

1st TCGA CONFERENCE in INDIA
Multi-Omics studies in Cancer
Learnings from The Cancer Genome Atlas (TCGA)
September 21-22, 2019 ; Sir CV Raman Auditorium , IISER Pune
 Agenda (subject to minor changes)

Day 1 : September 21, 2019, Saturday

Session	Theme	Timing	Title	Speaker Designation/Affiliation
1	Introduction	9:15 - 9:30 am	Welcome Note	Dr. C.B. Koppiker Medical Director, Prashanti Cancer Care Mission
			Conference Objectives	Prof. L.S. Shashidhara IISER Pune and Ashoka University
2	Opening Session <i>Anchor: Dr. Mayurika Lahiri</i>	9:30 - 9:45 am	Plenary Talk Multi-Omics : A 360° Perspective	Prof. Sunil Badve Joshua Edwards Professor of Experimental Medicine, Indiana University School of Medicine, USA
		9:45 – 10:00 am	Plenary Talk Evolving Landscape of Translational Cancer Research and Future Challenges in India	Prof. G.K. Rath Director, National Cancer Institute-All Indian Institute of Medical Sciences (NCI-AIIMS), Jhajjar
		10:00 - 10:15 am	Inaugural Address	Dr. Renu Swaroop Secretary , Department of Biotechnology, Government of India
Tea/Coffee Break: 10:15 am - 10:45 am				

3	TCGA Overview <i>Anchor : Dr. Santosh Dixit</i> Session Chair: Dr.B.K. Smruti Secretary, Indian Society of Medical and Pediatric Oncology (ISMPO)	10:45 – 11:30 am	Plenary Talk TCGA : Introduction , Structure and Pipelines	Dr. J.C. Zenklusen Director, The Cancer Genome Atlas (TCGA), National Cancer Institute (NCI), National Institutes of Health (NIH) , USA
		11:30 am – 12:00 pm	The Genomics Data Commons	Dr. Zhining Wang Project Officer, Center for Cancer Genomics , National Cancer Institute, National Institutes of Health , USA
		12.- 12.15 pm	TCGA : Data Usage	Dr. J.C. Zenklusen Director, TCGA , NCI, NIH
4	TCGA Impact on Molecular Oncology <i>Anchor : Dr. Anamika Krishanpal</i> Session Chair: Dr. Abhay Jere Chief Innovation Office, Innovation, Ministry of Human Resource Development, GoI	12.15 - 12. 30 pm	Networks of Interacting Germline and Somatic Variants Drive Tumor Etiology, Progression, and Response	Prof. Kenneth Beutow Director of Computational Sciences and Informatics Program, Complex Adaptive Systems, Arizona State University, USA
		12:30 - 12:45 pm	Systems Approach to Precision Medicine	Prof. Nitin Baliga Senior Vice President and Director of Institute for Systems Biology (ISB), Seattle, USA
		12:45- 1:00 pm	Actionable Mutations in Lung and Gall Bladder Cancers	Dr. Somashekhar Sheshagiri Founder and Chief Scientific Officer, ModMed, USA
		1:00 - 1:15 pm	Dividing and Conquering Gastrointestinal Cancers using Artificial Intelligence and Companion Diagnostics	Dr. Anguraj Sadanandam Associate Professor, Institute of Cancer Research (ICR), UK

	<p>Lunch/Posters/ Tea Break</p>	<p>1:30 pm - 4:00 pm</p>	<p>Poster session Poster evaluations by faculty. Delegate interactions Sponsor booth visits.</p>	<p>Poster Jury :</p> <p>Dr. Zhining Wang Project Officer, Center for Cancer Genomics , NCI, NIH, USA</p> <p>Dr. Benjamin Berman Associate Professor, Cedar’s Sinai Cancer Centre, LA, USA</p> <p>Dr. Katherine Hoadley Assistant Professor, UNC, Chapel Hill, USA</p> <p>Dr. Cyriac Kandoth Senior Computational Biologist, MSKCC, NYC, USA</p> <p>Dr. Kyle Ellrott Assistant Professor, Computational Biology Program, School of Medicine, Oregon Health and Science University, Portland, USA</p> <p>Dr. Yesim Polar Assistant Research Professor of Pathology & Laboratory Medicine, Indiana University School of Medicine , USA</p> <p>Dr. Sudhakaran Prabhakaran DBT-Cambridge Lecturer, University of Cambridge- IISER Pune</p> <p>Dr. Rachael Natrajan Team Leader, Functional Genomics, Institute of Cancer Research, London , UK</p> <p>Dr. Sheeba Irshad CRUK Clinician Scientist, King’s College , London, UK</p>
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	Multi-Omics and Cancer Research <i>Anchor : Dr. Devaki Kelkar</i>	4:00 - 4:15 pm	Combined Expression Profile of SATB Family Chromatin Organizers As Improved Biomarker For Cancer Prognosis	Prof. Sanjeev Galande Professor , Indian Institute of Science Education and Research (IISER), Pune
	Session Chair: Prof. Sunil Badve	4:15 - 4:30 pm	A Decade of Association with TCGA Ovarian Cancer Datasets	Prof. Sharmila Bapat Professor, National Centre for Cell Sciences (NCCS), Pune
		4:30- 4:45 pm	Translating Cancer Genomics to Medicine	Dr. Amit Dutt Principal Investigator, Advanced Centre for Treatment Research and Education in Cancer (ACTREC), Navi Mumbai
		4:45- 5:00 pm	Comparative analyses of Indian and TCGA tumor genomes/transcriptomes reveal novel cancer genes/pathways	Dr.Muralidharan Bashyam Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad
6		Translational Breast Cancer Research : CTCR and collaborators <i>Anchor: Dr. Santosh Dixit</i>	5:00 - 5:15pm	Germline Profiling of TNBCs in India : Clinical Impact
		5:15- 5:20 pm	New Insights into Breast Cancer Through Molecular Analysis of an Indian Cohort with Long Term Follow-up	Dr. Jyoti Prabhu St. John's Research Institute (SJRI), Bangalore
		5:20 - 5:25 pm	DNA-PK Plays a Central Role in Transformation of Breast Epithelial Cells Following Alkylation Damage	Dr. Mayurika Lahiri Associate Professor, IISER, Pune
		5:25- 5:30 pm	Multi-omics data integration: A case study on TNBC	Dr. Anamika Krishanpal Senior Domain Specialist, Labs, Persistent Systems
		5:30 - 5:35 pm	Molecular Profiling of TNBC in An Indian Context	Dr. Madhura Kulkarni Senior Scientist, PCCM, Pune
	Conference Banquet <i>Master of Ceremony: Laleh Busheri</i>	7:00 pm - 10:00	Conference Inauguration and Dinner	Chief Guest : Mr. Rajiv Bajaj, Managing Director, Bajaj Auto

	pm	Invited community in Pune
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Day 2 : September 22, 2019, Sunday				
Session	Theme	Timing	Title	Speaker Affiliation
7	Cancer Research Initiatives in India (Academia/Clinicians) Anchor: <i>Dr. Madhura Kulkarni</i> Session Chair: Prof. L.S. Shashidhara Ashoka University & IISER Pune	9:15 – 9:30 am	Breast Cancer : From Morphology to Molecular	Prof. Sudeep Gupta Director, ACTREC, Navi Mumbai
		9:30 – 9:45 am	International Cancer Genome Consortium : The Indian Perspective	Prof. Rajiv Sarin Professor, ACTREC, Navi Mumbai
		9:45- 10:00 am	National Cancer Grid of India	Prof. Manju Sengar Professor, Tata Memorial Hospital, Mumbai
		10:00- 10:15 am	Genomics for Precision in Cancer Prevention	Prof. Rajesh Dikshit Director, Centre for Cancer Epidemiology, ACTREC, Navi Mumbai
		10:15 – 10:30 am	Cancer Scenario in Northeast India	Dr.Ravi Kannan Director, Cachar Cancer Centre , Assam
Tea / Coffee Break: 10:30-10:45 am				
8	Cancer Research Initiatives in India (Academia/Clinicians)	10.45- 11:00 am	Unravelling the Mutational Landscape of Indian Breast Cancer population	Prof. S. Mahalingam Professor, Indian Institute of Technology (IIT), Chennai
		11:00- 11:15 am	A Comprehensive Proteomic and Proteogenomic Investigation of Brain Tumors	Dr. Sanjeeva Srivastava Professor, IIT, Mumbai
		11:15- 11:20 am	Indo-US Initiatives in Cancer Research	Dr. Preetha Rajaraman Health Attache and Regional Representative, South Asia , US Embassy New Delhi, Office of Global Affairs, Office of the Secretary, Department of Health and Human Services, USA
		11:20 - 11:30 am	DBT-CRUK Initiatives in Cancer Research	Dr. Sandhya Shenoy , Scientist E, DBT, GoI

		11:30 – 11:40 am	India Alliance Initiatives in Cancer Research	Dr. Shingar Sharma Grants Adviser, Wellcome Trust- DBT India Alliance
9	Cancer Research Initiatives in India (Industry) Chair of Session : Dr. C.B. Koppiker <i>Anchor :</i> <i>Dr. Aruna Korlimarla</i>	11:40 – 11:55 am	An Oral Cancer Liquid Biopsy Panel for India	Dr. Ramesh Hariharan CEO, Strand Life Sciences , Bangalore
		11:55 am -12:10 pm	Data-driven Approaches to Develop Personalized Therapies in Cancer	Dr. Malini Mahendran Head, Oncology R&D and Bioinformatics , Medgenome Labs, Bangalore
		12:10- 12:25 pm	Agilent Clinical NGS Work-Flow	Dr. Andreas Polten Business Development Specialist, Agilent Technologies, Germany
		12:25 – 12:40 pm	TCS Initiatives in Translational Research in Cancer	Dr. Binuja Verma Senior Scientist, Genomics Group, Tata Consultancy Services, Gurgaon
Lunch Break: 12:40 pm – 1:30 pm				
10	Panel Discussion: TCGA for India Cancers (Clinical qnd Biological Aspects)	1:30 - 2:30 pm	Opportunities, Challenges, Roadmap	Moderators: Prof. L.S. Shashidhara Prof. Sunil Badve Panelists: Prof. Chintamani, Professor, Safdarjung Hospital, New Delhi Dr. G.S. Bhattacharya, Consulting Medical Oncologist, Tata Memorial Centre, Kolkata Prof. Prabhakaran, DST-Cambridge Fellow, IISER Pune - Cambridge University, UK Dr. Anant Bhan, President, International Association of Bioethics
11	Panel Discussion: TCGA for India Cancers (Big Data Aspects)	2:30 – 3:30 pm	Opportunities, Challenges, Roadmap	Moderators: Dr. Anand Deshpande, Chairman and Managing Director, Persistent Systems Dr. J.C, Zenklusen, Director, TCGA, NCI, NIH Panelists: Prof. Kenneth Buetow, Professor, Arizona State University Mr. Sam Santhosh, Founder and Chairman,

				Medgenome Labs, USA.
12	Invited Lecture <i>Anchor: Dr. M.S. Madhusudan</i>	3:30 – 3:45 pm	Keynote Address	Prof. Shekhar Mande Director General, Council for Scientific and Industrial Research (CSIR), Government of India
Tea / Coffee Break: 3:45 – 4:15				
13	TCGA: Future Perspectives <i>Anchor: Dr. Santosh Dixit</i>	4:15 – 4:30 pm	NCI Future Genomics	Dr. J.C. Zenklusen TCGA, NCI-NIH
		4:30 pm- 5:30 pm	Audience Interactions with TCGA Faculty: Q and A Session	Dr. J.C. Zenklusen Dr. Zhining Wang Dr. Benjamin Berman Dr. Katherine Hoadley Dr. Cyriac Kandoth Dr. Kyle Ellrott
	Valedictory Session	5:30- 5:45 pm	Summary and Closing Remarks	Dr. Anand Deshpande, Chairman and Managing Director, Persistent Systems
		5.55- 6:00 pm	Vote of Thanks	Dr. Santosh Dixit Senior Scientist, PCCM, Pune