

BIOS2017

MECHANOBIOLOGY INSTITUTE | T-LAB, LEVEL 5 SEMINAR ROOM
5A ENGINEERING DRIVE, NATIONAL UNIVERSITY OF SINGAPORE

09:15-09:30 Linda Kenney Welcome Address

SESSION I (STUTI DESAI, CHAIR)

09:30-10:00	Bindu Sukumaran	The NLRP3 inflammasome contributes to host protection and immunopathology associated with clinically relevant <i>A. baumannii</i> infection
10:00-10:30	Veronique Angeli	Homeostatic vascular function of LYVE-1 expressing macrophage
10:30-10:45	Eugenia Ong	Preclinical evaluation of VIS513, a therapeutic antibody against dengue virus, in non-human primates
10:45-11:15	Coffee Break	

SESSION II (MINNAH THOMAS, CHAIR)

11:15-11:45	Karen Crasta	The senescence paradox in anti-mitotic chemotherapy
11:45-12:15	Huili Guo	Ribosome heterogeneity and translational control
12:15-12:45	Hongyan Wang	An intrinsic mechanism controls reactivation of neural stem cells
12:45-13:00	Rupambika Das	Microfabrication of 3D printed devices for cardiac tissue engineering
13:00-14:15	Lunch	Poster & Exhibition Booths (L'Oréal & Elsevier)

SESSION III (LU XUYAO, IRIS AND RISHITA CHANGADE, CHAIRS)

14:15-14:45	Yvonne Tay	A microRNA/gene/pseudogene network regulates prostate cancer tumorigenesis
14:45-15:15	Antonia Monteiro	The developmental origin of a complex novelty: Butterfly eyespots
15:15-15:30	Kriti Sethi	RHO-1 GEFs RHGF-1 and UNC-73 promote actomyosin contractility in the <i>C. elegans</i> spermatheca
15:30-15:45	Yang Bo	Fixing the faulty rigidity sensing machine in the transformed cells
15:45-16:00	Coffee Break	
16:00-16:45	Clare M Waterman	Keynote: Integrating actin dynamics and adhesion in cell migration
16:45-17:00	Sarah Huggett	Elsevier: Gender in the global research landscape
17:00-18:00	Panel discussion	Gender gaps in Science Panelists: Clare M Waterman, Vandana Ramachandran, Bindu Sukumaran, Antonia Monteiro, Huili Guo, Yvonne Tay, Sarah Huggett
18:00-	Concluding Remarks	

To follow at L10, MBI, T-Lab, Happy Hour & dinner, *Gender Bender* photo display