

MBB Graduate Colloquium - April 25 2014 at IRMACS

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	8:20-8:45	Registration	
Talk Session 1	8:45-8:50	Opening remarks	Lyssa Martin
	8:50-8:57	Design and development of a compact Centrifuge Force Microscope	Mike Kirkness (Forde Lab)
	8:57-9:15	Evidence for a nuclear role of <i>C. elegans</i> HAM-1 protein	Khang Hua (Hawkins Lab)
	9:15-9:33	Genetics and molecular analysis of transcriptional regulation of ciliopathy gene <i>dyf-5</i> /MAK	Zhaozhao Qin (Chen Lab)
	9:33-9:40	Investigations into an active site residue, threonine 712, of the blotched snakehead virus protease, VP4	Mike Ungerer (Paetzel Lab)
	9:40-9:58	High-Content Screening of a Deep Sequenced Metazoan Mutant Library to Reveal Novel Factors for Sensory Neuron Function	Tiffany Timbers (Leroux Lab)
	9:58-10:18	Coffee Break	
Talk Session 2	10:18-10:36	On the Importance of Evaluating Bioinformatics Methods – A Metagenomics Analysis Example	Micheal Peabody (Brinkman Lab)
	10:36-10:54	Use of metagenomic DNA sequencing technologies to identify markers of water quality	Thea Van Rossum (Brinkman Lab)
	10:54-11:01	Mannose-binding lectin as a factor in the elicitation of neutralizing antibodies specific for oligomannose glycans on HIV gp120	Timothy Crowe (Pantophlet Lab)
	11:01-11:19	Ras activated Dsor1 promotes Wnt signaling in <i>Drosophila</i> development	Eric Hall (Verheyen Lab)
	11:19-11:37	The role of Bro1 domain-containing protein Myopic in endosomal trafficking of Wnt/Wingless	Tirthadipa Pradhan-Sundd (Verheyen Lab)
	11:37-11:44	Expand the choice on restriction enzymes: cloning by partially complimentary stick ends.	Ziwei Ding (Lab Technician)
	11:44-12:34	Lunch	
Talk Session 3	12:34-12:52	RNA Mango: a system to visualize RNA in live-cells in real-time	Sunny Jeng (Unrau Lab)
	12:52-12:59	Synthesis and Analysis of Dye Variants for the RNA Mango Aptamer-Dye RNA Tracking System	Razvan Cojocaru (Unrau Lab)
	12:59-1:17	Integrins regulate the pace of morphogenesis via microtubule stabilization in the <i>Drosophila</i> eye	Vilaiwan Fernandez (Verheyen Lab)
	1:17-1:34	Evaluation of Vaccines that Elicit Antibodies Targeting the Membrane Proximal External Region of HIV-1 gp41	Naveed Gulzar (Scott Lab)
	1:34-1:53	The epileptic gene, EFHC1, modulates dopamine levels to regulate habituation in <i>C. elegans</i>	Catrina Loucks (Leroux Lab)
	1:53-2:10	Coffee Break	
Keynote Address	2:10-3:20	Motivated by moth muscle: models and measurements of myriad molecular motors -- new directions in force generation.	Dr. Tom Daniel (U. of Washington)
	3:20-3:40	Coffee Break	
Posters	3:40-4:35	Poster session A (ASB Atrium)	"A" posters
	4:35-5:30	Poster session B (ASB Atrium)	"B" posters
		Break	
Dinner	5:45-8:00	Dinner and prize announcements (Highland Pub)	