

# International conference on cutting edge research & innovations in cancer towards improving patient outcomes

## Scientific Program

Venue: **NCCS Auditorium**

### DAY 1: 6th Nov 2025, Thursday

TIME	Talk No.	Speaker Name	Talk Title
8:00 - 9:00		Registration	
9:00 - 9:30		Inauguration	
			Chair: Dr. Sharmila Bapat
9:30 - 10:10	PL-01	Dr. Lawrence Banks	Human Papillomaviruses: From Infectious Entry to Malignancy
	SESSION I	Tumor Heterogeneity	Chairs: Dr. Rajesh Gacche and Dr. Mayurika Lahiri
10:15 - 10:35	IL-01	Dr. Sharmila Bapat	Tumor Cell Creativity and Tumor Heterogeneity
10:40 - 11:00	IL-02	Dr. Murali Dharan Bashyam	Tumors 'hijack' inactivating mutations in tumor suppressors to aid oncogenesis: lessons from pancreatic and colorectal cancers
11:05 - 11:25	IL-03	Dr. Ritu Gupta	Genotype-Derived Immunophenotypes of Leukemic Stem Cells—Insights from Single-Cell Transcriptomics
11:30 - 11:45	Break		High-Tea
	SESSION II	Tumor Microenvironment	Chairs: Dr. Debasish Mitra and Dr. Jomon Jeseeph
11:50 - 12:10	IL-04	Dr. Soumen Chakroborty	Cross-talk between PTBP2 and autophagy regulators in chronic myeloid leukemia
12:15 - 12:35	IL-05	Dr. Sanjiban Chakrabarty	Cancer-on-chip: 3D tumor model to study tumor microenvironment and drug response
12:40 - 12:55	VL-01	Mr. Naineet Borde, Thermo Fisher Scientific	An Introduction to Spatial Imaging with EVOS <sup>®</sup> S1000 Spatial Imaging System
13:00 - 14:00	Break		Lunch
14:00 - 15:30		Poster Session	

TIME	Talk No.	Speaker Name	Talk Title
	SESSION III	Cancer Signaling	Chairs: Dr. Murali Dharan Bhashyam and Dr. Vasudevan Seshadri
15:30 - 15:50	IL-06	Dr. Sanjeev Das	Understanding the <i>non-canonical</i> functions of Caspases
15:55 - 16:15	IL-07	Dr. Prasanna Venkatraman	Within and Beyond the boundaries of proteasomal Assembly: PSMD9 Chaperone as an Architect of Cellular Order
16:20 - 16:40	IL-08	Ramesh Ummanni	From Pathways to Precision: Redefining Therapeutic Targets in Advanced Prostate Cancer
16:45 - 17:05	IL-09	Dr. Sujit Bhutia	PAX9 functions as a transcriptional activator of autophagy to restrict cell survival in oral cancer
17:10 - 17:25	VL-02	Mr. Kamlesh Patel	Clinical Mass Spectrometry & PGX Personalising Chemotherapy & Targeted Therapy
17:25 - 17:40	Break		High-Tea
	SESSION IV	Cancer Immunology	Chairs: Prof Shubhada Chiplunkar and Dr. Akanksha Chaturvedi
17:40 - 18:00	IL-10	Dr. Uttiya Basu	Somatic Hypermutation mechanisms in B cell immunity and Cancer
18:05 - 18:25	IL-11	Dr. Girdhari Lal	Effect of nociceptor neurokinin-1R signaling in anti-tumor immunity and colon tumor growth
18:30 - 18:40	SL-01	Mr. Pradipta Pal	Absence of C3 enhances NK cell cytotoxicity and effector function inhibiting tumor growth
19:00 - 20:30		CULTURAL PROGRAM	
20:30 - 21:30	Break		Dinner
DAY 2: 7th Nov 2025, Friday			
TIME	Talk No.	Speaker Name	Talk Title
	SESSION V	Cancer Vaccines	Chairs: Dr. Umesh Shaligram and Dr. Naveen Kumar
9:00 - 9:40	PL-2	Dr. Patrick Soon-Shiong	The Power of the Immune System: Restoring the Natural Ability to Fight Cancer and Infectious Diseases
9:45 - 10:25	PL-3	Prof. Elizabeth R. Unger	Human Papillomavirus (HPV) and Cervical Cancer Control
10:30 - 10:50	IL-12	Dr. Shilpa Gadgil	Creating Access and Affordability of Biologics for Cancer Patients Across India: The Promise of Enzenex™ 2.0

TIME	Talk No.	Speaker Name	Talk Title
10:50 - 11:00	SL-02	Ms. Ritika Gupta	Linking High Grade Serous Ovarian tumor subtypes to Neoantigen mediated therapeutic response in an ID8 Syngeneic Mouse Model
11:00 - 11:15	Break		High-Tea
	SESSION VI	Cancer OMICs	Chairs: Dr. Kundan Sengupta and Dr. Mahesh Kulkarni
11:15 - 11:35	IL-13	Prof. Kumar Somasundaram	The secrets of the dark genome: the power of the noncoding RNAs
11:40 - 12:00	IL-14	Dr. Prashant Kumar	Proteogenomic landscape of chemoradiation resistant cervical cancer patients from India: Unveiling novel therapeutic targets
12:05 - 12:25	IL-15	Dr. Soumen Manna	Metformin in cancer beyond glucose metabolism: Implications on its preventive and therapeutic potential
12:30 - 12:50	IL-16	Dr. Brijesh Kumar	Impact of Ethnicity on normal breast and breast cancer biology
12:55 - 13:10	VL-03	Dr. Dipankar Malakar, SCIEX	In-depth identification and quantitation of biomolecules by Zeno TOF 8600
13:10 - 14:00			Lunch
14:00 - 15:30		Poster-Session	
	SESSION VII	Cancer Epigenetics	Chairs: Dr. Soumen Chakraborty and Dr. Vidisha Tripathi
15:30 - 15:50	IL-17	Dr. Sukesh Bhaumik	Ubiquitin-proteasome system regulation of a chromatin remodeling factor, FACT, and its interactome in gene expression and cancer
15:55 - 16:15	IL-18	Dr. Dimple Notani	Transcription Factor Redundancy at Enhancer Clusters Shapes Cyclic Hormone Signaling
16:20 - 16:40	IL-19	Dr. Subhranshu Mondal	IDO1 and IDO1-AS lncRNA modulation of inflammation, tryptophan catabolism, and immunotherapy
16:45 - 16:55	SL-03	Manoj Girish	Deciphering PTEN-Mediated Regulation of Ferroptosis in Glioma Tumorigenesis
17:00 - 17:15	Break		Tea and Snacks
	SESSION VIII	Tumor metastasis	Chairs: Dr. Ramesh Bhonde and Dr. Nagaraj Balasubramanian
17:15 - 17:35	IL-20	Dr. Samit Chattopadhyay	Stabilization of tumor suppressor proteins to control hTERT expression in cancer cells
17:40 - 18:00	IL-21	Dr. Sorab Dalal	Therapy resistance and tumour progression in colorectal cancer.

TIME	Talk No.	Speaker Name	Talk Title
18:05 - 18:25	IL-22	Dr. Santosh Kumar	Thioredoxin Reductase as a Molecular Driver and Therapeutic Target of Radioresistance in Cancer Cells
18:45 - 18:55	SL-04	Soumyajit Biswas	Beyond Telomere length: Novel Small Molecules L2 and C5 suppress both hTERT activity and metastasis in lung Adenocarcinoma
20:00 - 22:30			<b>GALA DINNER</b>
<b>DAY 3: 8th Nov 2025, Saturday</b>			
TIME	Talk No.	Speaker Name	Talk Title
	<b>SESSION IX</b>	<b>Cancer Therapy</b>	<b>Chairs: Dr. Manoj Bhat and Dr. Anup Tamhankar</b>
9:00 - 9:20	IL-23	Dr. Sagar Sengupta	Linking basic biology questions with potential translational possibilities
9:25 - 9:45	IL-24	Dr. Virendra Gajbhiye	Targeted Nanomedicine: Precise Engineering for the Next Generation Cancer Therapy
9:50 - 10:10	IL-25	Dr. Somsubhra Nath	Promoter ubiquitination in transcriptional regulation and its impact on the survival outcome of head and neck cancer
10:15 - 10:35	IL-26	Dr. Vivek Tanavde	Reversing Chemoresistance: The tale of miR-1307-5p in reversing chemoresistance in oral squamous cell carcinoma
10:40 - 10:50	SL-05	Niladri Haldar	Engineered biodegradable nanohybrids-mediated transport of dual siRNAs for breast cancer therapy
10:50 - 11:00	SL-06	Gudiya Soibam	Anti-tumorigenic and Anti-metastatic Activity of a Novel Phytocompound, Oroxyquinone, on Lung Cancer
11:00 - 11:15	<b>Break</b>		<b>High-Tea</b>
	<b>SESSION X</b>	<b>Recent advances in cancer therapy</b>	<b>Panel Discussion</b>
11:15 - 12:30	PD-1	Moderator	Dr. Anup Tamhankar
		Panelist	Dr. Sagar Sengupta; Dr. Manoj Bhat; Dr. Vidisha Tripathi
12:30 - 13:00		<b>Valedictory Function</b>	
13:00 - 14:00			<b>Lunch</b>