



<b>NCBS ANNUAL TALKS 2019: Language of Biology</b> <b>21-23 JANUARY 2019</b> <b>Dasheri Auditorium, live streaming to Haapus</b>			
	<b>DAY0</b>	<b>20 01 2019</b>	
	1600-1630	HIGH - TEA	
	1630-1645	Venkat Srinivasan - Archives	Ways of seeing: Archival thinking as cultural shift.
	1645-1700	Mahinn Ali Khan	Communication: In a language of its own
	1700-1800	Kollegala Sharma	Translating Biology into Local Languages
	1800-1900	Students cultural show	
	<b>DAY1</b>	<b>21 01 2019</b>	
	Session 1	<b>The Language of Movement: The elegance of action and its production</b>	
Chair: Dasaradhi Palakodeti	0900-0945	Gabrielle Nevitt	Avian Olfaction: The Road Less Travelled
	0945-1015	Sanjay Sane	Multimodal sensory integration by descending neurons in hawkmoths
	1015-1030	Alex Rautu	Active Intracellular Trafficking Dynamics Drives Membrane Morphologies
	1030-1100	COFFEE BREAK	
	1100-1130	Axel Brockmann	The Language of Biology: Listening to Honey Bees
	1130-1200	VatsalaThirumalai	Eats shoots and leaves: punctuation and context in the neuronal code
	1200-1230	VaradharajanSundaramurthy	The homeostasis of an M. tuberculosis infected macrophage
	1230-1300	SumantraChattarji	Wanderings outside the box
	1300-1400	LUNCH	
	1400-1630	POSTERS, SLC Colonnade Area	
	Session 2	<b>The Language of Change: Modifications over Time and Space</b>	
Chair: Shravanti Rampalli Deshpande	1630-1715	Frederic Boccard	Chromosome conformation and segregation in Pseudomonas aeruginosa
	1715-1745	Mahesh Sankaran	Global change and the ecological future of the savanna biome
	1745-1815	DeepaAgashe	Found in (mis)translation: The evolutionary benefits of translation errors
	1815-1845	Shannon Olsson	When changing your mind changes your species: A 150 year old mystery of intrigue and apples
	1900 onwards	DINNER - <i>for speakers and participants</i>	

	<b>DAY2</b>	<b>22 01 2019</b>	
	Session 3	<b>The Language of Connection: Interactions and Liaisons of molecules, cells, and populations</b>	
<b>Chair Tina Mukherjee</b>	0900-0945	Michael Hasselmo	Coding of space and time in the entorhinal cortex
	0945-1015	Uma Ramakrishnan	The genetics of small and isolated tiger populations
	1015-1030	NishanShettigar	Discoveries in natural light sensing: uncovering new function in simple eyes and eye-independent light sensing networks
	1030-1100	COFFEE BREAK	
	1100-1130	Upinder S. Bhalla	min(Err(Si,Ei) $\forall i:i \in (\text{Lit} \cup \text{Expt})$ ) Or Translating data into models of synaptic function and dysfunction.
	1130-1200	Arati Ramesh	Small RNA-mediated signaling and implications for ANTAR regulation across actinobacteria
	1200-1230	Gaiti Hasan	Brakes in the brain - and how flies release them for a long haul flight.
	1230-1245	SukanyaMadhwal	"GABA shunt pathway in Drosophila blood cells critical for Immune competency"
	1245-1300	Sanjeev S	Less is More: Growth signalling through turnover of low abundance lipids
	1300-1400	LUNCH	
	1400-1630	POSTERS, SLC Colonnade Area	
	Session 4	<b>The Language of Control: Regulation and Governance of Life</b>	
<b>Chair Dasaradhi Palakodeti</b>	1630-1700	K VijayRaghavan	Making Nerve, Muscle, and Synapse
	1700-1730	P.V. Shivaprasad	microRNA-mediated regulation of crop domestication
	1730-1800	Dimple Notani	Ligand dependent gene regulation by transient ER alpha - clustered enhancers in 3D
	1800-1830	AswinSeshasayee	Initiating chromosome replication: to oriC or not
	1830-1845	Leanna Rose Joy	Oncogenic cell extrusion in cervical cancers: a mechanism for metastasis
	1900 onwards	DINNER <i>for speakers and participants</i>	

	<b>DAY3</b>	<b>23 01 2019</b>	
<b>Chair Srikala Raghavan</b>	Session 5	<b>The Language of Design: Structures, Architectures and Mechanics of the Living World</b>	
	0900-0930	VinothKumar KR	Language of Macromolecules
	0930-1000	SabarinathanRadhakrishnan	Somatic mutations show traces of DNA damage and repair in the genome
	1000-1015	KetanThorat	Catalytic clothing to deactivate organophosphates to prevent pesticide exposure
	1015-1030	Adwait Joshi	Protein domain architecture comparison for inferring homology between multi-domain proteins using alignment-free method
	1030-1100	COFFEE BREAK	
	1100-1130	Ranabir Das	Hijack of the host Ubiquitin pathway by virulence factors
	1130-1200	AnjanaBadrinarayanan	Regulation of DNA damage response and repair in microbial systems
	1200-1230	ShachiGosavi	Design of domain-swapping in proteins
	1230-1245	ParijatSil	Life at the Cell's edge: the role of non-muscle Myosin motors in organizing proteins at the plasma membrane
	1300-1400	LUNCH	
	1400-1630	POSTERS, SLC Colonnade Area	
	1730-	POSTER AWARDS, SLC Colonnade Area	

-  Plenary talk
-  Faculty talk
-  Student talk