



41st Annual International Conference of Indian Association for Cancer Research (IACR) IACR-2022



“Combating Cancer: Biology to Therapy to Drug Resistance” & An International Symposium on: Cancer & Stem Cells

March 2nd to 5th, 2022

DETAILED SCIENTIFIC PROGRAM

March 2, 2022 (Wednesday)

| Time | Session | Hall |
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| 8:00 – 9:00 AM | Registration (Registration remains open all day) | E2 Foyer, E2 Block |
| Session 1: Welcome and Opening Session 9:00 – 11:00 AM | | E2 Auditorium E2 Block, LG Floor |
| Session 1A 9:00 – 10:00 AM | 09:00 – 09:05 AM | Welcome by Organizing Secretary Bhudev C. Das , <i>Chairman, AIMMSCR, Dean, Health and Allied Sciences, Amity University Uttar Pradesh, Noida</i> |
| | 09:05 – 09:10 AM | Welcome by Conference Chairperson Partha P. Majumder , <i>National Science Chair; Distinguished Professor and Founder, NIBMG, Kalyani, Kolkata</i> |
| | 09:10 – 09:15 AM | Welcome and Introduction of Prof. M. G. Deo Oration Priya Srinivas , <i>General Secretary, IACR, RGCB, Trivandrum</i> |
| | Session Chair: G. K. Rath , <i>AIIMS, New Delhi</i> Chairs: Rita Mulherkar , <i>ACTREC, Mumbai</i> | |
| | 09:15 – 09:55 AM | Prof. Neeta Singh (Prof. M. G. Deo Oration Lecture) , <i>Ex Prof & HOD Department of Biochemistry, AIIMS, New Delhi</i> ‘Hope-fields in the cancer heist game’ |
| | 09:55 – 10:00 AM | Felicitation of Prof. Neeta Singh , <i>AIIMS, New Delhi</i> |

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| Session 1B 10:00 – 11:00 AM | Plenary lectures: Challenges in Translational Cancer Research | | E2 Auditorium E2 Block, LG Floor |
| | Session Chairs: | Partha P. Majumder, NIBMG, Kolkata Neeta Singh, AIIMS, New Delhi | |
| | 10:00 – 10:30 AM | G. K. Rath, IRCH, AIIMS, New Delhi <i>'Translational cancer research in India: challenges and promises'</i> | |
| | 10:30 – 11:00 AM | Ashok Venkitaraman, MRC, Cambridge & CSI, Singapore <i>'From Cancer Susceptibility mechanisms towards early intervention in cancer'</i> | |
| High TEA: 11:00 – 11:15 AM E2 Auditorium Foyer | | | |
| Session 2 (Parallel Sessions) 11:15 AM – 1:35 PM | | | |
| Session 2A Molecular Oncology and Cell Signalling [E2 Auditorium] | | Session 2B Cancer & Stem Cells [F1 Seminar Hall] | Session 2C Drug Resistance & Cancer Recurrence [F2 Auditorium] |
| Session Chairs: Bushra Ateeq, IIT Kanpur Manoj Garg, AUUP, Noida | | Session Chairs: Sujata Mohanty, AIIMS, New Delhi Simran Tandon, AUP, Mohali | Session Chairs: T. Rajkumar, WIA, Chennai Pallavi Agarwal, AUUP, Noida |
| 11:15 – 11:35 AM | | | |
| Gautam Sethi, NUS, Singapore <i>'Pharmacological modulation of transcription factor STAT3 for cancer therapy'</i> | | T. S. Ganesan, SRIHER, Chennai <i>'Towards the development of stem cell models for cancer'</i> | T. Rajkumar, WIA, Chennai <i>'Bedside to Bench to Bedside: Overcoming drug resistance in osteosarcoma'</i> |
| 11:35 – 11:55 AM | | | |
| Bharat B Aggarwal, Inflammation Research Center, San Diego, California | | Sujata Mohanty, AIIMS, New Delhi <i>'Dual Role of Extracellular Vesicles in Cancer Relapse and Resistance'</i> | Rana Pratap Singh, JNU, New Delhi <i>'Role of EGFR Signalling in Developing Intrinsic and Therapeutic Resistance in Cancer'</i> |

11:55 – 12:15 PM

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| Sharmila Sengupta, NIBMG, Kolkata <i>'Tumour heterogeneity in cervical cancers: a tail of two genomes'</i> | Sharmila Bapat, NCCS, Pune <i>'Cancer stem cells, Phenotypic Plasticity and Drug resistance'</i> | Daman Saluja, ACBR, DU, New Delhi <i>'Development of novel therapeutic strategies against Cancer: Targeting stem cell differentiation by natural compound, Esculetin'</i> |
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12:15 – 12:35 PM

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| Bushra Ateeq, IIT, Kanpur <i>'A body patterning gene, Distal-less homeobox-1 drives prostate cancer'</i> | Bikul Das, Thoreau Lab, Boston, USA; Kavikrishna Laboratory, IIT Guwahati <i>'The hypoxic Niche of Cancer Stem Cells: The site for Tumor Stemness Switch'</i> | Hifzur R. Siddiqui, AMU, Aligarh <i>'Chemo-sensitization of the Enzalutamide-resistant Prostate Cancer Stem'</i> |
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12:35 – 12:55 PM

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| Alok C. Bharti, Delhi University <i>'Dissecting the Interplay of STAT3 with key Host Transcription Factors Involved in Expression of Human Papillomavirus Oncogenes'</i> | Tanya Das, JC Bose Institute, Kolkata <i>'Immune evasion by cancer stem cells during tumor initiation: Role of exosomal FoxP3'</i> | Dulal Panda, NIPER, Mohali <i>'Opportunities and Challenges of Microtubule-targeted Cancer Chemotherapy'</i> |
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12:55 – 1:15 PM

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| Ashok Sharma, AIIMS & NCI, New Delhi <i>'Structural and Functional Regulation of Cancer-Testis/Germline Antigen POTE in Human Epithelial Ovarian Cancer'</i> | Shiv Sarin, ILBS, New Delhi <i>'Fecal Microbiota Transplant in Alcoholic Hepatitis'</i> | Mehdi H. Shahi, AMU, Aligarh <i>'Differential regulation of homeodomain transcription factor Pax6 in glioblastoma growth and drug resistance'</i> |
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1:15 – 1:35 PM

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| Neeraj Jain, CUST, Changa <i>'Effect of Magnetic Fluid Hyperthermia on Cancer Cells In vitro'</i> | Vibha Tandon, JNU, New Delhi <i>'DMA, a small molecule increases median survival and reduce radiation-induced xerostomia via activation of ERK1/2 pathway in Oral Squamous Cell Carcinoma'</i> | Ravi Shankar Akundi, SAU, New Delhi, India <i>'Purinergic receptor antagonists reduce cyclooxygenase 2-dependent cancer cell migration and invasion'</i> |
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Lunch: 1:35 PM – 2:30 PM
F2 Foyer (Backside)

Session 3 (Parallel Sessions)**2:30 PM – 3:30 PM**

| Session 3A Omics & Artificial Intelligence [E2 Auditorium] | Session 3B Neuro-oncology [F1 Seminar Hall] | Session 3C Cancer Biomarkers [F2 Auditorium] |
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| <p>Session Chairs:</p> <p>R. N. K. Bamezai, <i>University of Delhi</i>, Dhruv Kumar, <i>AUUP, Noida</i></p> | <p>Session Chairs:</p> <p>Subrata Sinha, <i>NBRC, Manesar</i> B. N. Mallick, <i>AINN, AUUP, Noida</i></p> | <p>Session Chairs:</p> <p>Chanderdeep Tandon, <i>AUP, Mohali</i> Jayasha Shandilya, <i>AUUP, Noida</i></p> |
| 2:30 – 2:50 PM | | |
| <p>Partha P. Majumder, <i>NIBMG, Kolkata</i> <i>'A genomic perspective on consistently progressive alterations from normal through leukoplakia to oral cancer'</i></p> | <p>Subrata Sinha, <i>AIIMS, New Delhi</i> <i>'Going beyond molecular classification: genes, phenotype and tumour response'</i></p> | <p>John Silke, <i>WEHI, Melbourne, Australia</i> <i>'Don't look a gift horse in the mouth: Improving Head and Neck Cancer outcomes with new approaches to diagnosis'</i></p> |
| 2:50 – 3:10 PM | | |
| <p>Chinmay K. Panda, <i>CNCI, Kolkata</i> <i>'Cellular pathways associated with development of uterine cervical carcinoma: Clinical implications'</i></p> | <p>Ritu Kulshrestha, <i>IIT, New Delhi</i> <i>'Deciphering the significance of EzH2: microRNA association in glioblastoma'</i></p> | <p>Srikanta Goswami, <i>NIBMG, Kolkata</i> <i>'Molecular dissection of pathogenesis of pancreatic malignancy from chronic inflammation of pancreas'</i></p> |
| 3:10 – 3:30 PM | | |
| <p>Harpreet Singh, <i>AIIMS, New Delhi</i> <i>'Computational predictive analysis of treatment response assessment'</i></p> | <p>Prasun K. Roy, <i>IIT, BHU, Banaras</i> <i>'MRI-DTI-fMRI aided Personalized Therapy Planning in Neuro-oncology using 3-D Lamellar Segmented Architecture of Brain'</i></p> | <p>Sagar Sengupta, <i>NII, New Delhi</i> <i>'DNA Damage Sensitive MicroRNAs: a sensitive tool for detection of early-stage colon cancer'</i></p> |
| <p>Tea Break: 3:30 to 4:30 PM</p> <p>IACR General Body Meeting</p> | | |

Session 4: Panel Discussion

4:30 – 6:00 PM

Non-Reproducible results in Science: Concerns and Ethics

**E2 Auditorium
Block E2
LG Floor**

Moderator & Co-ordinator:

Dr. Sudhir Krishna, NCBS, Bengaluru

Panel Members:

Dr. W. Selvamurthy, President, ASTIF, Amity University, Noida

Dr. Partha P. Majumder, NIBMG, Kalyani, Kolkata

Dr. Dimple Notani, NCBS, Bengaluru

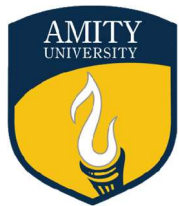
Dr. Neha Vyas, St. John's Research Institute, Bengaluru

Dr. Pradip Nair, Biocon Research Limited, Bengaluru

Dr. Kumarasamy Thangaraj, CCMB, Hyderabad

Dr. Sorab Dalal, ACTREC, Mumbai

Dr. Bhudev C. Das, Amity University, Noida



Programme Schedule: Inaugural Session
41st Annual International Conference of Indian Association for Cancer Research (IACR), IACR-2022

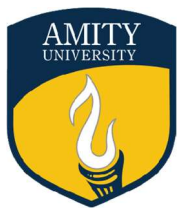


on
2nd March, 2022
Venue: E-2 Auditorium

Emcee - Prof. V. Pooja

| Time | Activity |
|------------------|---|
| 6:00 - 6:10 p.m. | Saraswathi Vandana & Lighting of lamp |
| 6:10 - 6:15 p.m. | Welcome Address by Organizing Secretary, Prof. Dr. Bhudev C. Das, <i>Chairman, AIMMSCR, Dean, Health and Allied Sciences, Amity University Uttar Pradesh, Noida</i> |
| 6:15 - 6:20 p.m. | Opening Address by Chairperson, Prof. Dr. Partha P. Majumder, <i>National Science Chair; Distinguished Professor and Founder, NIBMG, Kalyani, Kolkata</i> |
| 6:20- 6: 25 p.m. | Briefing about IACR by Dr. Priya Srinivas, <i>General Secretary, IACR, RGCB, Trivandrum</i> |
| 6:25 - 6:30 p.m. | Briefing of the Conference by Prof. Subhrajit Biswas, <i>Convener IACR-2022, AUUP, Noida</i> |
| 6:30 - 6:35 p.m. | Welcome address by Dr. W. Selvamurthy, <i>Chancellor, Amity University Chhattisgarh & President, ASTIF, Amity University Uttar Pradesh, Noida</i> |
| 6:35 - 6:40 p.m. | Inaugural address by Prof. Dr. Balvinder Shukla, <i>Vice Chancellor, Amity University Uttar Pradesh, Noida</i> |
| 6:40 - 6:45 p.m. | Words of Wisdom by Dr. Aseem Chauhan, <i>Hon'ble Addl. President RBEF & Hon'ble Chancellor, AUH</i> |
| 6:45 - 6:50 p.m. | Visionary thoughts by Dr. Atul Chauhan, <i>Hon'ble President RBEF & Chancellor AUUP</i> |
| 6:50 - 7:15 p.m. | Inauguration by Chief Guest, Prof. Balram Bhargava, <i>Secretary DHR & Director General ICMR</i> |
| 7:15 - 7:20 p.m. | Introduction of Keynote Speaker, Prof. Robert A. Weinberg by Dr. Manoj Garg, <i>Joint-Organizing Secretary, IACR-2022</i> |

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| 7:20 –8:20 p.m. | Prof. Dr. Robert A. Weinberg (45 Mins Talk & 15 Discussion) <i>Daniel K. Ludwig Professor for Cancer Research Whitehead Institute, MIT, USA</i> |
| 8:20 – 8:30 pm | 'Way Ahead & Road Map for the Future' by Dr Ashok K. Chauhan, Hon'ble Founder President |
| SPECIAL CONVOCATION | |
| 8:30 –8:31 p.m. | Start of the session by MoC |
| 8:31 –8:36 p.m. | Dr. Atul Chauhan, Hon'ble Chancellor AUUP declares the convocation open and delivers welcome address: Hon'ble VC to present |
| 8:36 –8:38 p.m. | Hon'ble Chancellor to Confer Honorary Doctorate Prof. (Dr.) Robert A. Weinberg in presence of Dr. Ashok K. Chauhan, Hon'ble Founder President, Amity education Group Dr. Aseem Chauhan, Hon'ble Chancellor, Amity University, Haryana Prof. (Dr.) Balvinder Shukla, Vice Chancellor, AUUP Dr. W. Selvamurthy, President, ASTIF, Amity University Prof. Dr. Bhudev C. Das, Chairman, AIMMSCR & Dean, Health and Allied Sciences, Amity University Uttar Pradesh, Noida Citation to be read by Prof. Dr. B.C. Das |
| 8:38 – 8:45 p.m. | Acceptance Speech by Prof. Dr. Robert A. Weinberg |
| 8:45 p.m. | Hon'ble Chancellor AUUP Declares the Convocation CLOSED |
| 8:45 – 8:50 p.m. | Vote of Thanks by Dr. Dhruv Kumar, Joint-Organizing Secretary, IACR-2022 |
| 8:50 p.m. onwards | Dinner at Amity University, Noida |



41st Annual International Conference of Indian Association for Cancer Research (IACR) IACR-2022



on

March 3, 2022 (Thursday)

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| Session 1: Plenary Lectures: Latest Trends in Cancer Research | | E2 Auditorium Block E2 LG Floor |
| 9:00 to 11:00 AM | | |
| Session Chairs: Kumar Somasundaram, IISC, Bengaluru Maqsood Siddiqi, Cancer Foundation of India, Kolkata | | |
| 09:00 to 09:25 AM | Alok Khorana, Cleveland Clinic, Cleveland, USA <i>'The Mysterious Rise of Young-Onset Colorectal Cancer: Insights from Microbiomics and Practical Applications'</i> | |
| 09:25 to 9:50 AM | Rama Khokha, Princess Margret Cancer Center, University of Toronto, Canada <i>'Mammary OMICs guided interception in breast cancer'</i> | |
| 9:50 to 10:15 AM | Kenneth Ramos, Texas A& M Institute of Biosciences and Technology, Texas, USA <i>'Activation of LINE-1 retrotransposon is associated with disruption of NuRD corepressor functions and induction of oncogenic phenotypes in human bronchial epithelial cells'</i> | |
| 10:15 to 10:40 AM | Tej K. Pandita, Centre for Genomics and Precision Medicine, Houston, Texas, USA <i>'Pre-existing H4K16ac levels by MOF drive DNA repair by homologous recombination in euchromatin'</i> | |
| Tea break: 10:40 to 11:00 AM | | |
| Session 2: IACR Mid-Level Scientist Oral Presentation Award | | E2 Auditorium Block E2 LG Floor |
| 11:00 – 1:15 PM | | |
| 11:00 – 1:15 PM | IACR-Dr. Virendra Balkrishna Kamat Award / Ram Nath Hiralal Jaju Award | |
| Lunch Break & Poster Presentation | | |
| 1:15 – 2:15 PM | | |

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| Session 3: IACR Young Scientist Oral Awards | | E2 Auditorium Block E2 LG Floor |
| 2:15 – 3:45 PM | | |
| 2:15 – 3:45 PM | IACR-Sitaram Jogleskar Award / Mangala Bamane Award | |
| Tea Break: 3:45 to 4:00 PM | | |

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| Session 4: Parallel Sessions | | |
| 4:00 PM – 5:00 PM | | |
| Session-4A | Session-4B | Session-4C |
| Molecular Targets, Therapeutics & Nanomedicine | Microbiome, Tumour Microenvironment and Metastasis | Public Health and Epidemiology |
| [E2 Auditorium] | [F1 Seminar Hall] | [F2 Auditorium] |
| Session Chairs: Gopal Kundu, KIIT, Bhubaneswar Subrata Pore, AIMMSCR, AUUP | Session Chairs: Danny Welch, KUMC, Kansas, USA Amit Dutt, ACTREC, Mumbai | Session Chairs: Partha Basu, IARC, WHO, France Hemant Malhotra, MGMC, Jaipur |
| 4:00 – 4:20 PM | | |
| Gopal Kundu, KIIT, Bhubaneswar <i>‘Understanding the Tumor Heterogeneity and Development of Multi-targeted Therapy in Breast and other Cancer’</i> | Amit Dutt, ACTREC, Mumbai <i>‘Genetic Alterations and Microbial Dysbiosis Underlie Lymph Nodal Metastasis in Tongue Cancer’</i> | Partha Basu, IARC, WHO, France <i>‘Efficacy of a single dose of HPV vaccine – game changer for India and world’</i> |
| 4:20 – 4:40 PM | | |
| Susanta Roychoudhury, CSIR-IICB & Saroj Gupta Cancer Centre & Research Institute, Kolkata <i>‘Gain-of-function mutant p53 promotes cancer cell stemness: a microRNA connection’</i> | Danny Welch, KUMC, Kansas, USA <i>‘Mitochondrial polymorphisms as contributors to cancer metastasis and other Diseases’</i> | Dr. Hemant Malhotra, MGMC, Jaipur <i>‘Molecular Targeted Therapies in Non-Small Cell Lung Cancer’</i> |
| 4:40 – 5:00 PM | | |

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| Debabrata Mukhopadhyay, Mayo Clinic, Florida <i>'Neuropilin-1, a master-controller of divergent signaling pathways, a "friend or foe"?'</i> | Sudhir Krishna, NCBS, Bengaluru <i>'Extrusion, a novel mechanism for dissemination of migratory subpopulations in cervical cancers'</i> | Dr. Neerja Bhatla, AIIMS, New Delhi <i>'Molecular testing for HPV: Reaching the Community for Cervical Cancer Elimination'</i> |
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| Session-5: Public Lecture and Keynote Lecture | | E2 Auditorium Block E2 LG Floor |
| 5:00 – 7:00 PM | | |
| Session Chairs: N. K Mehra, AIIMS, New, Delhi | | |
| 5:00 –5:30 PM | Public Lecture by Prof. N. K. Ganguly, Former DG, ICMR <i>'Cancer: Prevention, Treatment and National Policy'</i> | |
| Session Chairs: Tej Pandita, Centre for Genomics and Precision Medicine, Houston, Texas, USA Amit Dutt, ACTREC, Mumbai | | |
| 5:30 – 5:35 PM | Introduction of Keynote Speaker, Prof. Matthew L. Meyerson by Dr. Amit Dutt | |
| 5:35 – 6:35 PM | Prof. Dr. Matthew L. Meyerson, Dana Farber Cancer Institute, Boston, USA. (45 Minutes Talk and 15 Minutes discussion, Q&A) <i>'Somatic mutation, targeted therapies and germline risk in human lung Cancers'</i> | |
| 6:35 – 6:45 PM | 'Way Ahead & Road Map for the Future' by Dr Ashok K. Chauhan, Hon'ble Founder President | |
| SPECIAL CONVOCATION | | |
| 6:45 – 6:46 PM | Start of the session by MoC | |
| 6:46 – 6:51 PM | Dr. Atul Chauhan, Hon'ble Chancellor AUUP declares the convocation open and delivers welcome address: Hon'ble VC to present | |
| 6:51 – 6:53 PM | Hon'ble Chancellor to Confer Honorary Doctorate Prof. Dr. Matthew L Meyerson in presence of Dr. Ashok K. Chauhan, Hon'ble Founder President, Amity education Group Dr. Aseem Chauhan, Hon'ble Chancellor, Amity University. Haryana Prof. (Dr.) Balvinder Shukla, Vice Chancellor, AUUP Dr. W. Selvamurthy, President, ASTIF, Amity University Prof. Dr. Bhudev C. Das, Chairman, AIMMSCR & Dean, Health and Allied Sciences, Amity University Uttar Pradesh, Noida Citation to be read by Prof. Dr. B.C. Das | |
| 6:53 – 7:00 PM | Acceptance Speech by Prof. Dr. Matthew L. Meyerson | |
| 7:00 PM | Hon'ble Chancellor AUUP Declares the Convocation CLOSED | |

Banquet Dinner:

08:30 PM Onwards

**Sandal Suites, Lemon Tree Hotels,
Assotech Business Cresterra, 22, Noida Express way,
Sector 135, Noida**

Tel: +91-120-6233333

Email: hi.ssn@lemontreehotels.com

Link: <https://www.lemontreehotels.com/lemon-tree-hotel/noida/sandal-suites.aspx>

RSVP: Prof. (Dr.) Bhudev C Das

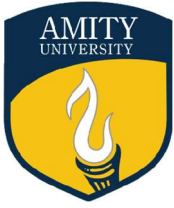
Dr. Subhrajit Biswas (9540946976)

Dr. Dhruv Kumar (7082436598)

Dr. Manoj Garg (9677218959)

Dr. Pallavi Agarwal (9871288982)

Dr. Manoj Kumar (8130606294)



41st Annual International Conference of Indian Association for Cancer Research (IACR)



IACR-2022

March 4, 2022 (Friday)

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| Session 1: Emerging Cancer Biomarkers & Therapeutics | | E2 Auditorium Block E2 LG Floor |
| 09:00 – 11:05 AM | | |
| Session Chairs: | Bharat B. Agarwal, MD Anderson Cancer Center, USA Sorab Dalal, ACTREC, Mumbai | |
| 09:00 to 09:25 AM | Peter E Lobie, TBSI-Shenzhen, China <i>'Novel Therapeutics in Oncology'</i> | |
| 09:25 to 9:50 AM | Jennifer Grandis, University of Kansas Medical Center, Kansas City, USA <i>'Targeting Signaling in Head and Neck Cancer'</i> | |
| 9:50 to 10:15 AM | Ajay Goel, City of Hope Medical Center, CA, USA <i>'Liquid Biopsy Biomarkers in Pancreatic Cancer'</i> | |
| 10:15 to 10:40 AM | Sushanta K. Banerjee, University of Kansas Medical Center, Kansas City, USA <i>'pH-Sensitive Nanodrugs for combination therapy of Pancreatic cancer'</i> | |
| 10:40 to 11:05 AM | Chitra Sarkar, All Indian Institute of Medical Sciences, New Delhi <i>'Impact of molecular classification on the diagnosis and clinical management of gliomas'</i> | |
| Tea Break: 11:05 to 11:20 AM | | |

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| Session 2 (Parallel Sessions) | | |
| 11:20 – 1:00 PM | | |
| Session-2A Amity Oral Presentation Awards [E2 Auditorium] | Session-2B Amity Oral Presentation Awards [F1 Seminar Hall] | Session-2C Amity Oral Presentation Awards [F2 Auditorium] |
| 10 speakers | 10 speakers | 10 speakers |

1:00 – 2:00 PM

Lunch Break & Poster Session

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| Session 3 | | E2 Auditorium Block E2 LG Floor |
| Amity Cancer Innovation Award Oral Presentations | | |
| 2:00 – 3:45 PM | Amity Cancer Innovation Award | |

Tea Break

3:45 - 4:00 PM

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| Session 4 (Parallel Sessions) | | |
| 4:00 to 5:20 PM | | |
| Session: 4A Cancer Epigenetics, Regulatory RNAs & Metabolism [E2 Auditorium] | Session: 4B Cell Death and Cancer [F1 Seminar Hall] | Session: 4C Cancer Immunology and Immunotherapy [F2 Auditorium] |
| Session Chairs: Arun Kumar, IISc, Bengaluru Sanjeev Shukla, IISER, Bhopal | Session Chairs: Sathees C. Raghavan, IISc, Bengaluru Seema Bhatnagar, AUUP, Noida | Session Chairs: Amit Awasthi, THISTI, Faridabad Subhrajit Biswas, AUUP, Noida |
| 4:00 –4:20 PM | | |
| Arun Kumar, IISc, Bengaluru <i>‘Emerging role of tumor suppressor microRNAs in oral squamous cell carcinoma’</i> | Thomas Kaufmann, University of Bern, Switzerland <i>‘The functions of the BCL-2 family member BOK and how its expression may be suppressed in cancer’</i> | Masatoshi Kudo, Osaka, Japan <i>‘Combination Immunotherapy for Hepatocellular Carcinoma’</i> |
| 4:20 –4:40 PM | | |
| Chandrima Das, SINP, Kolkata <i>‘Reprogramming the cancer epigenome by chromatin reader ZMYND8’</i> | Sorab Dalal, ACTREC, Mumbai <i>‘Lipocalin 2 expression promotes tumor progression and therapy resistance by inhibiting ferroptosis in colorectal cancer’</i> | Niel Olsen Camara, ICP-USP, Brazil <i>‘Metabolic regulation of T cells at the mucosa site in colon cancer’</i> |
| 4:40 –5:00 PM | | |

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| Sanjeev Shukla, IISER, Bhopal, India <i>'HIF-2α non-canonically regulates PFKFB3 expression to affect the proliferation of hypoxic breast cancer cells'</i> | S. Kannan, RCC, Trivandrum, India <i>Novel Tumor Suppressive Role of Mir-1237-3p in Oral Carcinoma</i> | Amit Awasthi, THISTI, Faridabad <i>'Metabolic regulation of IL-9-producing T helper cells'</i> |
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5:00 – 5:20 PM

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| Sachin Kumar, AIIMS, New Delhi <i>'Clinical Relevance of the Expression of Programmed Death-Ligand 1 (PD-L1) and Regulatory MicroRNAs in Lung Cancer'</i> | Sathees C. Raghavan, IISc, Bengaluru <i>Identification of novel NHEJ inhibitors with improved cancer therapeutic potential</i> | Suparno Chakrabarti, Dharamshila Narayana Superspeciality Hospital, New Delhi <i>'Memory of Natural Killer Cells- Adapting for Cancer Immunotherapy'</i> |
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Tea Break 5:20 – 5:35 PM

Session 5: 5:35 – 7:10 PM

Plenary Lecture & Panel Discussion

Session Chairs: **Dr. Suparno Chakrabarti, Dharamshila Narayana Super-Speciality Hospital, New Delhi**

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| 5:35 – 6:10 PM | Plenary Lecture by Dr. Lalit Kumar, AIIMS, New Delhi <i>'Stem cell transplantation with special reference to multiple myeloma'</i> |
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| 6:10 – 7:10 PM | Panel Discussion on 'The Role and Challenges of Women in Science, Cancer Research and Treatment' <u>Moderator & Co-ordinator:</u> Rita Mulherkar, ACTREC, Mumbai <u>Panel Members:</u> Dr. Chitra Sarkar, AIIMS, New Delhi Dr. Reena Nair, TMC, Kolkata Dr. Vineeta Goel, Cancer Institute, Fortis Hospital, New Delhi. Dr Neerja Bhatla, AIIMS, New Delhi Dr. Sharmila Bapat, NCCS, Pune Prof. Dr. Balvinder Shukla, VC, AUUP, Noida |
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| 7:10 – 8:10 PM | Cultural Program: Dr. Kajal Kanchan (Co-ordinator) <ul style="list-style-type: none">• Yoga Performance by Sri Tejasvi Sharma• Yoga Performance by Amity Students (AIISM)• Dance Performance (Pushpanjali Group) |
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Dinner at Amity Guest House

8:10 PM onwards



41st Annual International Conference of Indian Association for Cancer Research (IACR-2022)



March 5, 2022 (Saturday)

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|---|---|--|
| Session 1: Public & Plenary Lectures | | E2 Auditorium Block E2 LG Floor |
| 9:00 – 11:25 AM | | |
| Session 1A: Public Lecture | | |
| 9:00 – 9:45 AM | | |
| Session Chair: | Dr. Ajit K Nagpal , <i>Chairman & Director General, Amity University Middle East Initiatives Chairman Board of Governors, Ritnand Balved Medical Foundations</i> | |
| 09:00 to 09:45 AM | Public Lecture by Dr. Sandeep Kumar , <i>KGMU, Lucknow (TBC)</i> <i>‘Cancer Awareness for School Children (X to XII)’</i> | |
| Session 1B: Plenary Lectures | | |
| 9:45 – 11:25 AM | | |
| Session Chairs: | Tapas Kundu , <i>JNCASR, Bengaluru</i> Pravesh Mehra , <i>Lady Harding Medical College, New Delhi</i> | |
| 09:45 to 10:10 AM | Sunil Krishnan , <i>Mayo Clinic, Florida, USA</i> <i>‘Convergence of physics and biology in gold nanoparticle mediated radio sensitization’</i> | |
| 10:10 to 10:35 AM | Frank Rösl , <i>DKFZ, Germany</i> <i>‘Cutaneous papillomavirus induced skin carcinogenesis: molecular and immunological aspects’</i> | |
| 10:35 – 11:00 AM | Satheesan B. , <i>MCC, Thalassery, Kerala</i> <i>‘Recurrent Breast Cancer- Biology and Concerns from Oncologist’s Perspective’</i> | |
| 11:00 – 11:25 AM | Tapas Kundu , <i>CDRI, Lucknow & JNCASR, Bengaluru</i> <i>‘Epigenetic regulation of oral cancer: Implications of histone chaperone NPM1’</i> | |
| Tea Break 11:25 to 11:40 AM | | |

| Session 2: 11:40 to 1:30 PM | | |
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| Parallel Sessions | | |
| Session: 2A Cancer and Infection [E2 Auditorium] | Session: 2B Translational Cancer Research [F1 Seminar Hall] | Session 2C Hallmarks of Cancer [F2 Auditorium] |
| Session Chairs: Frank Rösl, DKFZ, Germany B. S. Dwarakanath <i>Sri Ramachandra University, Chennai</i> | Session Chairs: Gaurisankar Sa, J C. Bose Institute, Kolkata Prabhudas Patel, GCRI, Ahmedabad | Session Chairs: Shantanu Chowdhury, IGIB, New Delhi Syed Akhtar Husain, JMI, New Delhi |
| 11:40 –12:00 PM | | |
| Sanjeev Das, NII, New Delhi <i>‘Deciphering the role of PRAMEF2, a novel cancer testis antigen, in tumorigenesis’</i> | Rakesh Kumar, USA, RGCB, India <i>‘Revelation of continuously organized overexpressed protein coding genes with diverse functions in human cancer’</i> | Shantanu Chowdhury, IGIB, New Delhi <i>‘Targeting the Achilles’ Heel in Aggressive Cancers: Non- duplex DNA as Unorthodox Druggable Targets’</i> |
| 12:00 –12:20 PM | | |
| Showket Hussain, NICPR, Noida <i>‘Dynamics of membrane bound complement regulatory proteins: Promising evidence or anecdote for cervical carcinogenesis’</i> | Debojyoti Chakraborty, CSIR- IGIB, New Delhi <i>‘The CRISPR-Cas for therapeutic strategies human diseases’</i> | Kumar Somasundaram, IISc, Bengaluru <i>‘Histone Acetyltransferase 1 (HAT1) acetylates Hypoxia- inducible factor 2 A (HIF2A): Implications in glioma hypoxia response’</i> |
| 12:20 –12:40 PM | | |
| Biswarup Basu, CNCI, Kolkata <i>“Oral Chemotherapy Drug Delivery Through Nanoparticle encapsulated Intestinal Microflora Showed Increased Drug Half-Life and Effectiveness In Tumor Bearing Mice”</i> | Mausumi Bharadwaj, NICPR, Noida <i>‘Carcinogenic Potential of Microbiome Associated with Smokeless Tobacco Products’</i> | Gaurisankar Sa, J C. Bose Institute, Kolkata <i>‘Adapted metabolomics in Treg cells confer resistance to cancer therapy’</i> |

| 12:40 –12:55 PM | | |
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| <p>Sampa Ghosh, AIIMS, New Delhi,</p> <p><i>‘Influence of Epstein-Barr virus in Neso pharyngeal carcinoma’</i></p> | <p>Subhrajit Biswas, AIMMSCR, AUUP, Noida</p> <p><i>‘Translational approach to attenuate hepatocellular carcinoma in cirrhotic background by modulating activated stellate cells and macrophages plasticity’</i></p> | <p>Vivek Kumar, SPHIC, Shanghai, China</p> <p><i>‘Carbon ion irradiation downregulates Notch signalling in glioma: Implications for therapy’</i></p> |
| 12:55 –1:10 PM | | |
| <p>Baby Chakrapani P.S., CUST, Cochin</p> <p><i>‘Differentiation of peripheral blood mononuclear cell (PBMC) towards dopaminergic neuronal lineage using composite 3D matrix combined with specific growth factor induction’</i></p> | <p>Manoj Garg, AIMMSCR, AUUP, Noida</p> <p><i>‘LAMC2: An emerging target for translational research in PDAC’</i></p> | <p>Sudha Warriar, MAHE-MIRM, Bengaluru</p> <p><i>‘Targeting stemness of cancers: emerging strategies to suppress cancer stem cells via Wnt signalling pathway’</i></p> |
| 1:10 –1:30 PM | | |
| <p>Sujata Pathak, AIIMS, New Delhi</p> <p><i>‘Folate deficiency and promoter hypermethylation promotes cervical cancer progression’</i></p> | <p>Ujjaini Dasgupta, AUH, Manesar</p> <p><i>‘Elucidating the Role of Post-transcriptional Regulation of Sphingolipid genes in Breast Cancer Pathogenesis’</i></p> | <p>Puneet Gandhi, BMHRC, Bhopal</p> <p><i>‘Leveraging the circulating biomarkers for detection and clinical responsiveness in glial tumors’</i></p> |

Lunch Break: 1:30 – 2:30 PM

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| | Valedictory Session: March 5, 2022 2:30 PM onwards <i>Emcee – Prof. V. Pooja</i> |
| 02:30 – 02:35 PM | Report of the Conference by Dr. Manoj Garg, Joint-Organizing Secretary, IACR-2022 |
| 02:35 – 02:40 PM | Address by Prof. Dr. Bhudev C Das, Chairman, AIMMSCR, Dean-Health & Allied Sciences, Vice-President, ASTIF, AUUP Noida |
| 02:40 – 02:45 PM | Address by Dr. W. Selvamurthy, President, ASTIF, Amity University Uttar Pradesh, Noida & Chancellor, Amity University Chhattisgarh |
| 02:45 – 02:50 PM | Address by Prof. Dr. Balvinder Shukla, Vice-Chancellor, Amity University Uttar Pradesh, Noida |
| 02:50 – 03:10 PM | Distribution of Awards |
| 03:10 – 03:30 PM | Valedictory Speech by Chief Guest (TBC) |
| 03:30 – 03:35 PM | Word of Wisdom by Dr. Atul Chauhan, Chancellor, Amity University Uttar Pradesh, Noida |
| 03:35 – 03:40 PM | Few Thoughts and Blessings by Hon'ble Founder President, Dr. Ashok K. Chauhan, Founder, Amity Education Group |
| 03:40 – 03:50 PM | Vote of Thanks by Dr. Pallavi Agarwal, Treasurer - IACR-2022 |
| 03:50 – 04:20 PM | High Tea |