

**14th International Symposium on
Cancer Prevention and Therapeutics (Virtual Meeting) 16th-17th March 2021**

School of Life Sciences & Special Centre for Systems Medicine
Jawaharlal Nehru University, New Delhi, INDIA

Start (IST)	End (IST)	Session	Description	Name	Details	Title	
		Day One- 16th March 2021					
		Session 1: Inaugural Session					
8:35			Welcome address	Prof. Rana P. Singh	Convenor of the Symposium		
			Address	Prof. Shweta Sharan	Dean, School of Life Sciences, JNU, New Delhi, India		
			Address	Prof. Rajesh Agarwal	Professor and Vice Chairman, Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, USA		
			Inaugural Address	Prof. M Jagadesh Kumar	Vice Chancellor , JNU, New Delhi, India		
	9:00		About the Program and Vote of Thanks	Dr. Komal Raina and Prof. Rana P Singh	College of Pharmacy & Allied Health Professions, Department of Pharmaceutical Sciences, South Dakota State University, South Dakota, USA. & Professor of Cancer Biology, School of Life Sciences,JNU, New Delhi, India		
		Session 2: Chair - Prof. Rajesh Agarwal and Prof. R. K. Kale					
9:00	9:18		Invited Speaker 1	Dr. Paul Maroni (MD.)	Associate Professor of Surgery, Clinical Director of Urologic Oncology, School of Medicine, University of Colorado- Anschutz Medical Campus Aurora, CO 80045, USA	Title: A clinician's perspective: Important Questions to answer in Prostate Cancer Prevention and Management and Initial results of a phase 2 clinical trial with Grape Seed Extract	
9:20	9:38		Invited Speaker 2	Prof. C. V. Rao	George Lynn Cross Professor Director, Center for Cancer Prevention & Drug Development, Medical Oncology University of Oklahoma HSC, 975 NE 10th Street, BRC 1203, Oklahoma City, OK 73014, USA	Title: Chemopreventive Approaches to Colonic Adenocarcinoma Prevention	
9:40	9:58		Invited Speaker 3	Prof. Xiaolin Zi	Professor, Urology School of Medicine University of California, Irvine Chao Cancer Center, 4th Floor 101 The City Drive South Irvine, CA 92868, USA	Title: Dual inhibition of androgen receptor (AR) and lysine specific demethylase 1 (LSD1) in aggressive variant prostate cancer	
10:00	10:18		Invited Speaker 4	Prof. Shivendra V. Singh	Professor UPMC Chair in Cancer Prevention Research, University of Pittsburgh 2.32a Hillman Cancer Center 5117 Centre Avenue, Pittsburgh, PA 15232, USA	Title: TBA	

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10:20	10:38		Invited Speaker 5	Prof. Rajesh Agarwal	Professor Vice Chairman, Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, Aurora, CO 80045 USA	Title: Bitter Melon Targets Pancreatic Cancer Cell Metabolism	
10:40	10:45	Break					
Session 3: Young Scientist Award Session: Chair- Prof. Rakesh K. Tyagi, Prof. Umesh C. S. Yadav and Prof. Rupesh Chaturvedi							
10:45	10:55	Post-doc/ Young Scientist	Oral 1	Dr. Sandeep Paudel	Postdoctoral Research Associate Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, Aurora, CO 80045 USA	Title: Strong protective effect of Silibinin against Basal cell carcinoma growth and progression.	
10:55	11:05	Post-doc/ Young Scientist	Oral 2	Dr. Gaurav Kumar	Postdoctoral Research Associate Center for Cancer Prevention & Drug Development, Medical Oncology, University of Oklahoma, Oklahoma City, OK 73014, USA	Title: Model optimization and chemoprevention of IPMN driven PDAC in KPSD4 mouse model	
11:05	11:15	Post-doc/ Young Scientist	Oral 3	Dr. Liankun Song	Postdoctoral Research Associate School of Medicine, University of California, Irvine Chao Cancer Center, South Irvine, CA 92868, USA	Title: Development of CRISPR human Skp2 knock-in in the prostate of mouse and the associated prostate organoids for testing Skp2 targeting agents.	
11:15	11:25	Post-doc/ Young Scientist	Oral 4	Dr. Robin Kumar	Postdoctoral Research Associate College Of Pharmacy & Allied Health Professions, Department Of Pharmaceutical Sciences, South Dakota State University, South Dakota, USA	Title: Interplay of dietary factors and gut microbiota during inflammation-associated colorectal cancer.	
11:25	11:35	Post-doc/ Young Scientist	Oral 5	Dr. Kushal Kandhari	Postdoctoral Research Associate Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, Aurora, CO 80045 USA	Title: Stage-specific pathological and molecular characterization of TMPRSS2-ERG (fusion)-driven versus non-fusion driven prostate cancer mouse models.	
11:35	11:45	Post-doc/ Young Scientist	Oral 6	Dr. Rashmi Pathak	Louisiana State University, Baton Rouge, LA 70803, USA	Dietary Blueberry Exhibits Growth Inhibitory and Immunomodulatory Effects in MCF-7 Breast Cancer Cells by Targeting mTOR-AKT and PD-L1-STAT3 Pathways	
11:45	11:55	Post-doc/ Young Scientist	Oral 7	Dr. Dhanir Tailor	Postdoctoral Research Associate Center for Experimental Therapeutics, Department of Cell, Development and Cancer Biology, Knight Cancer Institute, Oregon Health & Science University, OR, USA.	Title: Targeting a taxol resistance <i>via</i> modulating Y-box binding protein 1 in ovarian cancer cells.	
11:55	12:05	Post-doc/ Young Scientist	Oral 8	Dr. Ritish Kumar Shyanti	Postdoctoral Research Associate School of Life Sciences, JNU, New Delhi, India	Immunomodulatory role of chemopreventive agents on activation of NKT cells and viability of breast cancer cells	
12:05	12:15	Post-doc/ Young Scientist	Oral 9	Dr. Omkar Suhas Vinchure	Department of Biochemical Engineering and Biotechnology, Indian Institute of Technology, Delhi, New Delhi, India	miR-490 inhibits the maintenance of telomeres and related hallmarks in glioblastoma	

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12:15	12:25	Post-doc/ Young Scientist	Oral 10	Dr. Alok Tripathi	Assistant Professor, School of Life Science & technology, IIMT University, Meerut	Title:Urethane-induced HMGB1 elevation correlated with liver tumor genesis via TLR-4 inflammatory pathway
12:25	12:35	Post-doc/ Young Scientist	Oral 11	Dr. Piyush Kumar Gupta	Department of Life Sciences, School of Basic Sciences and Research, Sharda University, Greater Noida - 201310, India	Title: Anti-Cancer Therapeutic Effects of Biogenic Metal Oxide Nanoparticles on 2D and 3D Tumor Models
12:35	12:45	PhD	Oral 12	Deeptashree Nandi	Department of Biochemistry, University of Delhi, South Campus, Benito Juarez Marg, New Delhi 110021, India	Destabilization of Cdh1 by HPV16 E7 drives oncogenic transformation in cervical carcinomas: a perfect ambush
12:45	12:55	PhD	Oral 13	Mohit Rajput	School of Life Sciences, JNU, New Delhi, India	EGFR-mediated modulation of intrinsic resistance in prostate carcinoma via transcriptional regulation of Rad51
12:55	13:05	PhD	Oral 14	Taranga Jyoti Baruah/ Lakhon Kma	Department of Biochemistry, North-Eastern Hill University, Shillong, India	Naringenin sensitizes lung cancer NCI-H23 cells to radiation by downregulation of Akt expression and metastasis
13:05	13:30	Lunch Break				
Session 4A: Poster Presentation (1-14), Chair- Prof. Alo Nag, Dr. Niti Puri and Dr. Ashu Bhan Tikku						
13:30			Poster 1	Dr. Munendra Singh Tomar	Postdoctoral Research Associate Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, Aurora, CO 80045 USA	Distinct tumor infiltrating immune cell profiles in pre-clinical models of prostate cancer
			Poster 2	Dr. Ram Raj Prasad	Postdoctoral Research Associate Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado-Anschutz Medical Campus, Aurora, CO 80045 USA	Serum Cytokine profiling of TMPRSS2-ERG fusion driven prostate cancer and its relationship with tumor progression
			Poster 3	Atish Barua	Chittaranjan National cancer Institute, Kolkata, India	Evaluation of the possible mechanism of chemotherapeutic potential of anthocyanin rich black rice extract against murine adenocarcinoma
			Poster 4	Nisat Alam	Department of Biochemistry, School of Chemical and Life Sciences, Jamia Hamdard, New Delhi, 110062. India.	Development of a Lung Cancer Model in Wistar Rat and In Silico Screening of its Biomarkers
			Poster 5	Abhinav Prasad	Biochemistry and Environmental Toxicology Laboratory, Lab# 103, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, 110067	A Label-Free Quantification-Based Proteomic Approach to Study Combination Effect of Mitochondrial Complex I Inhibitor, Rotenone and Glutamine Deprivation in HeLa cells
			Poster 6	Dr. Audesh Bhat	Assistant Professor, Centre for Molecular Biology, Central University of Jammu	Title: Phytochemicals extracts from Syzygium cumini (Jamun) fruit exert anti-proliferative effect on ovarian cancer cells
			Poster 7	Monika Yadav	School of Life Sciences, JNU, New Delhi, India	Fisetin inhibits cell proliferation and induce apoptosis in head and neck squamous cell carcinoma
			Poster 8	Amit kumar	Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, UP, India.	Antibody-Polymer Conjugates (APCs) - An emerging strategy for cancer treatment

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			Poster 9	Chetna	Maharshi Dayanand University, Rohtak, India	Aberrant Promoter Methylation, an epigenetic event induces metastasis of cervical cancer and lack of awareness being the reason of uncontrollable incidence.
			Poster 10	Isitua Chinwe Christy	Department of Biological Sciences, College of Sciences, Afe Babalola University Ado-Ekiti, P.M.B. 5454 Ekiti State, Nigeria.	ANTICANCER AND ANTIBACTERIALACTIVITY OF ESSENTIAL OILS FROM SELECTED NIGERIAN FOOD SPICES
			Poster 11	Deepu Sharma	Department of Life sciences, Shiv Nadar University, G B nagar Dist. UP. India	Novel ruthenium-based compound as a combination therapeuticin regorafenib resistant Colorectal cancer cells.
			Poster 12	Fayyaz Rasool	Shiv Nadar University, G B nagar Dist. UP. India	Understanding the role of Genetic and epigenetic changes associated with drug resistance against Regorafenib in colorectal cancer cells.
			Poster 13	Indu Kumari	National Institute of Cancer Prevention and Research, ICMR, NOIDA	Reversal of Multidrug Resistance in Breast cancer (MCF-7) cells using In-silicoscreened Phytochemicals
	14:15		Poster 14	Lokesh Kumari Kadian	Department of Genetics, Maharishi Dayanand University, Rohtak, Haryana, India,	Aberrant promoter methylation of NOTCH1 and NOTCH3 in cervical cancer patients of North Indian population
14:15	14:30	Question/ Answer Session				
Session 4B: Poster Presentation (15-27), Chair - Prof. Paulraj Rajamani and Prof. Suneel Kateriya						
14:30			Poster 15	Lovely Sinha	Central University of South Bihar,Gaya	Effect of Aloe veraextract on liver cell line.
			Poster 16	Dr. Md. Zubair Malik	School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi-110067, India.	Identification of driver of gene cervical cancer network and their functional significance in organisation
			Poster 17	Mohammad Mohsen	Cell signaling lab, Department of Biosciences, Jamia Millia Islamia, New Delhi, India Division of Molecular Genetics & Biochemistry, National Institute of Cancer Prevention & Research (ICMR-NICPR), Noida, India	miR196a2-5p and its Regulation and Regulatory Role in Colorectal Cancer
			Poster 18	Mohd Mabood Khan	Division of Molecular Genetics & Biochemistry,National Institute of Cancer Prevention & Research (ICMR-NICPR), I-7, Sector-39, Noida, 201303, India Department of Zoology, University of Lucknow, India	Expressional analysis of miRNAs and their regulatory pathway enrichment in Prostate Cancer
			Poster 19	Dr. Munendra Singh Tomar	Department of Zoology, Institute of Science, Banaras Hindu University, Varanasi, U.P., India	Refurbishment of NK cell effector functions through their receptors by depleting the functions of nTreg cells in Dalton's Lymphoma induced tumor microenvironment in vitro and in vivo

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		Poster 20	Namita Pandey	Department of Genetics, University of Delhi South Campus, New Delhi, India,	Allicin overcomes hypoxia mediated Cisplatin resistance in lung cancer cells through ROS mediated cell death pathway and by suppressing hypoxia inducible factors
		Poster 21	Saurabh Yashaswee	Department of Zoology, Institute of Science, Banaras Hindu University Varanasi- 221005	Oxidative stress mediated development of chemically induced Cutaneous Squamous Cell Carcinoma in murine model
		Poster 22	Vikas Yadav	Pt. BD Sharma Postgraduate Institute of Medical Sciences, Oncology	CHEMOPREVENTIVE POTENTIAL OF GALLIC ACID AGAINST 1,2-DIMETHYLHYDRAZINE INDUCED COLON CANCER IN WISTAR RATS
		Poster 23	Dr. Sunayana Nath	Institute of Home Economics, University of Delhi, India	Fabrication of phyto-genic silver and gold nanoparticles for biomedical applications
		Poster 24	Nadra Sadaf	Department of Biotechnology, Central University of South Bihar, Gaya-824236, Bihar, India	ARSENIC TRIOXIDE ENHANCES CURCUMIN ANTITUMOR ACTIVITY IN LIVER CANCER CELLS
		Poster 25	Subhash Chanda	National Institute of Biologicals (Ministry of Health & Family Welfare, Government of India), Plot No. A-32, Sector-62, Institutional Area, NOIDA, Uttar Pradesh-201309, India	Production and Characterization of L-asparaginase from Bacillus species isolated from Himalayan Subtropical region
		Poster 26	Dr. Ritu Yadav	M.D.University, Rohtak, Haryana	Role of Wnt signaling pathway in cervical cancer
	15:10	Poster 27	Dr. Surya Bhan	Department of Biochemistry, North-Eastern Hill University, Shillong, Meghalaya	Chlorophyllin suppresses Oxidative Stress and Apoptosis in hepatocytes of Diabetic Mice
15:10	15:25	Question/Answer Session			
		Session 5: Chair- Prof. Ajay K. Saxena and Prof. S.K Trigun			
15:30	15:50	Invited Speaker 6	Prof Ravi Mehrotra	CEO, India Cancer Research Consortium, Indian Council of Medical Research, New Delhi, India	Role of lifestyle chemo prevention and early diagnosis, incl. liquid biopsy
15:50	16:10	Invited Speaker 7	Prof. Umesh C. S. Yadav	Special Centre for Molecular Medicine, JNU, New Delhi - 110067, India	Role of Acacetin in Colorectal Cancer Prevention and Therapeutics
16:10	16:30	Invited Speaker 8	Prof. Rajeshwar N. Sharan	Biochemistry Department, North-Eastern Hill University, Shillong, India	ADP-ribose polymer based rapid and easy quantitative test for cancer (ARREST-C): Facilitating Personalised & precision therapy
16:30	16:50	Invited Speaker 9	Dr. Kausar Mahmood Ansari	Scientist, Indian Institute of Toxicological Research, Lucknow, UP, India	Understanding the mechanism/s involved in the acquisition of cancer like properties in normal intestinal epithelial cells after chronic exposure to patulin
16:50	17:10	Invited Speaker 10	Prof. Alo Nag	Department of Biochemistry, Delhi University, New Delhi, India	Molecular Mechanisms of HPV Mediated Oncogenesis
17:10	17:30	Break			
17:30	18:00	Distinguished Lecture	Dr. Dhananjay Tiwari	Counsellor -Science and Technolgy	Recent Advances and Trends in Biomedical Research
18:00	18:10	Preparation for breakout session			
18:10	18:45	Session 6: Breakout Session (Three breakout Sessions in parallel)			

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		Breakout Session A	Speaker/Chair: Dr. Dinesh K. Singh	Student Moderator: Md. Imtiazul Kabir/ Raj Nandani South Dakota State University, USA	Ocular Gene Therapy, Principal Scientist, Ocugen, Inc., 263 Great Valley parkway, Malvern, PA19355, USA	Bioentrepreneurship: Beyond Academia and Industry- A Path Less Travelled	
		Breakout Session B	Speaker/Chair: Dr. Surinder Mohan Singh	Student Moderator: Dr. Robin Kumar, Postdoctoral Research Associate South Dakota State University, USA	Senior Scientist Bristol Myers Squibb New Brunswick, New Jersey, USA	Academia-Industry transition: Biopharma perspective- US scenario	
		Breakout Session C	Speaker/Chair: Prof. Hemachand Tummala	Student Moderator: Pratyusha Bugata, Ph.D. Student South Dakota State University, USA	Graduate Program Coordinator College of Pharmacy & Allied Health Professions South Dakota State University, Brookings, SD 57007, USA	Academic Prospects (student options)-US scenario	
End of Day 1 Program							
Start of Day 2 Program (17th March, 2021)							
Session 7: Chair- Prof. Pawan Dhar, Prof. Vinay Panda and Prof. Vibha Tandon							
9:00	9:20		Invited Speaker 11	Dr. Gagan Deep	Wake forest School of Medicine, Department of cancer Biology, Winston-Salem, USA	Exosomes role in prostate cancer growth and progression in hypoxic microenvironment: Diagnostic and therapeutic opportunities	
9:20	9:40		Invited Speaker 12	Dr. Dhyan Chandra	Department of Pharmacology & Therapeutics, Roswell Park Comprehensive Cancer Center, New York, USA	Mitochondrial Dysfunction and Therapeutic Implication in Cancer	
9:40	10:00		Invited Speaker 13	Prof. Rupesh Chaturedi	Professor, School of Biotechnology, JNU, New Delhi, India	<i>H Pylori</i> Induced Gastric Cancer and its Chemoprevention	
10:20	10:40		Invited Speaker 14	Prof. Sanjay V Malhotra	Director, Center for Experimental Therapeutics, Oregon Health & Science University, USA	Metabolic modulation in breast cancer cells using small molecule	
10:40	11:00		Invited Speaker 15	Dr. Dhanya Nambiyar	Department: Radiation Oncology - Radiation Therapy Position: Instructor, Stanford University, Stanford, USA	Galectin-1-driven T cell exclusion in the tumor endothelium promotes immunotherapy resistance	
			Invited Speaker 16	Mr. Mohan Uttarwar	CEO, iNDX.ai , California, USA	Title: TBA	
11:00	11:10	Break					

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Session 8 Valedictory Session : Chair: Prof. Rana Pratap Singh					
11:10	11:30		Valedictory Address	Prof. K Sudha Rao	Former-Vice chancellor , Karnataka State Open University , Mysore, Karnataka, India National Fellow, ICSSR, New Delhi, India
11:30	12:00		Closing Remarks	Multiple Speakers/Participants	
			Vote of Thanks	Prof. Rana P Singh	