



9th Annual BSSE Symposium 2023



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Date	Time	Programme (BSSE annexe, old biochemistry building)		
Jan 19, 2023	2.30 - 5.15 PM	Ideathon –Translational medicine	CELLINK – Interactive workshop on 3D bioprinting	
	5.15 - 6.15 PM	IndiaBioscience – Communication skills for researchers and innovators		
Date	Time	Symposium talks (main auditorium, biological sciences building)		
Jan 20, 2023	9:15 - 9:20 AM	Introduction to the 9th Annual BSSE Symposium , by the chair of the department - Prof. Narendra Dixit		
	9:20 - 9:25 AM	Remarks by the dean - Prof. Navakanta Bhat		
	9:25 - 9:30 AM	Introduction to the Sanjay Kumar Biswas memorial lecture - Prof. Siddharth Jhunjunwala		
	9:30 - 10:30	Sanjay Kumar Biswas memorial lecture: Dr. Janhavi Raut Director, R&D, Unilever (Soaps and microbes – a legacy and a lesson)		
	10:30 – 10:45	Tea and Coffee Break		
	10.45 - 11:35	Prof. Sharmila Bapat NCCS, Pune (Chimeric transcripts – a complex level of cellular regulation)	Cellular heterogeneity	
	11:35 – 11:55	Thiruvickraman J - Minimal signals for <i>in vitro</i> differentiation of T Follicular helper cells		
	11:55 - 12:15	Paras Jain - Cellular mechanisms driving heterogeneity in a population of cancer cells		
	12:15 – 13:00	Prof. Nagasuma Chandra IISc, Bangalore (TBA)		
	13:00 - 14:00	Lunch		
	14:00 - 14:20	Farhan Adam Mukadam - Estimation of cardiovascular performance of critically ill patient using deep learning	Health and medicine	
	14:20 - 14:40	Rajesh Thangavel - Development of a chimeric universal influenza vaccine providing both humoral and cell-mediated immunity		
	14:40 - 15:00	Mahatabb Nundy - The role of basal ganglia and dopamine in motor initiation and motor control		
	15:00 - 16:00	Poster Session , over high Tea		
	16:00 - 16:50	Prof. Udaykumar Ranga JNCASR, Bangalore (HIV – please tell us how to kill you!)		
	Jan 21, 2023	10:00 - 10:50	Dr. Vini Gautam IISc, Bangalore (TBA)	Biomaterial-immune cell interactions and bioengineering applications
		10:50 - 11:15	Tea and Coffee Break	
11:15 - 12:05		Dr. Nivedita Mitra Siemens Healthineers (R&D in <i>in vitro</i> diagnostics: how we bring value to healthcare)		
12:05 - 12:25		Shivangi Mishra - Consequences of particle-immune cell interaction and its application in engineering cellular functions		
12:25 - 12:45		Sameer Jagirdar - Host-pathogen interactions at the catheter surface		
13:00 - 14:00		Lunch		
14:00 - 14:45		Dr. Lynda Thomas SCTIMST, Trivandrum (Biomaterials and biofabrication in tissue engineering)	Biomaterial-immune cell interactions and bioengineering applications	
14:45 - 15:05		Rakesh Pradhan - Dynamics of Staphylococcus aureus Interactions with Neutrophils and Methods to Improve Neutrophil Activity		
15:05 - 16:05		Poster Session , over high Tea		
16:05 - 16:25		Joel P Joseph - Roles of calcium stimulation and 3D microenvironment during T cell activation		
16:25 - 17:10		Prof. Rahul Roy IISc, Bangalore (Evolutionary dynamics of dengue virus in India)		
17:15 - 17:30	Closing Ceremony			