

International Conference on
“Organismal & Environmental Genomics”
(ICOrE-G)

Organized jointly by All-India Congress of Genetics and Genomics, Birla Institute of Technology and Archana Sharma Foundation of Calcutta

Programme

Day-1 (5th January 2026, Monday)

Time	Event
08:00 AM-09:00 AM	<i>Breakfast in Community Hall</i>
08:30 AM-09:30 AM	<i>Registration in Closed Air Theatre (CAT)</i>
Inaugural Function: CAT Auditorium	
09:30 AM-09:35 AM	Introduction and Welcome of Dignitaries on the Dais
09:35 AM-09:40 AM	Lighting of Lamp and Institute Prayer
09:40 AM-09:45 AM	Welcome Address by Kunal Mukhopadhyay , Head, Department of Bioengineering and Biotechnology, BIT Mesra
09:45 AM-09:55 AM	Address by Indranil Manna , Vice-Chancellor, BIT Mesra
09:55 AM-10:05 AM	Address by Partha P. Majumder , President, AICGG, and Introduction of the Chief Guest
10:05 AM-10:15 AM	Address by Chief Guest, Sharmila Bapat , BRIC-National Centre for Cell Science, Pune

10:15 AM-10:20 AM	Vote-of-thanks by Pritha Bhattacharjee , Secretary, AICGG	
10:20 AM-11:00 AM	Inaugural Address by Chief Guest, Sharmila Bapat	
	Title: <i>Evolution of human-specific genes and disease vulnerabilities</i>	
11:00 AM-11:45 AM	High Tea in Community Hall	
5th Arun Kumar Sharma Memorial Oration		
11:45 AM-11:55 AM	Introductory Remarks by Anita Mukherjee , President, Archana Sharma Foundation of Calcutta	
11:55 AM-12:35 PM	Memorial Oration by Suchitra Banerjee , CSIR-Central Institute of Medicinal & Aromatic Plants, Lucknow	
	Title: <i>Charting my research voyage by the light of Professor A K Sharma 's mentorship</i>	
Technical Session on Plant & Agriculture Genomics		
Chairpersons: D.M. Pandey , BIT Mesra & Sampa Das , AICGG		
12:35 PM - 12:40 PM	Introduction to the Session and Speakers	
12:40 PM-01:10 PM	Plenary Lecture	Manoj Prasad , <i>Delhi University, New Delhi</i>
		Title: <i>ATG8 and Sw5: Beleaguer for virus infection in plants</i>
01:10 PM-01:25 PM	Invited Lecture	Swarup K. Parida , <i>National Institute of Plant Genome Research, New Delhi</i>
		Title: <i>Next-generation molecular breeding for a food sufficient future</i>
01:25 PM-01:40 PM	Invited Lecture	Raja C Mugasimangalam , <i>Genotypic Technology and QTLomics, Bengaluru</i>
		Title: <i>A new Landmark in Indian Genomics: Telomere-to-Telomere Sequencing of Indian Basmati Rice</i>
01:40PM-01:50 PM	Q&A and Felicitation of Speakers	

1:50PM-2:05PM	PREMAS LIFE SCIENCE PVT LTD	
02:05 PM - 02:40 PM	Lunch at Community Hall	
Technical Session on Animal Genomics		
Chairpersons: R. Poddar , BIT Mesra & Arun Bandyopadhyay , AICGG		
02:40 PM-02:45 PM	Introduction to the Session and Speakers	
02:45 PM-03:15 PM	Plenary Lecture	Subeer Majumdar , Gujarat Biotechnology University, Gandhinagar
		Title: <i>Faster avenues to study functional genomics using information from studies on differential genomics and transcriptomics</i>
03:15 PM-03:30 PM	Invited Lecture (online)	Janila Pasupuleti , International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, and University of Southern Queensland, Australia
		Title: <i>Genomics-assisted improvement of groundnut at ICRISAT</i>
03:30 PM-03:45 PM	Invited Lecture	Ravi Kumar Gandham , ICAR-National Bureau of Animal Genetic Resources, Karnal
		Title: <i>Genomic footprints of selection and adaptation in 40 breeds of Indian Zebu cattle</i>
03:45 PM-03:55 PM	Q&A and Felicitation of Speakers	
04:00 PM-05:00 PM	Contributed Technical Sessions in Parallel	
	Chairperson: Umesh Lavania , AICGG: <i>Oral Presentations in BET Department Seminar Room I</i>	
	Chairperson: A.M. Tarnekar , AICGG: <i>Oral Presentations in BET Department Seminar Room II</i>	
05:00 PM-05:55 PM	Poster Session in BET Department Arena	
06:00 PM-06:45	Distinguished Lecture (Online) in CAT Hall	

PM	Introduction of the Speaker by Partha P. Majumder	
	Stephen J. O'Brien , <i>Guy Harvey Oceanographic Center, Florida, USA</i>	
	Title: <i>A Moving Landscape of Wildlife Genetics</i>	
7.30 PM onwards	<i>Dinner in Community Hall</i>	
Day-2 (6th January 2026, Tuesday)		
08:00 AM-09:00 AM	<i>Breakfast in Community Hall</i>	
<i>Special Lecture</i>		
Chairpersons: Tanushree Bhattacharya , BIT Mesra & Vikas Srivastava , AICGG		
09:00 PM-09:05 PM	Introduction of the Speaker	
09:05 PM-09:35 PM	Plenary Lecture	Uma Ramakrishnan , <i>National Centre for Biological Sciences, Bengaluru</i>
		Title: <i>Can conservation genomics guide species recovery?</i>
09:35 PM - 09:40 PM	Q&A and Felicitation of the Speaker	
Technical Session on Cancer and Microbial Genomics		
Chairpersons: S.G. Sachan , BIT Mesra & Rajib Bandyopadhyay , AICGG		
09:40 AM-09:45 AM	Introduction to the Session and Speakers	
09:45 AM-10:15 AM	Plenary Lecture	Nidhan K. Biswas , <i>National Institute of Biomedical Genomics, Kalyani</i>
		Title: Multi-omics and digital pathology insights into tumour heterogeneity and evolution of oral cancer in Indian patients
10:15 AM-11:00 AM	Invited Lecture	Kasturi Mukhopadhyay , <i>Jawaharlal Nehru University, New Delhi, India</i>

		Title: <i>Metagenomic Insights into antimicrobial resistance in environment</i>
11:00 AM-11:15 AM	Invited Lecture	Bhaskar Roy , <i>Hangzhou Institute of Medicine, China</i>
		Title: <i>Integrative single-cell and spatial transcriptome analysis reveals heterogeneity of human liver progenitor cells</i>
11:15 AM-11:25 AM	Q&A and Felicitation of Speakers	
11:25 AM-11:45 AM	<i>Tea Break in front of CAT Hall</i>	
Technical Session on Pharmacogenomics & Toxicogenomics		
Chairpersons: Papia Mitra Majumder , BIT Mesra & Sayak Ganguly , AICGG		
11:45 AM-11:50 AM	Introduction to the Session and Speakers	
11:50 AM-12:20 PM	Plenary Lecture	Sanjeev Jain , <i>National Institute of Mental Health and Neuro-Sciences (NIMHANS), Bangalore</i>
		Title: <i>Genomically informed treatment in psychiatric and neurological disease: promise for better care and personalized treatment</i>
12:20 PM -12:35 PM	Invited Lecture	Subhalakshmi Ghosh , <i>Subhami Biopharma (OPC) Pvt Ltd, Kolkata</i>
		Title: <i>A pharmacogenomic approach for topical therapeutic management of arsenicosis</i>
12:35 PM-12:50 PM	Invited Lecture	Ankita Chatterjee , <i>John C. Martin Center for Liver Research and Innovations, Kolkata</i>
		Title: <i>A single-cell atlas of smoking-driven immune perturbations in Asians</i>
12:50 PM-01:00 PM	Q&A and Felicitation of Speakers	
01:00 PM - 02:25 PM	<i>Lunch in Community Hall</i>	
02:25 PM - 2:30 PM	Introduction of the Speaker by Partha P. Majumder	

02:30 PM-02:45 PM	Special Lecture (online)	Anna Laura Ross, World Health Organization, Geneva
		Title: <i>Accelerating genomics and precision medicine for global health: the WHO genomics programme</i>
<i>10th G.K. Manna Memorial Oration</i>		
02:45 PM - 02:55 PM	Introductory Remarks by Partha P. Majumder, President, AICGG	
02:55 PM - 03:35 PM	Memorial Oration by Usha Vijayraghavan, Indian Institute of Science, Bengaluru Title: <i>Temporal and spatial control of gene expression for cell division and cell fate decisions</i>	
03:35 PM- 03:40 PM	Felicitation of Speaker	
03:40 PM-04:00 PM	<i>Tea in front of CAT Hall</i>	
04:00 PM-05:30 PM	Oral Presentations in CAT Hall Chairpersons: A. Jain, BIT Mesra & Sudipta Ray, AICGG	
05:30 PM- 06:30 PM	<i>Valedictory Session</i> Feedback collection, Presentation of Awards and Certificates	
7.00 PM	<i>Dinner in Community Hall</i>	