

# inStem Annual Review of Research, 2018

Venue for talks: Dasher Auditorium, Southern Lab Complex

**Monday 26 February, 2018**

Time	Speaker	Title
900-915		Welcome & Announcements
915-11.00	Centre for Neurodevelopmental Synaptopathies (CNS)	Presentation on programme
1100-1130	Break	
1130-1215	Marco Foiani, <i>IFOM - the FIRC Institute of Molecular Oncology, Milan</i>	Mechanisms controlling nuclear plasticity
1215-1255	Ashok Venkitaraman Centre for Chemical Biology & Therapeutics (CCBT)	Intervention in cancer through the tumour suppressive mechanisms that control genome stability
100-215	LUNCH SAB, Faculty, Invitees	First Floor Main Canteen Scheduled meetings (to be circulated)
200-400	POSTERS (Session1) & Tea	Colonnade
230-400	CNS Investigators discussion with SAB	Safeda, Second Floor SLC
400-430	Praveen Vemula, Technologies for the Advancement of Science (TAS)	Prophylactic technologies to prevent pesticide-induced toxicity and mortality
430-500	Dasaradhi Palakodeti, TAS	Integrated approaches to study brain-eye regeneration in planarians
500-530	Akash Gulyani, TAS	Sensors and probes for cell signaling, heterogeneity and dynamics
545-700	POSTERS (Session 2)	Colonnade
715	DINNER SAB, Faculty, Invitees	First Floor Main Canteen

## Tuesday 27 February, 2018

Time	Speaker	Title
900-910	Colin Jamora, Centre for Inflammation & Tissue Homeostasis (CITH)	Introduction
910-940	Shravanti Deshpande CITH	Distinct fibroblasts lineages are defined by global methyl marks
940-1010	Srikala Raghavan CITH	Role of Mechanotransduction in Maintaining Stem Cell Quiescence in Mouse Skin
1010-1030	Colin Jamora, CITH, IFOM-inStem JRL	Stimulation of hair follicle stem cell proliferation in wounded skin by $\gamma\delta$ T- cells
1030 - 1100	Break	
1100-11.30	Dhandapany Perundurai, Centre for Cardiovascular Biology & Disease (CCBD)	Functional genomics of cardiomyopathy
1130-1200	Minhaj Sirajuddin, CCBD	Structure and function studies of sarcomere proteins implicated in cardiomyopathies
1200-1240	Sudipto Roy <i>Institute of Molecular &amp; Cell Biology, Singapore</i>	Hedgehog, Cilia and Polycystic Kidney Disease
1245-200	LUNCH SAB, Faculty, Invitees	First Floor Main Canteen Scheduled meetings (to be circulated)
215-500	POSTERS (Session 3) & Tea	Colonnade
215-445	CITH Investigators, discussion with SAB	Safeda, Second Floor SLC
500-545	Alejandro S Alvarado <i>Stowers Institute for Medical Research, USA</i>	Understanding the source of regenerative capacity in animals
600-700	Meetings (schedule to be circulated)	
700	DINNER SAB, Faculty, Invitees	First Floor Main Canteen

## Wednesday 28 February, 2018

Time	Speaker	Title
0900-0930	Sunil Laxman, Regulation of Cell Fate (RCF)	Building complexity: organization into metabolically specialized communities with division of labor within isogenic cell populations
0930-1000	Arjun Guha, RCF	Negative regulation of G2-M by ATR /Chk1 facilitates tracheoblast growth and tracheal hypertrophy in <i>Drosophila</i>
1000-1030	Tina Mukherjee, RCF	Metabolic control of immune-competency by odors in <i>Drosophila</i>
1030-1100	Break	
1100-1140	Alok Srivastava Centre for Stem Cell Research, CMC Vellore	Accelerating the application of Stem cell technology in Human Disease (ASHD): Blood Disorders
1140-1220	Mahendra Rao inStem	Accelerating the application of Stem cell technology in Human Disease (ASHD): Brain Disorders
1220-100	Jennifer Darnell <i>Rockefeller, USA</i>	Translational Control by FMRP: Targets and Mechanism
100-200	LUNCH SAB, Faculty, Invitees	inStem Cafeteria
200-430	POSTERS (Session 4)	Colonnade
200-300	Walkthrough - New Labs	SAB
300-500	SAB Meeting	Faculty Lounge, 2 <sup>nd</sup> Floor, SLC
500-530	Tea	Dasheri Lawns
530-600	Poster Awards	Dasheri Auditorium, SLC
600-645	Azim Surani <i>Wellcome Trust Cancer Research UK, Gurdon Institute, University of Cambridge</i>	Principles of early human development and the germline
700 -	DINNER SAB, Faculty, Invitees	First Floor Main Canteen
	Meeting Closes	