

Schedule of Events

8:15 am	Registration & Breakfast Please check-in at the Registration table prior to entering Bret Harte Hall & Breakfast	Session 2: Apple Vollmers, MCDB, Moderator	
9:00 am	Opening Remarks & Brief Overview of the Day	10:40 am	<u>New Faculty</u> Intergenerational epigenetic inheritance via sperm small RNAs Upasna Sharma, MCDB
Session 1: Seth Rubin, CB3, Moderator		11:00 am	ADD-Seq: where the duct are the nucleosomes!? Brandon Saint-John, Brooks Lab, BMEB
9:10 am	Noncoding RNAs in development and disease Roman Reggiardo, Kim Lab, BMEB	11:10 am	Quality control of gene expression in <i>C. elegans</i> Joshua Arribere, Arribere Lab, MCDB
9:20 am	WGS reveals RB1 as a potential ALT driver David Haan, Stuart Lab, BMEB	11:20 am	Multidimensional chemical mapping of telomerase RNA Christina Palka, Stone Lab, CB3
9:30 am	A toolkit for studying transcriptional control in <i>C. elegans</i> development Guin Ashley, Ward Lab, MCDB	11:30 am	What can you do with 100,000 tRNAs? Brian Lin, Lowe Lab, BMEB
9:40 am	Chasing Mavericks: The quest for defining developmental waves of hematopoiesis Taylor McCann, Forsberg Lab, BMEB	11:40 am	Property based selection of membrane permeable macrocyclic scaffolds in a DNA-encoded library Grant Koch, Lokey Lab, CB3
9:50 am	Synchronize your watches! Mechanisms of cooperativity in a molecular clock from cyanobacteria. Jeff Swan, Partch Lab, CB3	11:50 am	A new role for KIN17 in splice site choice Jessie Lopez, Zahler Lab, MCDB
10:00 am	The <i>Helicobacter pylori</i> biofilm involves a multi-gene stress-based response and a structural role for flagella Skander Hathroubi, Ottemann Lab, MICRO	12:00 pm	The effects of SF3B1 inhibitor on the U2 snRNP Adriana Lopez, Jurica Lab, MCDB
10:10 am	Proteolytically resistant prion protein retains biophysical properties while generating toxicity in cells Graham Roseman, Millhauser Lab, CB3	12:10 pm	Lunch & Poster Session
10:20 am	Break. Poster presenters hang posters		

Session 3: Scott Lokey, CB3, Moderator		Session 4: Karen Otteman, MICRO, Moderator	
2:00 pm	Keynote Talk: Chemical biology of microtubules Prof. Tim Mitchison, Harvard University	4:00 pm	New Faculty Bioinorganic Chemistry and Nanoparticle Drug Delivery Tim Johnstone, CB3
3:00 pm	Data mining Wolbachia genomes Paloma Medina, Corbett Lab, BMEB	4:20 pm	Full-length cDNA sequencing Roger Volden, Vollmers Lab, BMEB
3:10 pm	Structural and mechanistic characterization of human astrovirus antibodies Lena Meyer, Dubois Lab, CB3	4:30 pm	How do cells deal with worst case scenarios: dividing with broken chromosomes? Brandt Warecki, Sullivan Lab, MCDB
3:20 pm	Mapping ancient ancestry using the ancestral recombination graph Nathan Schaefer, Green/Shapiro Lab, BMEB	4:40 pm	Altered positional specificity of 15-Lipoxygenase creates novel pathways for production of pro-resolving mediators Steven Perry, Holman Lab CB3
3:30 pm	Goldilocks and the Three NOTCH2NLs Colleen Bosworth, Haussler/Salama Lab, BMEB	4:50 pm	Exploring deep neural networks structure and scale for genetic variant diversity Kishwar Shafin, Patten Lab, BMEB
3:40 pm	Break	5:00 pm	Determining the biological mechanisms underlying photoarsenotrophy Sanjin Menhic, Saltikov Lab, Micro
		5:10 pm	Closing Remarks
		5:20 pm	Cocktails
		6:00 pm	Dinner
		7:00 pm	Dancing