging-Strand Synthesis, and Replication Fork Rates.
<b>17</b>	Eric Skaar	Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinson's Disease.
<b>24</b>	Gregor Neuert	Real-time quantification of single RNA translation dynamics in living cells.
<b>31</b>	Marija Zanic- CANCELLED	
<b>February</b>		
<b>7-Feb</b>	Ela Knapik	Lysosomal Disorders Drive Susceptibility to Tuberculosis by Compromising Macrophage Migration
<b>14</b>	Peggy Kendall	Mass Spectrometry-Based Visualization of Molecules Associated with Human Habitats
<b>21</b>	Matt Tyska- CANCELLED	
<b>28</b>	Jonathan Irish	Systemic Immunity Is Required for Effective Cancer Immunotherapy.
<b>March</b>		
<b>7-Mar</b>	Barbara Fingleton	Genomic deletion of malic enzyme 2 confers collateral lethality in pancreatic cancer
<b>14</b>	Wenbiao Chen	Fasting-Mimicking Diet Promotes Ngn3-Driven $\beta$ -Cell Regeneration to Reverse Diabetes
<b>21</b>	Rebecca Ihrle	Tumor-homing cytotoxic human induced neural stem cells for cancer therapy

28	Kathy Friedman	<b>1st Paper:</b> Somatic mutations in telomerase promoter counterbalance germline loss-of-function mutations, <b>2nd Paper:</b> Cancer-associated TERT promoter mutations abrogate telomerase silencing.
<b>April</b>		
4-Apr	Jared Nordman- CANCELLED	
11	Jeff Rathmell	Inhibition of the Glycolytic Activator PFKFB3 in Endothelium Induces Tumor Vessel Normalization, Impairs Metastasis, and Improves Chemotherapy
18	Alissa Weaver -CANCELLED	
25	Jim Crowe	Modified mRNA Vaccines Protect against Zika Virus Infection