





PROGRAM SCHEDULE

28th Jan – 31st Jan 2025

Workshop on Immunopharmacology January 28, 2025



Global Cancer Consortium



5th International Global Cancer Consortium Conference

Workshop on Immunopharmacology: January 28, 2025

Organized by: Amity Centre for Translational Research, Amity University Uttar Pradesh, Noida, India

January 28, 2025 (Tuesday)		
9.00 – 10:00 AM	Registration I-2, Moot Court Hall and Foyer	
Inauguration and Welcome	10.00-10.05AM	Lightning and Saraswati Vandana
	10:05 -10:10 AM	Opening Remarks and welcome address by Prof. B. C. Das, Chairperson <i>Prof Subhrajit Biswas , Convener</i>
	10:10-10:15AM	Dr. Hridayesh Prakash, briefing about workshop ,Organizing secretary
	10.15-10.20 AM	Address and briefing about Amity University Dr. W. Selvamurthy, President, ASTIF, Amity University, Noida
	10.20-10:25 AM	Address by Dr. Balvinder Shukla, Vice Chancellor, Amity University, Noida
	10:25-10:35 AM	Inaugural address by Chief Guest Dr. Chandrasekhar Ranga, Deputy, DGCI, Govt of India
	10:35-10:40 AM	Vote of Thanks: Dr Pallavi Agarwal, Organizing Committee Member

Tea Break (10:40-11:30 AM)

Session 01: Applied Immunopharmacology: Challenges and Perspectives I-2 Moot Court Hall Session Chairs: Dr. Simran Tandon and Dr. V. Pooja 11:30 – 1:10 PM

11:30-11:55 AM	Dr. Imtiyaz Hassan , <i>Jamia Millia Islamia, New Delhi</i> Structure-based approach to control lung carcinoma
11:55-12:20 PM	Dr. Nitin Sharma, <i>Amity Institute of Pharmacy, AUUP, Noida</i> Immune activation/deactivation: Impact on disease management
12:20-12:45 PM	Dr. Havagiray Chitme, <i>Amity Institute of Pharmacy, AUUP, Noida</i> Carcinogenic genes expressed by Ovarian Granulosa cells in response to endogenous stressors
12:45-01:10 PM	Dr. Prakash Haloi , <i>Amity Institute of Pharmacy, AUUP, Noida</i> Preclinical Models for the Development of Immune-oncology (I-O) Therapies: Recent Progress, Challenges, and Future Prospects

Lunch Break: 1:10-2:00 PM (I-2, Moot Court Lounge)

Session 02: Lab Demonstration (2:00-4:00 PM)

Hands-on Training on Immune Cell Isolation and their Functional Analysis

Faculties –Dr. Hridayesh Prakash, Amity Centre for Translational Research, Amity University, NoidaDr. Prakash Haloi,Amity Institute of Pharmacy, Amity University, NoidaDr. Rajesh Aggarwal,Modimuni Pharma, Modi Nagar, UP

Session 03: Immune Pharmaceuticals: Immunology meets Pharmacology Session Chairs– Dr. Tanveer Naved and Dr. Navkiran Kaur 4:00 – 5:30 PM

4:00-4:20 PM	Dr. Rajni Mathur, <i>Delhi Pharmaceuticals Science and Research University, New Delhi</i> Multiple molecular targets of brucine: anti-carcinogenic mechanisms
4:20-4:40 PM	Dr. Viney Lather, <i>Amity Institute of Pharmacy, AUUP, Noida</i> Immunoinformatic: In silico Approaches in Immunopharmacology
4:40-5:00 PM	Dr. Pramod Kumar Gautam, All India Institute of Medical Sciences, New Delhi Exploring Early-Stage Breast Cancer Detection and the Potential of Macrophage-Based Therapies i
	Closing ceremony
	I-2, Moot Court Hall
5:30- 5:35 PM 5:35- 5:40 PM 5:40- 5:50 PM 5:55- 6:00 PM	Concluding Remarks: by Prof. B C Das, Chairperson, GCC-2025 Dr. Subhrajit Biswas, Convenor, GCC-2025 Report presentation Dr Hridayesh Prakash, Organizing Secretary, GCC-2025 Vote of Thanks: Dr. Manoj Garg, Joint Organizing Secretary GCC-2025
6:00- 6:30 PM	High Tea







5th International Global Cancer Consortium Conference

Advances in Cancer and Cancer Immunotherapy: January 29-31, 2025

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Amity Centre for Translational Research, Amity University Uttar Pradesh, Noida, India

Day 1: January 29, 2025 (Wednesday)

9.00 -10.30 AM	Registration at I-2, Moot Court Hall and Foyer	
Inauguration and Welcome 09:30–10.30 AM	9.30-9.35PM	Lightening of lamp and Saraswati Vandana
	9:35-9:40 AM	Opening Remarks & Welcome address Prof. B C Das, Chairperson, GCC-2025 Dr. Subhrajit Biswas, Convenor, GCC-2025
	9:40-9:45 AM	Prof. Hridayesh Prakash, Welcome & Briefing of the conference, Organizing Secretary, GCC-2025
	9:45-9:50 AM	Dr. Vivek M. Rangnekar, Address and briefing about GCC Founding Chair, Global Cancer Consortium
	9:50-9.55 AM	Address about Amity University
		Dr. W. Selvamurthy, President, ASTIF, Amity University, Noida
	9.55-10:00 AM	Address by Dr. Balvindar Shukla, Vice Chancellor, Amity University, Noida
	10:00-10:15 AM	Inaugural Address by Chief Guest Dr. Rajiv Behl Secretary, DHR and Director General , ICMR Government of India (online mode)
	10:15-10:30 AM	Address by Dr. G.P. Talwar, Founder, Talwar Foundation, Neb-Sarai, New Delhi Dr. N.K. Mehra, Vice President INSA, India
	10:30-10:40AM	Dr GK Rath, Ex chief IRCH AIIMS Blessing and the way forward by Dr. Ashok K. Chauhan, Hon'ble Founder President, Amity Education
		Group
	10.40-10.45 AM	Vote of thanks: Dr. Sonia Kapoor, Treasurer , GCC-2025
Keynote Lecture Session Chairs: Dr. Ashok Venkatraman, Director, Cancer Science Institute, NUS, Singapore Dr. Vivek M. Rangnekar, Founding Chair, Global Cancer Consortium		
	10:50-11:20 AM	Dr. Danny Welch, Associate Director, Kansas University Cancer Center Kansas, USA. Forgotten Genome: Contributions of Mitochondrial Genetics in Cancer Metastasis and Immune Functions

Tea Break

Session 1: Tumor Microenvironment and Immunity (I-2, Moot Court Hall) Session Chairs: Dr. B C Das , AUUP , India and Dr. Céline Gongora, INSERM, France

11:40-12:00 PM	Dr. Ashok Venkitraman (online) Cancer Sciences Institute, NUS, Singapore	Metabolic triggers for cancer evolution
12.00-12.20 PM	Dr. Manash K. Paul Manipal Academy of Higher Education, India	IRF1 shows opposing functions in tumor cell- intrinsic and -extrinsic mechanisms of anti- tumor immunity
12:20-12:40 PM	Dr. Gopal Kundu <i>KIITS, India</i>	Therapeutic targeting of osteopontin and associated genes in breast and other cancers
12:40-01:00 PM	Dr. Girdhari Lal National Centre of Cell Sciences, India	Neuro-immune communication of serotonin receptors in anti-tumor immunity

Poster Presentation & Lunch Break: 1:00-2:00PM @ I -2, Foyer

Session 2: Emerging Cancer Immunotherapy (I-2, Moot Court Hall)

Session Chairs – Dr. Amit Awasthi, THISTI, India and Dr. Sergei Nedospasov, EIMB, Russia

2:00-2:20 PM	Dr. John Silke (online) <i>Walter Elisa Hall Institute, Australia</i>	Watch your mouth: Advances in detection and treatment of oral cancer
2:20-2:40 PM	Dr. Philipp Beckhove (online) Leibniz Institute for Interventional Immunotherapy, Germany	<i>Tumor intrinsic immune resistance of PDAC</i>
2:40-3:00 PM	Dr. Lucas Flatz University of Tübingen, Germany	Mechanisms of immune checkpoint blockade triggered autoimmune responses
3:00-3:20 PM	Dr. Kumar Prabhash ACTREC, India	Immunotherapy (check point inhibitors) and solutions to Indian patients

Session 3: Drug Resistance and Cancer Therapy

Session Chairs: Dr. Kumar Prabhas, ACTREC, India and Dr. Lucas Flatz, University of Tübingen, Germany

3:20-3:40 PM	Dr. Sagar Sengupta Director, National institute of Biomedical Genomics, India	Remodeling of the epigenome: link to chemosensitivity and adjunct therapy in colon cancer	
3:40-4:00 PM	Dr. Hari Kumar B Rajiv Gandhi Centre for Biotechnology, India	Sensitizing of colorectal cancers to checkpoint inhibitors through sphingolipids signaling	
4:00-4:20 PM	Dr. Bramanandam Manavathi University of Hyderabad, India	HPIP signaling drives phenotypic plasticity and tumor progression	
Tea Break (5:00–5:15 PM) I -2, Moot Court Lounge			
Keynote Lectures			
Session Chairs: Dr.	Danny Welch, KUCC, USA and Dr. Gopal Kun	du, KIITS, India	
5:15-6:00 PM	Dr. Luca Gattinoni (online) Leibniz Institute for Immunotherapy, Germany	Counteracting T-cell exhaustion: T-cell therapy meets organelle medicine	
6:00-6:45 PM	Dr. Keith Knutson, (online) <i>Mayo Clinic, Florida, USA</i>	Ex vivo engineered dendritic cell cancer vaccines	
7:30-10:00 PM Conference Dinner (Golf Course , Sector 38, NOIDA) By Invite only			

Day 2: January 30, 2025 (Thursday)

Parallel Session 4: Stem Cell/CAR-T Cell/Macrophage Therapy (I-2, Moot Court Hall) Session Chairs: Dr. Rama Khokha and Dr. Hridayesh Prakash

9:30-9:50 AM	Dr. Céline Gongora <i>INSERM, France</i>	The oxaliplatin, ATR inhibitor and anti-PD-1 antibody combination eradicates colon cancer, induces local and systemic changes in the immune compartment, and protects against tumor re-challenge.
9:50-10:10 AM	Dr (Prof) Vijay Patil SunAct CAncer Institute Private Limited, Mumbai	CAR T-Cell Therapy in CNS Tumors: Opportunities and Challenges
10:10-10:30 AM	Dr. Hemant Malhotra Mahatma Gandhi Medical College, India	Chronic Myeloid Leukemia in India: Some problems, perspectives, and solutions
10:30-10:50 AM	Dr. Shridar Ganesan New York University, USA	Monitoring clonal dynamics of cancer in the clinic

Parallel Session 5: Cancer Biomarkers and Vaccine (F3 Seminar Hall)

Session Chairs: Dr. Hemant Malhotra and Dr. Sridhar Ganesan

9:30-9:50 AM	Dr. Saran Kumar Indian Institute of Technology, New Delhi	Understanding Glioblastoma Tumor Diversity: Insights from Differential Perfusion Studies
9:50-10:10 AM	Dr. Punit Prasad Institute of Life Sciences, India	Insights into the epigenetic mechanisms driving Acute Myeloid Leukemia (AML)
10:10-10:30 AM	Dr. Amit Dutt South Campus, University of Delhi, India	Genetic insights into lung cancer resistance to targeted therapy
10:30-10:50 AM	Dr. Sanjivan Gautam (online) <i>AstraZeneca, Gaithersburg, USA</i>	Modulating T cell for adoptive cell therapy

Tea Break (10:50-11:00 AM)

Parallel Session 6: Short Talks (F3 Seminar Hall)

Session Chairs: Dr. Ranjeet K. Sahoo, AIIMS, Delhi and Dr. Jyoto Kode, ACTREC, India

11:00 -11:10 AM	Dr. Shanti Bhusan Senapati <i>ILS- Bubneshwar, India</i>	A novel probiotic combination suppressed dietary cholesterol and cholic acid induced fatty liver and pancreatic cancer progression in vivo
11:10 -11:20 AM	Dr. Swathi Deepak Kulkarni UCLA, USA	The usefulness of curcumin for immunotherapy
11:20 -11:30 AM	Dr. Dil-Afroze <i>Sher Kashmir Institute of Medical</i> <i>Sciences, India</i>	Navigating the helicobacter pylori driven immune landscape from inflammation to gastric carcinogenesis
11:30 -11:40 AM	Dr. Deepika Verma <i>University of Delhi, India</i>	Evaluation of a nticancer potential of Bryonia extract a novel formulation for HCC
11:40-11:50 AM	Dr Pallavi Agarwal AIMMCR , New Delhi	Epigenetic targeting of MECOM dependency in ovarian cancer
11.50-12.00 PM	Dr. Gunjan Mandal <i>DBT-ILS-Bhubaneswar, India</i>	Oligoclonal B cell responses in tertiary lymphoid structures antagonize human ovarian cancer progression.
12:00-12:10 PM	Dr. Abarna Sinha <i>National Institute of Biomedical</i> <i>Genomics, India</i>	<i>Distinct ceRNA molecular signatures of clinical relevance prevalent in HPV16 positive cervical cancers</i>
12:10-12:20 PM	Dr. Pratibha Srivastava Agharkar Research Institute, India	Conversion of edible fruit waste into useful products for cancer prevention

Oral presentation (From Shortlisted Abstracts): I-2 Moot Court

Session Chairs: Dr. Amit Dutt, Dr. Subhrajit Biswas, Dr. Manoj Garg

11:00 -11:10 AM		Concurrent Hypoxia and Death imparts Immune conditioning potential in Hemopoietic stem cells
11:10-11:20 AM		STAT3 Modulation in Obesity-Driven Pancreatic Cancer: Implications for T Cell-Mediated Immunity and Tumor Progression
11:20 -11:30 AM	· · · J · · · · · · · · · · · · · · · · · · ·	Investigating therapeutic implications of Intratumoral heterogeneity in triple-negative breast cancer-Spatial transcriptomics and organoids models
11:30-11:40 AM	Bimal Prasad Jit	POTEE-Notch1 signaling cross talk: A potential regulator of signaling pathway and governs oncogenic phenotype in epithelial ovarian cancer
11:40-11:50 AM		CHST4 and Its Role in Gallbladder Cancer Susceptibility: Mucin Expression Modulation via Keratan Sulfate Pathways
11.50-12.00 PM	Joni Yadav	Head and Neck Cancer Exosomes: Key Players in Macrophage Functional Modulation
12:00-12:10 PM	Koushik Mondal	The CCR8-CCL18 chemokine receptor axis could influence the immunosuppression of rectal adenocarcinoma
12:10-12:20 PM	Unnathi Shetty	Investigation of CYP2D6 C100T Allele Frequency in Lung Cancer Patients at a Tertiary Care Hospital in Southern India
12.20- 12.30 PM	Vaibhav Jain	Targeting UGCG-dependent lipid remodeling overcomes resistance to lysosomal autophagy inhibition in cancer
12.30-12.40 PM	Vivek Uttam	Immune-related long non-coding RNA signature in esophageal cancer
12.40-12.50 PM	Ayush Khandelwal	Exploring the role of MEF2A (Myocyte Enhancer Factor 2A) in cervical cancer
12.50-1.00 PM	Deepshikha Singh	G-quadruplex Structures in Dysregulated Long Non-Coding RNA of Ovarian Cancer and their Binding Interactions with Human Serum Albumin

Poster Presentation & Lunch Break: 1:00-2:00PM @ I -2, Foyer

Parallel Session 7: Translational Cancer Research (I-2, Moot Court)

Session Chairs: Dr. Rama Khokha, University of Toronto, Canada, Dr. Manoj Garg, AUUP, India

2:00-2:20 PM	Dr. Andreas Weigert (Online) Goethe University, Germany	Interfering with apoptotic cell-derived signals in cancer
2:20-2:40 PM	Dr. Rama Khokha <i>University of Toronto, Canada</i>	De-convoluting cancer precursors for primary cancer prevention
2:40-3:00 PM	Dr. Sergei Nedospasov Engelhardt Institute of Molecular Biology, Russia	IL-6, Akkermansia muciniphila and colorectal cancer
3:00-3:20 PM	Dr. Sharmila Sengupta <i>Saroj Gupta Cancer Centre and Research</i> <i>Institute, India</i>	Integrative genomic and transcriptomic analysis of HPV16 related tumour immune microenvironments
3:20-3:40 PM	Dr. Satyendra Kumar Singh KGMU-Lucknow, India	Novel markers of epithelial to mesenchymal transition in oral squamous cell carcinoma

Parallel Session 8: Tumor Microenvironment and Genomics (F3 Seminar Hall)

Session Chairs: Dr. Gaurisankar Sa Bose Institute, Kolkata, India and Dr. Sonia Kapoor, AIMMSCR, India

2:00-2:20 PM	Dr. Ashok Kumar <i>AIIMS Bhopal, India</i>	Development of a silk-alginate-based 3-dimensional tumor model: Targeting S1P signaling for oral cancer therapy
2:20-2:40 PM	Dr. Rajender K Motiani <i>Regional Centre for Biotechnology, India</i>	Saga of oncochannel Orai3 in pancreatic cancer progression: From discovery to delineating role in metastasis and chemoresistance
2:40-3:00 PM	Dr. Nandini Verma <i>ACTREC, India</i>	Title: Hyperphosphorylation state of tyrosine kinases creates a targetable vulnerability in drug-tolerant triple negative breast cancer
3:00-3:20 PM	Dr. Sharath Chandra ACTREC, India	IGFBPs shape distinct CAF sub-populations in the tumour-microenvironment
3:20-3:40 PM	Dr. Tapas Kundu JNCASR, India	Epigenetic regulation of oral cancer: Implications in diagnostics and therapeutics

Tea Break (3:40-4:00 PM)

Parallel Session 9: Cancer targeted therapies (I-2 Moot Court)

Session Chairs: Dr. Sushanta R Choudhary, SGCCRI India and Dr. Ashok Kumar Barnawal, AIIMS, Bhopal

4:00-4:20 PM	Dr. Ashok Kumar <i>AIIMS , New Delhi , India</i>	The iOncology.ai Platform:
4:20-4:40 PM	Dr. Daman Saluja ACBR , New Delhi , India	An Integrative Approach to Identify and Analyse the Clinicopathological Significance of p73-Regulated Biomarkers in Colorectal Cancer
4:40-5:00 PM	Dr. Gaurisankar Sa <i>Bose Institute, Kolkata, India</i>	Cancer immunotherapy and beyond
5:00-5:20 PM	Dr. Avinash Sonawane , <i>IIT Indore, India</i>	Development of Novel M-ASPAR drug to improve treatment of primary and relapse acute lymphatic leukemia
5:20-5:30 PM	Dr. Neha Arya AIIMS Bhopal	Breast cancer-tumor microenvironment crosstalk: A perspective using bioengineered 3-D ex vivo tumor models
5.30-5.40 PM	Dr Nialanjana Basu , AIISM, Amity University	The anticancer impact of <i>Arsenicum album</i> on hormone-dependent breast cancer cells

Parallel Session 11: Cancer targeted therapies (F3 Seminar Hall)

Session Chairs: Dr. Kumar Somasundaram, IISC, India and Dr. Aklank Jain, CUP, India

4:00-4:20 PM	Dr. Avinash Bajaj <i>RCB Faridabad , India</i>	Targeting of Triangular Neuron-Cancer Immune Cell Cross-talk as a Potential Ca. Immunotherapy Strategy	
4:20-4:40 PM	Dr. Alok C. Bharti Delhi University, India	Phytochemicals for targeting cervical ca stem cells: A treasure trove of future anti-ca therapies	
4:40-5:00 PM	Dr Mausami Bhardwaj ICMR – NICPR India	Role of oral microbiome and their targe therapies among smokeless tobacco user panel	
5:00-5:20 PM	Dr. Jayanta Bhattacharyya Indian Institute of Technology, Delhi, Inc	An agonist-engineered immunosome modul dia tumor microenvironment, overcomes toxici and provides durable anti-tumor immunity	
Chair: Dr. Prasanna Venkatraman, President, GCC South Asia Chapter, Deputy Director, ACTREC, Mumbai, India			
5:30-6:30 PM	Dr. Kumar Prabhash, MD, D ACTREC, TMC, Navi Mumbai, India		in
Social Evening with Lite Bites, I-2 Moot Court Hall (Indian Traditional Culture Program)			
7.30—9.3	0 PM	Dinner Amity University Open Court	

Day 3: Friday, January 31, 2025

Session 13: Traditional and Alternative Medicine in Cancer Therapy I-2, Moot Court Hall

Session Chairs: Dr. Girdhari Lal and Dr. Swathi Deepak Kulkarni, UCLA, USA

9:30-10.15 AM	Dr .Jose Ramon Conejo Garcia (online) <i>Duke University , USA</i>	A NOVEL "off – the – shelf CAR T cell- The treatment of solid tumors
10.15-10.35 AM	Dr Subir Biswas , ACTREC Mumbai	Perspective of spontaneous ant tumor response : Role of healthy microbiota
10.35-10.55AM	Dr Showkat Hussain ICMR NICPR India	Molecular update on cervical carcinogenesis : Pathways to precision medicine
10.55 -11:15 AM	Dr. Bernard Perbal (online) International CCN Society, Germany	CCN family immunotherapy of proteins and Cancer
11.15 – 11.35 AM	Dr Susanta Roy Chaudhary SGCCRI Kolkata	Clinical Implication of p53 mutation in Cancer

Tea Break (11.35-11.50 AM)

Session 14: Role of Artificial Intelligence, Cardio-Oncology and Challenge in Cancer Treatment : F3 seminar hall

Session Chairs: Dr. Subhrajit Biswas, AUUP, India and Dr. Puniti Mathur, AIB, India

9:30-10.00 AM	Dr. M. K. Dutta	Artificial intelligence applications in
	Amity University, Noida, India	c ancer therapy
10.00-10:20 AM	Dr. Seema Bhatnagar	Folate Receptor Targeted Smart Drug Delivery
	AIB, Amity University , NOIDA	of Curcumin to Cancer and Cancer Stem Cells in
		TNBC.
10:20-10:50 AM	Dr. Purvish Parikh	Geriatric oncology - A tsunami around the corner
	Asian Cardio-Oncology Society, India	
10:50-11:10 AM	Dr. Monika Bhardwaj	Autophagy: Yardstick of effective immunity
	ACTR-Noida, India	against cancer
11.10 - 11.35	Dr Sunil Martin	Engineering αβ and γδ T cells for adoptive
	BRIC RGCB Thiruvananthapuram	immunotherapy

Lunch Break: 12:30–1:30 PM, I-2, Moot Court Lounge

Valedictory Program and Closing Ceremony I-2, Moot Court Hall

2.00 PM onwards	Chief Guest
	Dr N . K Ganguly (Ex DG ICMR , Govt of India)
	Concluding Remarks
	Dr. B C Das, Chairperson, GCC-2025
	Dr. Vivek M Rangekar, Founding Chair, GCC
	Conference Report
	Dr. Subhrajit Biswas, Convenor, GCC-2025
	Special Address
	Dr. Balvindar Shukla, Vice Chancellor, Amity University, Noida, India
	Dr. W. Selvamurthy, President, ASTIF, Noida, India
	Chief Guest
	Dr. Atul Chauhan, Hon'ble Chancellor, AUUP
	Prize Distribution
	Way forward
	Dr. Ashok K. Chauhan, Hon'ble Founder President , Amity Education Group
	Vote of Thanks:
	Dr. Manoj Garg, Joint Secretary GCC-2025

3.30:-3:45 PM Group Photograph

