



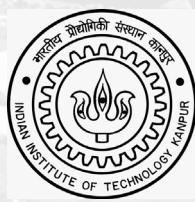
ANRF-PAIR 2026

Conference on Cancer Genomics, Diagnostics and Therapeutics

28th - 30th January, 2026



Organized by
Department of Biological Sciences and Bioengineering
IIT KANPUR

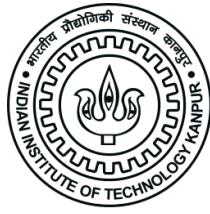


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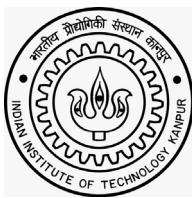
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1770, Ground Floor; Opposite Samrat House, Faizabad Road, Lucknow - 226007 (UP)
Mob: 9415402726 Ph: 0522-4959410



Day 1: 28th January (Wednesday)

08:00-09:00 am	Breakfast
09:00 - 09:30 am	Registration
09:30 - 10:00 am	Inauguration, Introduction to ANRF-PAIR Dr. T. Thangaradjou (ANRF), Dr. Sudhir K. Awasthi (CSJMU), Dr. Tarun Gupta (DoRD, IITK), Dr. Ashwani Kumar Thakur (BSBE)
10:00 - 10:30 am	Group Photo and Tea Break
	Session Chair Dr. Bushra Ateeq IIT Kanpur
10:30 - 11:00 am	Faculty Talk- 1 Dr. Sharmila Mande Ayush Distinguished Scientist Chair, Ministry of Ayush Gut Microbiome and Cancer
11:00 - 11:30 am	Faculty Talk – 2 Dr. Javed N Agrewala IIT Ropar Phenotypic marker driven signaling strategies for selective induction of apoptosis in malignant cells
11:30 - 12:00 pm	Faculty Talk – 3 Dr. Susanta Samajdar Aurigene Oncology Limited, Bangalore Utility of AOL's Proprietary Protein Degradation Platform DNsD: Discovery of Best-in-class Pan KRAS degrader clinical candidate for the treatment of mutant KRAS driven cancers



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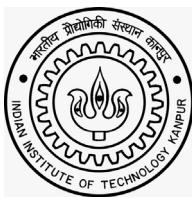
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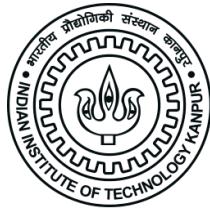
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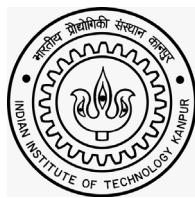


	<p>Session Chair Dr. Javed N Agrewala IIT Ropar</p>
12:00 - 12:30 pm	<p>Faculty Talk – 4 Dr. Luna Samanta Ravenshaw University, Cuttack, Odisha Breaking Exosome-Fueled Nanotube Networks: Targeting Redox Adaptation in Therapy-Resistant Breast Cancer</p>
12:30 - 01:00 pm	<p>Faculty Talk – 5 Dr. Mayank Singh AIIMS, New Delhi Tackling Drug resistance in Multiple Myeloma through Novel Immunotherapy based Approaches</p>
01:00 - 01:30 pm	<p>Faculty Talk – 6 Dr. Akhilanand Chaurasia KGMU, Lucknow An explainable AI approach for comprehensive detection, grading and molecularly aligned risk prediction in oral cancer</p>
01:30 - 02:30 pm	Lunch Break
	<p>Session Chair Dr. Rakesh K Majhi IIT Kanpur</p>
02:30 - 03:00 pm	<p>Faculty Talk – 7 Dr. Bushra Ateeq IIT Kanpur DKC1-mediated Sphingolipid Dysregulation Drives Colorectal Cancer and Therapy Resistance</p>
03:00 - 03:30 pm	<p>Faculty Talk – 8 Dr. Nidhan Biswas National Institute of Biomedical Genomics, Kalyani Deciphering the Genomic and Immune Trajectory of Indian Oral Cancer Progression: From Precancer to Metastasis</p>





03:30 - 03:45 pm	Industry Talk: Merck , Dr. Ankur Gautam Advances in 3D Cell Culture: Transitioning from 2D to 3D
03:45 - 04:00 pm	IITK Facility Talk: Dr. Rashmi Parihar Introduction to Central Experimental Animal Facility at IIT Kanpur
04:00 - 05:00 pm	Tea Break and Poster Session
05:00 - 5:30 pm	Flash Talks by Students (6 Nos.)
05:30 - 06:00 pm	Faculty Talk – 9 Dr. Sharmila Bapat Ayush Distinguished Scientist Chair, Ministry of Ayush
06:00 - 06:30 pm	Tea Break
06:30 - 07:30 pm	Networking and IIT Kanpur Lab Visit
07:30 - 09:30 pm	Gala Dinner



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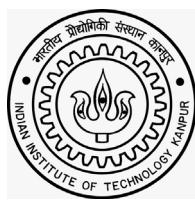
Day 2: 29th January (Thursday)

08:00 - 09:30 am	Breakfast
	Session Chair Dr. Luna Samanta Ravenshaw University
09:30 - 10:00 am	Faculty Talk – 1 Dr. Rajeev Mishra Chatrapati Shahu Ji Maharaj University, Kanpur Integrative Cancer Genomics Approaches to Identify Actionable Epigenetic Targets.
10:00 - 10:30 am	Faculty Talk – 2 Dr. Sabarinathan Radhakrishnan NCBS, Bangalore GATA3-extension Mutants Rewire Lineage Identity in Luminal Breast Cancer
10:30 - 11:00 am	Faculty Talk – 3 Dr. Anuradha Kalani Chatrapati Shahu Ji Maharaj University, Kanpur Exosomes: Tiny Couriers, Big Impact in Theranostics
11:00 - 11:30 am	Faculty Talk – 4 Dr. Ashok Kumar IIT Kanpur Clinically Relevant Therapeutic Innovations in IBD: Targeted and Minimally Invasive Strategies
11:30 - 12:00 pm	Tea Break
	Session Chair Dr. R. Sankararamakrishnan IIT Kanpur
12:00 - 12:30 pm	Faculty Talk – 5 Dr. Santosh K Misra IIT Kanpur Nanocarbon Platforms for New Generation Diagnalytics





12:30 - 01:00 pm	Faculty Talk – 6 Dr. Kartiki Desai National Institute of Biomedical Genomics, Kalyani Genome wide analysis of YBX1-mediated redistribution of JMJD6 in ER+ breast cancer cells
01:00 - 01:30 pm	Faculty Talk – 7 Dr. Pritha Ray ACTREC, Tata Memorial Centre Autophagy at the cross road of tumor/cancer stem cell plasticity during acquirement of chemoresistance
01:30 - 02:30 pm	Lunch Break
	Session Chair Dr. Srikanta Jena Ravenshaw University
02:30 - 03:00 pm	Faculty Talk – 8 Dr. Mohammad Kaleem Ahmad KGMU, Lucknow MicroRNAs in Prostate Cancer Diagnosis: Molecular Insights and Translational Implications
03:00 - 03:15 pm	Industry Talk: Sartorius , Dr. Hargopal Satsangi Sartorius Lab Solution to Cancer Biology
03:15 - 04:00 pm	Flash Talks by Students (9)
04:00 - 05:00 pm	Tea Break and Poster Session
05:00 - 08:00 pm	Flowcytometry Workshop, Networking
08:00 - 09:30 pm	Dinner



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Day 3: 30th January (Friday)

08:00-10:00 am	Breakfast
	Session Chair Dr. Chandresh Sharma CSJM University
10:00 - 10:30 am	Faculty Talk – 1 Dr. Nazia Chaudhary ACTREC, Tata Memorial Centre, Navi Mumbai Targetable Metabolic Dependencies Drive Therapy Resistance in Treatment-Refractory Colorectal Cancer
10:30 - 11:00 am	Faculty Talk – 2 Dr. Shaida Andrabi University of Kashmir, Srinagar Focal adhesion kinase and CDK16: Investigating their role in tumorigenesis and promotion of chemoresistance
11:00 - 11:30 am	Faculty Talk – 3 Dr. Rakesh Kumar Majhi IIT Kanpur Ion channel mediated modulation of anti-cancer activity of Natural Killer cells
11:30 - 11:45 am	Industry Talk: BD, Dr. Subhadeep BD: New Innovations and it's Applications
11:45 - 12:00 pm	Tea Break
	Session Chair Dr. Sharmila Mande Ministry of Ayush
12:00 - 12:30 pm	Faculty Talk – 4 Dr. Priyanka Bagade IIT Kanpur AI in Healthcare
12:30 - 01:00 pm	Faculty Talk – 5 Dr. Dharmaraja Allimuthu Synthetic ion channel-driven cytoplasmic vacuolization triggers paraptosis in ferroptosis-resistant cancer cells



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01:00 - 01:30 pm	Faculty Talk – 6 Dr. Devivasha Bordoloi IISER Bhopal Novel biologics for targeted ovarian cancer immunotherapy
01:30 - 02:30 pm	Lunch Break
	Session Chair Dr. Anuradha Kalani CSJM University
02:30 - 03:00 pm	Faculty Talk – 7 Dr. Mahesh Kumar Panda Ravenshaw University, Cuttack, Odisha E-Bayesian and Hierarchical Bayesian Estimation of a Class of Lifetime Distributions under Adaptive Progressive Type-II Censoring Scheme with Application to Cancer Data
03:00 - 03:30 pm	Faculty Talk – 8 Dr. Hamim Zafar IIT Kanpur Computational analysis of single-cell and spatial omics datasets for elucidating cancer heterogeneity
03:30 - 04:00 pm	Flash Talks by Students (6)
04:00 - 04:30 pm	Tea Break
04:30 - 05:00 pm	Award Ceremony & Valedictory Function
05:00 - 08:00 pm	Flowcytometry Workshop, Networking
08:00 - 09:30 pm	Dinner

