

## Scientific Programme

### Programme at a Glance

	20 Jan 2025 (Mon) Day 1	21 Jan 2025 (Tue) Day 2	22 Jan 2025 (Wed) Day 3
0830-0900	Registration & Putting up Posters	Registration & Putting up Posters	Registration & Putting up Posters
0900-0930	Welcome Address	Keynote Presentations from Patients and Their Families	<b>Real World Precision Oncology</b>
0930-1000	<b>Keynote Lecture I</b>		
1000-1030	<i>Coffee Break Poster &amp; Exhibition</i>	Genome Project II	
1030-1100	ICGC-ARGO Vision & Update	<i>Coffee Break Poster &amp; Exhibition</i>	
1100-1130		Understanding Today's Cancer Genomics	
1130-1200			
1200-1230	<i>Lunch Poster &amp; Exhibition</i>	<i>Lunch Poster &amp; Exhibition (Executive Committee &amp; Programme Leads Meeting 13:00-14:00)</i>	<i>Coffee Break Poster &amp; Exhibition</i>
1230-1300	ICGC-ARGO Programme Updates		
1300-1330			ICGC AGRO Projects
1330-1400			
1400-1430		<i>Coffee Break Poster &amp; Exhibition</i>	
1430-1500	Genome Projects I	<i>Coffee Break Poster &amp; Exhibition</i>	Group Discussion - ICGC Current & Future Strategy
1500-1530			
1530-1600	<b>Keynote Lecture II</b>	<b>Panel Discussion – AI for Precision Oncology</b>	Summary & Closing
1600-1630			
1630-1700	<i>Welcome Reception</i>	Tour of HKSP	
1700-1730			
1730-1800		<i>Scientific Workshop Dinner</i>	
1800-1830			
1830-2100			

## Scientific Programme

Day 1: 20 January 2025 (Monday)

08:30 – 09:00	Registration and Poster Set-up	Pre-function Hall of Charles K. Kao Auditorium
---------------	--------------------------------	--

Opening		Charles K. Kao Auditorium
MC : Wai Sang POON		
09:00 – 09:30	<b>Welcome by the Organiser</b> Andrew BIANKIN Executive Director, International Cancer Genome Consortium (ICGC)	
	<b>Welcome Speech</b> Chung-mau LO, BBS, JP Secretary for Health, Government of the Hong Kong Special Administrative Region Chair Professor of Hepatobiliary and Pancreatic Surgery, The University of Hong Kong	
	<b>Welcome Speech</b> Dennis Y.M. LO, JP Vice-Chancellor and President, Li Ka Shing Professor of Medicine & Professor of Chemical Pathology, CUHK	
	<b>Welcome Speech</b> Gracie NG Chief of Staff and Acting Chief Corporate Development Officer, Hong Kong Science & Technology Parks Corporation	
	<b>Group Photograph</b>	
Keynote Lecture I		Charles K. Kao Auditorium
Chairpersons : Danny T.M. CHAN		
09:30 – 10:05	<b>Circulating DNA in Cancer Diagnosis</b> Dennis Y.M. LO, JP Vice-Chancellor and President, Li Ka Shing Professor of Medicine & Professor of Chemical Pathology, CUHK	
10:05 - 10:40	Break, Exhibition & Poster Viewing	Pre-function Hall
ICGC-ARGO Vision and Update		Charles K. Kao Auditorium
10:40 - 12:00	Andrew BIANKIN, Executive Director of ICGC Amber JOHNS, Project Developer of ICGC Lincoln Stein, Management Committee Member of ICGC Melanie COURTOT, Member of ICGC	
12:00 - 13:00	Lunch, Exhibition & Poster Viewing	Pre-function Hall

## Scientific Programme

Day 1: 20 January 2025 (Monday)

ICGC-ARGO Programme Updates		Charles K. Kao Auditorium
Chairperson : Takayuki YOSHINO		
13:00 – 14:45	<p><b>ICGC ARGO Clinical Data Dictionary</b> Linda XIANG Ontario Institute for Cancer Research, Toronto, Canada</p> <p><b>Deciphering Clinical Signatures of Colorectal Cancer through Multi-Omics Big Data</b> Kui WU BGI Genomics, Shenzhen, China</p> <p><b>The Pan Prostate Cancer Group – An Overview</b> Colin COOPER University of East Anglia, Norwich, UK</p> <p><b>The Mutographs Project: Achievements and Expectations on Enhancing Our Understanding of Causes on Cancer</b> Sandra PERDAMO International Agency for Research on Cancer, Lyon, France</p> <p><b>National Genomics Data Center of China</b> Jianmin WU<sup>1</sup> &amp; Yiming BAO<sup>2</sup> <sup>1</sup>Center for Cancer Bioinformatics, Peking University Cancer Hospital &amp; Institute, Beijing, China <sup>2</sup>National Genomics Data Center, Beijing Institute of Genomics, Chinese Academy of Science, Beijing, China</p>	
14:45 - 15:15	Break, Exhibition & Poster Viewing	Pre-function Hall
Genome Projects I		Charles K. Kao Auditorium
Chairperson : Jianmin WU		
15:15 - 16:15	<p><b>TGFB1 Induced TET3 Dependent Regulation of OTX2 Super Enhancer Hypomethylation Promotes Group 3 medulloblastoma Progression</b> Ziwei WANG Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong</p> <p><b>A Series Cases of Lhermitte-Duclos Disease with Surgical Interference</b> Ziyang CHEN Guangdong Sanjiu Brain Hospital, Guangzhou, China</p> <p><b>Comprehensive Genomic and Transcriptomic Characterization of Glioblastoma Reveals the Impact of Extrachromosomal DNA on Tumor Heterogeneity and Therapeutic Vulnerabilities</b> Aya EL HELALI Department of Clinical Oncology, School of Clinical Medicine, The University of Hong Kong, Hong Kong</p>	

### Scientific Programme

Day 1: 20 January 2025 (Monday)

Keynote Lecture		Charles K. Kao Auditorium
<i>Chairperson : Wai S. POON</i>		
16:15– 16:45	<b>Population Cancer Genomics Through the Lens of The Hong Kong Genome Project</b> <i>Dr Brian H.Y. CHUNG &amp; Dr Su Vui LO</i> <i>Hong Kong Genome Institute, Hong Kong</i>	
16:45 - 18:15	<i>Welcome Reception</i>	

## Scientific Programme

Day 2: 21 January 2025 (Tuesday)

08:30 – 09:00	Registration and Poster Set-up	Pre-function Hall of Charles K. Kao Auditorium
---------------	--------------------------------	--

Keynote Presentations from Patients and Their Families		Charles K. Kao Auditorium
Chairperson : Amber JOHNS		
09:00 – 09:45	<b>Establishing a Brain Tumour Centre for Otto</b> Jennifer CHEN	
	<b>To Accompany Woody in His Last Journey</b> Snow LI	
	<b>Dual Citizenship, in The Kingdom of The Well and The Sick</b> Charissa Ann CHAU & Antoine d'HAUSSY	
Genome Projects II		Charles K. Kao Auditorium
Chairperson : Peter Y.M. WOO		
09:45 – 11:00	<b>Tyrosine Kinase Inhibitor Could Reconstruct Immune Microenvironment in Lung Cancer Brain Metastasis via CTLA4</b> Wei HUA Huashan Hospital, Fudan University, Shanghai, China	
	<b>Stromal Architecture and Fibroblast Subpopulations with Opposing Effects on Outcomes in Hepatocellular Carcinoma</b> Xiaofang CHEN College of Life Sciences, University of Chinese Academy of Sciences, Beijing, China	
	<b>Local Cranial Radiation Combined with Third-generation TKIs Improve Leptomeningeal Metastasis Disease-free Survival and Reduce Leptomeningeal Metastasis Rate in Patients with EGFR-mutated NSCLC and Brain Metastasis</b> Qian WANG Guangdong Sanjiu Brain Hospital, Guangzhou, China	
	<b>Forward and Backward Evolution of Cancer Cells</b> Hannah H. XUE <sup>1</sup> & Wai S. POON <sup>2,3</sup> <sup>1</sup> Division of Life Science, Hong Kong University of Science and Technology, <sup>2</sup> Department of Surgery, The Chinese University of Hong Kong, <sup>3</sup> Neuromedicine Center, The University of Hong Kong- Shenzhen Hospital	
	<b>Spatially Visualised Proteomics Platforms and Standardisation</b> Peng XIA Hong Kong Bayomics Biotechnology Co.	
11:00 - 11:30	Break, Exhibition & Poster Viewing	Pre-function Hall

## Scientific Programme

Day 2: 21 January 2025 (Tuesday)

Understanding Today's Cancer Genomics		Charles K. Kao Auditorium
Chairperson : Hannah H. XUE		
11:30 – 12:30	<b>Investigation of Glioma Evolution for Precision Neuro-oncology</b> Jiguang WANG Division of Life Science, Department of Chemical and Biological Engineering, Hong Kong University of Science and Technology, Hong Kong	
	<b>Spatiotemporal Genomics of Human Medulloblastoma at Single-nucleus Resolution</b> Ziwei WANG Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong	
	<b>Survival Impact and Cost-Effectiveness of Precision Oncology: Health System Evidence from British Columbia, Canada</b> Dean A. REGIER Regulatory Science Lab, BC Cancer Research Institute & School of Population and Public Health, Faculty of Medicine, University of British Columbia, Vancouver, Canada	
12:30 - 14:30	Lunch & Poster Viewing	Pre-function Hall
	Executive Committee and Programme Leads Meeting (13:00-14:00)	Meeting Room 24
ICGC ARGO Projects		Charles K. Kao Auditorium
Chairperson : Colin COOPER		
14:30 – 15:30	<b>Landscape of ADC Target Gene Expression and Their Association with Efficacy of ADC in Advanced Solid Tumors: SCRUM-Japan MONSTAR-SCREEN-2</b> Takao FUJISAWA Department for The Promotion of Drug and Diagnostic Development, National Cancer Center Hospital East, Kashiwa, Japan	
	<b>Unlocking Germline and Somatic Variations in Lung Cancer Brain Metastasis</b> Hannah H. XUE Division of Life Science, Hong Kong University of Science and Technology, Hong Kong	
	<b>Organoid Models of Gastric Cancer (Invited Lecture)</b> Suet Yi LEUNG Department of Pathology, School of Clinical Medicine, The University of Hong Kong, Hong Kong	
15:30 - 16:00	Break, Exhibition & Poster Viewing	Pre-function Hall
Panel Discussion		Charles K. Kao Auditorium
Moderator: Andrew BIANKIN		
16:00 – 17:00	<b>Artificial Intelligence for Precision Oncology: What Data Do We Really Need</b>	
17:00 - 18:00	<b>Tour of Hong Kong Science Park</b>	
18:00 - 21:00	<b>Scientific Workshop Dinner</b>	

## Scientific Programme

Day 3: 22 January 2025 (Wednesday)

08:30 – 09:00	Registration	Pre-function Hall
<b>Real World Precision Oncology</b>		<b>Charles K. Kao Auditorium</b>
<i>Chairperson : Melanie COURTOT</i>		
09:00 – 10:30	<b>Ensuring Equity in Genomics: WHO Guidance on Human Genome Data Collection, Access, Use, and Sharing and its Implications for the ICGC-ARGO Project</b> <i>Kazuto KATO</i> <i>Graduate School of Medicine, Osaka University, Suita, Japan</i>	
	<b>Real World Experience of Utilizing Formalin Fixed Paraffin Embedded Tissue (FFPE) in Whole Genome and Transcriptome Sequencing for Personalized Oncogenomics</b> <i>Melissa K. MCCONECHY</i> <i>Canada's Michael Smith Genome Sciences Centre, Vancouver, Canada</i>	
	<b>Real-World Data for Precision Oncology: Validation of Large Language Models for Automatic Data Extraction from Electronic Health Records</b> <i>Deirdre WEYMANN<sup>1,2</sup></i> <i><sup>1</sup>Regulatory Science Lab, BC Cancer Research Institute, Vancouver, Canada</i> <i><sup>2</sup>Faculty of Health Sciences, Simon Fraser University, Burnaby, Canada</i>	
	<b>Personalized OncoGenomics (POG): Advancing Precision Medicine in British Columbia</b> <i>Howard J. LIM</i> <i>Division of Medical Oncology, BC Cancer – Vancouver, Vancouver, Canada</i>	
10:30 - 11:0	Break, Exhibition & Poster Viewing	Pre-function Hall
<b>Group Discussion</b>		<b>Charles K. Kao Auditorium</b>
<i>Moderators : Andrew BIANKIN, Wai S POON, Hannah H. XUE, Takayuki YOSHINO</i>		
11:00 – 12:00	<b>ICGC-ARGO Current and Future Strategy</b> To involve all ICGC members for in-depth dialogue and structured discussion	
	<b>Summary and Closing</b> <i>Andrew BIANKIN, ICGC</i>	