

**Program**  
**44<sup>th</sup> Annual Meeting of The Indian Association for Cancer Research**  
**&**  
**International Conference**  
**on**  
**Convergence of Fundamental and Translational Approaches in**  
**Cancer Theranostics**

**Venue: Biswa Bangla Convention Centre, Kolkata**

**Day 1: 16 January 2025**

Time	Speaker /Event	Hall No.
8:30-9:30 AM	<b>Registration</b>	
9:30-10:45 AM	<b>Inaugural Program</b>	<b>Hall 7</b>
	Lighting of the Lamp and Invocation	
	Welcome Address by <b>Dr. Jayanta Chakrabarti</b> Director CNCI and President, IACR 2025	
	Speech by <b>Dr. Sorab N. Dalal, ACTREC- TMC</b> IACR President	
	Speech by “ <b>Chief Guest</b> ” <b>Shri Narayan Swaroop Nigam, IAS</b> Principal Secretary, Dept. of Health and Family Welfare, Govt. of West Bengal	
	Release of Abstract Book	
	Vote of Thanks by <b>Dr. Dona Sinha, CNCI</b> Organizing Secretary, IACR 2025	
10:45-11:15 AM	<b>Tea/Coffee Break</b>	<b>Hall 5</b>
11:15-12:10 AM	<b>M.G. Deo Oration Lecture Session</b> <b>Session Chairs: Dr. Sorab Dalal, President IACR</b> <b>and Dr. Rita Mulherkar</b>	
	<b>Introduction about Prof. M. G. Deo</b> <b>By</b> <b>Dr. Rita Mulherkar, Former Scientist, ACTREC, Navi Mumbai</b>	
	<b>Oration Lecture</b> <b>By</b> <b>Prof. Sharmila Bapat, NCCS, Pune</b> <i>A Conundrum Called Cancer</i>	
12:10-1:45 PM	<b>Session I: Molecular Approach and Cancer Therapy</b> <b>Session Chairs: Dr. Susanta Roychoudhury &amp;</b> <b>Prof. (Dr.) Jaydip Biswas</b>	<b>Hall 7</b>
	<b>Prof. (Dr.) Sudeep Gupta, TMC, Mumbai</b> <i>Clinical and Translational Studies in Breast and Gynaecological Cancers at TMC</i>	
	<b>Dr. Vivek M. Rangnekar, U K College of Medicine, USA</b> <i>Overcoming Therapy Resistance in Cancer</i>	
	<b>Dr. Mohd. Jamal Dar, CSIR-IIIM, Jammu</b> <i>Identification and Preclinical Studies of a Novel Anti-Cancer Agent Targeting GSK-3<math>\beta</math></i>	
	<b>Dr. Saptak Banerjee, CNCI, Kolkata</b> <i>Crosstalk between Breast Cancer Stem Cell and Activated Platelets as A Determining Factor in Tumor Progression: Intervention by Aspirin</i>	

1:45-2:45 PM	<b>Lunch</b>	<b>Hall 5</b>
2:45-3:35 PM	<b>Session II: Emerging Role of Immunotherapy in Cancer Care &amp; Experience Sharing</b> <b>Session Chair: Dr. Amitabh Ray</b>	<b>Hall 7</b>
2:45-3:00 PM	<b>Dr. Viraj Suvarna, Roche Pharma India</b> <i>Emerging Role of Immunotherapy and Way Ahead</i>	
3:00-3:25 PM	<b>Panel Discussion</b> <i>Role of Immunotherapy - Atezolizumab and Bevacizumab in Unresectable HCC</i>  <b>Dr. Akash Roy, Apollo Multispeciality Hospitals, Kolkata, Dr. Chandrani Mallik, CNCI, Kolkata, Dr. Vivek Agarwala, Narayana Superspeciality Hospital, Howrah, Dr. Joydeep Ghosh, Apollo Multispeciality Hospitals, Kolkata, Dr. Ashish Upadhyay, ESI-PGIMSR Medical College and Hospital and ODC(EZ), Kolkata</b>  <b>Moderator: Dr. Viraj Suvarna, Roche Pharma India</b>	
3:25-3:35 PM	<b>Questions &amp; Answers: Dr. Ashish Upadhyay, ESI-PGIMSR Medical College and Hospital and ODC(EZ), Kolkata</b>	
3:35-4:25 PM	<b>Session -III: Spot Light on Cancer Research and Industrial Sector</b> <b>Session Chair: Dr. Aniruddha Dam &amp; Dr. Manoj B. Mahimkar</b>  <b>Dr. Sameer Parekh, Serum Institute of India Pvt. Ltd</b> <i>Changing the HPV Landscape with an Indigenous Vaccine-CERVAVAC</i>  <b>Mr. Mainak Chakraborty, Amazon Web Services</b> <i>Revolutionize Genomics Research with AI on AWS Cloud</i>	
4:25-4:45 PM	<b>Tea/Coffee Break</b>	
4:45-6:00 PM	<b>Session IV: Epigenetic Regulation and Cancer</b> <b>Session Chairs: Prof. Bidyut Roy &amp; Dr. Sudin Bhattacharya</b>  <b>Prof. Tapas K. Kundu, JNCASR, Bengaluru</b> <i>Epigenetic Regulation of Oral Cancer</i>  <b>Prof. Sanjeev Shukla, IISER, Bhopal</b> <i>Epigenetic Reprogramming Under Hypoxia: The Role of CTCF and PRMT5 in Breast Cancer Progression</i>  <b>Dr. Sanjay Gupta, ACTREC, Navi Mumbai</b> <i>Persistent Stress and The Epigenetic Landscape: A Link to the Pathobiology of Cancer</i>	<b>Hall 7</b>
6:00-7:30 PM	<b>Poster Session – I</b>	<b>Hall 4</b>
7:00-7:30 PM	<b>EC Meeting</b>	<b>Hall 7</b>
7:30-8:30 PM	<b>Dinner</b>	<b>Hall 5</b>
<b>Day 2: 17 January 2025</b>		
9:00-10:40 AM	<b>Session V: Targeted Therapy and Immunotherapy in Cancer</b> <b>Session Chairs: Prof. Tanya Das &amp; Prof. (Dr.) Subrata Sinha</b>  <b>Prof. Sushanta K. Banerjee, Kansas Medical Centre, USA</b> <i>Targeting PD-L1 by Novel PEGylated CCN5 in Triple-Negative Breast Cancer: A New and Effective Approach for Immunotherapy</i>  <b>Dr. Sanjeev Das, NII, New Delhi</b> <i>PARP1: Emerging Relationship between DNA Repair and Cancer Metabolism</i>	<b>Hall 7</b>

	<p><b>Prof. Urmi Chatterji</b>, University of Calcutta, Kolkata <i>Eradicating Breast Cancer Stem Cells</i></p> <p><b>Dr. Shilpak Chatterjee</b>, CSIR-IICB, Kolkata <i>S1P-S1PR1 Axis-Mediated Signaling Impairs CD8+ T Cell Function in Tumor</i></p>	
10:40-11:00 AM	<b>Tea/Coffee Break</b>	
11:00-1:00 PM	<p><b>Session VI: Next Generation Sequencing in Cancer Research</b> <b>Session Chairs: Prof. Nitai P Bhattacharyya &amp; Dr. C.K. Panda</b></p> <p><b>Prof. Partha Pratim Majumder</b>, National Science Chair, Govt. of India <i>Single-cell Transcriptomic Analysis of Oral Cancer Reveals Two Dominant Cellular Programs</i></p> <p><b>Dr. Manoj B. Mahimkar</b>, ACTREC, Navi Mumbai <i>Prognostic Biomarkers in Oral Cancers: Our Experiences with Global Profiling</i></p> <p><b>Dr. Nidhan Biswas</b>, NIBMG, Kalyani <i>Genomic Signatures of Oral Cancer Progression in Indian Patients</i></p> <p><b>Prof. (Dr.) Arnab Pal</b>, PGIMER, Chandigarh <i>Emerging role of CTC based Diagnostics: An Indian Experience on Oral Squamous Cell Carcinoma patients</i></p> <p><b>Dr. Paramita Mandal</b>, University of Burdwan, Burdwan <i>Understanding Tribal Societies in Terms of Genetic Heritage &amp; Lifestyle Induced Microbial Gradients Associated with Oncogenic HPV Infections</i></p>	<b>Hall 7</b>
1:00-2:00 PM	<b>Lunch</b>	<b>Hall 5</b>
2:00-4:00 PM	<p><b>Session VII: Oral Presentation Competition- Research Fellows</b> <b>Session Chairs: Prof. Sandeep Singh &amp; Prof. Chandrima Das</b></p> <p><b>Ms. Akansha Agarwal</b>, Shiv Nadar Institute of Eminence, Delhi NCR <i>Identification of A Novel Anti-Prostate Cancer Peptide Targeting Androgen Receptor Signalling</i></p> <p><b>Ms. Arunima Acharya</b>, NIBMG, Kalyani <i>Single-Cell and Bulk Transcriptomics Reveal Novel Malignant Cell Dynamics in Oral Tumor Ecosystem of Patients with Oral Submucous Fibrosis</i></p> <p><b>Ms. Barnali Dolui</b>, The University of Burdwan, Burdwan <i>TIM3 May Odd Man Out Immune Checkpoint Inhibitors: Blockade in Breast Cancer Led to Immune Tolerant Tumor Microenvironment and Enhances Metastatic Pathways</i></p> <p><b>Mr. Indrashish Dey</b>, IPGMER, Kolkata <i>The RNA binding protein, PDCD11, Enriched in Cancer Cell-Derived Extracellular Vesicles Favors Macrophages in Promoting Hepatocellular Carcinoma</i></p> <p><b>Mr. Mutnuru Srinivas Abhishek</b>, IISER, Bhopal <i>PRMT5-mediated Histone Methylation Regulates Alternative Splicing of TCF3 VIA MECP2-PTBP1 to Promote EMT in Breast Cancer Hypoxia</i></p> <p><b>Ms. Prerna Singh</b>, ACRTREC, Navi Mumbai <i>Novel ID-RUNX1 Regulatory Axis Controls Cancer Stem Cell-Mediated Differentiation and Chemoresistance in Epithelial Ovarian Cancer</i></p> <p><b>Ms. Priya Samanta</b>, CNCI, Kolkata <i>Inhibition of Asymmetric Division of Triple Negative Breast Cancer Stem Cell by Co-Delivery of 3,3'-Diindolylmethane (DIM) and Doxorubicin (Dox)</i></p>	<b>Hall 7</b>

	<p><b>Mr. Shouvik Chakravarty</b>, BRIC-NIBMG, Kalyani <i>DNA Repair Defect and Cancer Progression in Indian OSCC-GB Patients</i></p> <p><b>Mr. Sourav Dey</b>, IISER, Berhampur <i>RNA Methylation Dynamics in Cancer Stem Cell Maintenance, A Functional Conflict of M6A Writer-Eraser</i></p> <p><b>Ms. Sukanya Ghosh</b>, CNCI, Kolkata <i>Perturbation of JAK/STAT Pathway by Seasonal Variation of PM<sub>2.5</sub>: A Comparative Study Between Exposed Rural and Urban Populations</i></p>	
4:00-5:00 PM	<p><b>Session VIII: Therapeutic Advancements in Cancer Management</b> <b>Chairpersons: Dr. Jayanta Chakrabarti and Dr. Debarshi Lahiri</b></p> <p><b>Dr. Bivas Biswas</b>, Apollo Multispeciality Hospitals, Kolkata <i>Non-Squamous NSCLC: The Way Forward! The Breakthrough of Immunotherapy</i></p> <p><b>Dr. Tanmoy Kumar Mandal</b>, Manipal Hospitals, Kolkata <i>Redefining Treatment Outcomes with Immunotherapy in Early Triple Negative Breast Cancer</i></p> <p><b>Dr. Chandrakanth MV</b>, Narayana Superspeciality Hospital, Howrah <i>Role of IO and its sequencing strategy in the management of HNSCC</i></p>	<b>Hall 7</b>
5:00-7:00 PM	<b>Poster Session - II</b>	<b>Hall 4</b>
5:00-5:30 PM	<b>Tea/Coffee Break</b>	
7:00-7:30 PM	<b>IACR - GB Meeting</b>	<b>Hall 7</b>
7:30-8:30 PM	<b>Dinner</b>	<b>Hall 5</b>
<b>Day 3: 18 January 2025</b>		
9:00-10:46 AM	<p><b>Session XI: Drug Development</b> <b>Session Chairs: Dr. Snehasikta Swarnakar &amp; Dr. Soumitra K. Choudhuri</b></p> <p><b>Prof. Gopal C. Kundu</b>, KIIT, Bhubaneswar <i>Understanding The Tumor Heterogeneity and Development of Targeted Therapy in Breast Cancer</i></p> <p><b>Dr. Amlan Das</b>, The Assam Royal Global University Guwahati, Assam <i>Multifaceted Anticancer Potential of Triazole-Based Compounds: Targeting Microtubule Dynamics and Notch Signalling Pathways</i></p> <p><b>Dr. Ugir Hossain Sk.</b> CNCI, Kolkata <i>Drug Discovery: Repurposed Remodelling of Anticancer Therapeutics</i></p> <p><b>Dr. Arunima Biswas</b>, University of Kalyani, Kalyani <i>Evaluating The Potential of A PDE4 Inhibitor Rolipram as A Candidate for Drug Repurposing in Breast Cancer</i></p> <p><b>Dr. Arghya Adhikary</b>, Jadavpur University <i>Potential Role of Nanotherapeutics in Strategic Management of Breast Cancer Through Regulation of The MicroRNA Circuitry</i></p>	<b>Hall 7</b>
10:46-11.00AM	<b>Tea/Coffee Break</b>	
11:00-1:00 PM	<p><b>Session X: Tumor Microenvironment</b> <b>Session Chairs: Dr. Sib Sankar Roy &amp; Dr. Samarendra Nath Banerjee</b></p> <p><b>Prof. Kumaravel Somasundaram</b>, IISC, Bengaluru <i>LncRNAs in The Biology of Cancer: PITAR is a p53 inactivating lncRNA</i></p> <p><b>Prof. Kaushik Biswas</b>, Bose Institute, Kolkata <i>Transcriptional Control of The GM2-Synthase Gene in Cancer: The Sp1-HDAC1-p300 Enigma</i></p>	<b>Hall 7</b>

	<p><b>Dr. Manjusha Dixit</b>, NISER, Bhubaneswar <i>EEF1A2 Orchestrates Angiogenesis and Scaffolding Protein Interactions in Breast Cancer</i></p>	
	<p><b>Prof. Sanghamitra Sengupta</b>, University of Calcutta, Kolkata <i>E2F5, A Driver of Prostate Cancer Progression, Modulates Cell Proliferation, EMT Plasticity, and Cell Invasion</i></p>	
	<p><b>Dr. Shaida A. Andrabi</b>, University of Kashmir <i>Focal Adhesion Kinase and PCTAIRE1 Promote Resistance Against Apoptotic and Anti-Cancer Agents</i></p>	
1:00-2:00 PM	<b>Lunch</b>	<b>Hall 5</b>
1:00-2:00 PM	<b>Poster Session- III</b>	<b>Hall 4</b>
2:00-3:15 PM	<p><b>Session XI: Kamat Jaju Award Session</b> <b>Session Chairs: Prof. Soma Banerjee &amp; Dr. Ruma Dey Ghosh</b></p>	<b>Hall 7</b>
	<p><b>Dr. Asmita Gupta</b>, CDFD, Hyderabad <i>Towards A Comprehensive Characterization of Gene Fusions in Early Onset Colorectal Cancer (EOCRC) and Pan Cancer Types</i></p>	
	<p><b>Dr. Divya P. Kumar</b>, JSS Medical College, Mysuru <i>Molecular Signatures Correlated with AATF Silencing in the Tumor Microenvironment of Hepatocellular Carcinoma: Insights from the mRNA and lncRNA Expression</i></p>	
	<p><b>Dr. Lata Singh</b>, AIIMS, New Delhi <i>Unleashing The Role of System XC-/GSH/GPX4 Axis Regulation in The Control of Ferroptosis in Uveal Melanoma</i></p>	
	<p><b>Dr. Nathiya Muthalagu</b>, IIT-Madras, Chennai <i>MYC Dependent Mouse Model of Pancreatic Neuroendocrine Tumours: A Preclinical Model for Aggressive Proliferative Subtype</i></p>	
	<p><b>Dr. Tulika Mitra</b>, TCG CREST, Kolkata <i>Potential Role of B Cells in Promoting Tumour Growth through Regulating Cholesterol Metabolism in Tumor Microenvironment</i></p>	
3:15-5:05 PM	<p><b>Session XII: Diagnostic /Prognostic Marker and Clinical Settings</b> <b>Session chairs: Prof. Maqsood Siddiqi &amp; Dr. Kalyan Kusum Mukherjee</b></p>	<b>Hall 7</b>
	<p><b>Dr. Ranajit K. Mandal</b>, CNCI, Kolkata <i>Emerging Technologies in Cervical Cancer Screening: Innovations in Early Detection</i></p>	
	<p><b>Dr. Anindita Chakraborty</b>, Former Scientist, UGC-DAE CSR <i>Microelements and Cancer Research: Prospect as Biomarkers for early detection and progression</i></p>	
	<p><b>Dr. Sankar Sengupta</b>, CNCI, Kolkata <i>Cancer and Microbes: Companion or Enemy?</i></p>	
	<p><b>Dr. Arghya Bandopadhyay</b>, NRS Medical College and Hospital, Kolkata <i>From Morphology and Immunohistochemistry to Molecular: A Pathologist's Journey in The Era of Personalized Medicine</i></p>	
	<p><b>Dr. Dipak Datta</b>, CDRI, Lucknow <i>Understanding Therapeutic Vulnerabilities of TNBC Metastasis</i></p>	
5:05-5:30 PM	<b>Tea/Coffee Break</b>	
5:30-6:30 PM	<p><b>Panel Discussion</b> <b>"Trajectory of Next Generation Gears for Cancer Research: Experimental Biology to Artificial Intelligence"</b></p> <p><b>Panellists: Prof. Gaurisankar Sa</b>, Bose Institute; <b>Prof. Sharmila Sengupta</b>, SGCCRI, Kolkata; <b>Prof. Partha Pratim Das</b>, Ashoka</p>	<b>Hall 7</b>

	<p>University, <b>Dr. Pritha Ray</b>, ACTREC, Navi Mumbai; <b>Dr. Manas Kumar Santra</b>, NCCS, Pune; <b>Dr. Abhirupa Kar</b>, TTCRC, Kolkata</p> <p><b>Moderator: Prof. Anupam Basu</b>, University of Burdwan</p>	
6:30-7:00 PM	<b>Valedictory Program</b>	<b>Hall 7</b>
7:00-8:00 PM	<b>Dinner</b>	<b>Hall 5</b>