

Accelerating Research in Genomic Oncology International Cancer Genome Consortium

20th ICGC/ 7th ICGC-ARGO Scientific Workshop 7-9 November 2023 Cornell Tech Campus Roosevelt Island, New York, USA

Day 1: Tues 7 November

08:00 onwards	Registration open and Poster set up available	Verizon Event
		Space & Lobby
10:00-10:45	Session 1: ICGC ARGO Updates and Executive Summary Chair: Olivier Elemento 1. Welcome: Weill Cornell (15 mins) 2. Overview and Progress: Andrew Biankin (15 mins)	Lecture Theatre
	3. Data Management: Lincoln Stein (15 mins)	
10:45-11:15	Keynote Speaker: Title: Heterogeneity of Breast Cancer Genomes: Going Beyond Therapy To Risk Assessment and Prevention Chair: Massimo Cristofanilli, MD (Weill Cornell) Speaker: Olufunmilayo I. Olopade (25 mins) Walter L. Palmer Distinguished Service Professor of Medicine Professor of Human Genetics Director, Center for Clinical Cancer Genetics and Global Health University of Chicago, USA	Lecture Theatre
	Discussion (5 mins)	
11:15-12:15	Session 2: Diversity in Genomic research Chair: Andrew Biankin / Lisa Newman, MD, MPH 1. Nicolas Robine, New York Genome Center, USA (15 mins) 2. Wil Ngwa, Johns Hopkins, USA (15 mins) 3. Melissa Davis, Morehouse School of Medicine, USA (15 mins) 4. Discussion (15 mins)	Lecture Theatre
12:15-14:00	Lunch	Verizon Event Space & Lobby
12:45-13:45	Breakout Session 1: ICGC ARGO AEGC Working Group Chair: Rita Lawlor	Classroom 1: Verizon 315
12:45-13:45	Breakout Session 2: ICGC ARGO DCM Working Group Chair: Lincoln Stein	Classroom 2: Verizon 215
12:45-13:45	Breakout Session 3: ICGC ARGO CMD Working Group Chair: Takayuki Yoshino	Classroom 3 Graduate Hotel Conference Room, # 1 TBD





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12:45-13:15	Breakout Session 4: ICGC ARGO Pathology Working Group	Classroom 4
	Chair: Mark Rubin	Graduate Hotel
		Conference Room,
		# 2 TBD
14:00-15:15	Workshop: Data Submission Workshop	Classroom 2:
	Chair: Melanie Courtot	Verizon 215
15:15-15:45	Poster Session / Refreshment Break	Verizon Event
		Space & Lobby
15:45-16:45	Session 3: Oral Presentations (selected from abstract submissions)	Lecture Theatre
	Chair: Theresa MacDonald	
	OP01: Rare germline variants are associated with rapid	
	biochemical recurrence after radical prostate cancer	
	treatment: a PPCG study, Ros Eeles, The Institute of Cancer	
	Research, United Kingdom (15 mins)	
	2. OP02: Genomic hallmarks and structural variations in 1001	
	colorectal cancers, Du Cai, The Sixth Affiliated Hospital, Sun	
	Yat-sen University, China (15 mins)	
	3. OP03: Implementing mutational signatures as biomarkers in	
	the clinic, Alvin Ng, Lee Kong Chian School of Medicine,	
	Singapore (15 mins)	
	4. OP04: Distinct subtype of multiple myeloma revealed by	
	whole genome and transcriptome sequencing, Sheehyun Kim,	
	Seoul National University Hospital (Republic of Korea) (15	
	mins)	
16:45-18:30	Welcome Reception	
	Panorama Room rooftop bar and lounge, 18th floor Graduate New York	
	22 N Loop Rd, New York, NY 10044	





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Day 2: Wed 8 November

08:00-09:00	Registration open and Poster Set up available	Verizon Event
00 00 00 50	7100	Space & Lobby
08:00-08:50	TLO Commission meeting (invitation only)	Classroom 1
		Verizon 215
09:00-09:30	Session 4: Keynote Speaker My Story, Your Story: Lessons in Talking, Writing and Connecting Chair: Amber Johns	Lecture Theatre
	Speaker: <u>Diana Lemaire</u> (25 mins)	
	Patient representative, Canada	
	Discussion (5 mins)	
09:30-10:30	Session 5: Panel Discussion - Understanding Cancer Genomics	Lecture Theatre
	Moderator: Elli Papaemmanouil	
	Panellists:	
	Diana Le Maire, Patient Representative, Canada	
	Ravi Sharaf, Weill Cornell Medicine, USA	
	Michelle Primiano, Weill Cornell Medicine, USA	
	4. Cora Sternberg, Weill Cornell Medicine, USA	
	5. David Nanus, Weill Cornell Medicine, USA	
	6. Vaidehi Jobanputra, New York Genome Center, USA	
10:30-11:00	Refreshment break	Verizon Event
		Space & Lobby
11:00-12:15	Session 6: The Lancet Oncology Commission Program Chair: Amber Johns	Lecture Theatre
	Introduction- Andrew Biankin (15 mins)	
	Lancet Oncology Programme of Commissions - David	
	Collingridge, Editor in Chief, Lancet Oncology (15 mins)	
	3. Sub-Saharan Africa Commission and Cancer Moonshot 2.0 -	
	Wil Ngwa (15 mins)	
	4. Discussion (15 mins)	
12:15-13:45	Lunch with posters	Verizon Event
		Space & Lobby
12:45-13:40	Workshop - Tell Your Story: Communicating your research to patients	Classroom 1
	and the community	Verizon 215
	Chairs: Amber Johns and Diana Lemaire	





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	Hands-on guidance and working examples as a baseline to honing your lay language skills. We encourage all scientists, clinicians and	
	computational scientists to participate.	
13:45-15:00	Session 7: Working Group report back Chair: Keunchil Park	Lecture Theatre
	1. Patient and Public Involvement and Engagement, Amber Johns (Australia) (10 mins) Discussion (5 mins) 2. Clinical and Matadata, Talanyuki Yashina (Januar) (10 mins)	
	2. Clinical and Metadata, Takayuki Yoshino (Japan) (10 mins) Discussion (5 mins)	
	3. Ethics and Governance, Rita Lawlor (Italy) (10 mins) Discussion (5 mins)	
	 Pathology, Mark Rubin (Switzerland) (10 mins) Discussion (5 mins) 	
	 Data Coordination and Management, Lincoln Stein (Canada) (10 mins) Discussion (5 mins) 	
15:00-16:00	Session 8: Member Program updates	
	Chair: Lincoln Stein	Lecture Theatre
	Weill Cornell Cancer Precision Medicine Program, Juan Miguel Mosquera (USA)	
	BC Cancer Personalised OncoGenics Program, Janessa Laskin (Canada)	
	3. Pancreatic Cancer Harmonized "Omics" analysis for Personalized Treatment, Julie Wilson (Canada)	
	4. Polyethnic-1000, Nicolas Robine (USA)	
	5. MUTOGRAPHS, Sandra Perdomo (France)	
	6. <u>Personalised Genomic Characterisation of Korean Lung</u> <u>Cancers</u> , Se-Hoon Lee (South Korea)	
	7. Swiss Oncology and Cancer Immunology Breakthrough Platform and Swiss Personalized Oncology Program, Mark	
	Rubin (Switzerland) 8. Genomic and Proteomic Characterisation of Gastric Cancer, Ji	
	Jiafu (China) 9. Oesophageal Squamous Cell Carcinoma Study, Jianmin Wu	
	(China) 10. Oesophageal Cancer Clinical and Molecular Stratification,	
	Ginny Deveonshire (UK) 11. SCRUM MONSTAR, Takayuki Yoshino (Japan)	
	11. <u>Scrow Monstar,</u> Takayuki Toshino (Japan) 12. <u>Precision Panc</u> , David Chang (UK)	
	13. Pan Prostate Cancer Group, Ros Eeles (UK)	





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16:00-16:30	Refreshment Break	Verizon Event
		Space & Lobby
16:30-17:30	Session 9: Oral Presentations, selected from abstract submissions	Lecture Theatre
	Chair: Theresa MacDonald	
	 OP05: Integrative DNA and RNA sequencing analysis identifies recurrent copy amplification and over-expression of E3 ubiquitin ligase gene CBLC in metastatic pancreatic ductal adenocarcinoma, James Topham, Pancreas Centre BC (Canada) (15 mins) OP06: Whole Exome-Wide Association Identifies Rare Variants in GALNT9 Associated with Middle Eastern Papillary Thyroid Carcinoma Risk, Khawla Al-Kuraya, King Faisal Specialist Hospital, Saudi Arabia (15 mins) OP07: The Interplay between Mutagenesis and Extrachromosomal DNA Shapes Urothelial Cancer Evolution, Bishoy M.Faltas, Weill Cornell Medicine (USA) (15 mins) Discussion (15 mins) 	
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~18:00	Transportation to Scientific Workshop Dinner Bus to depart from the Graduate Hotel (directly next the the Verizon Event Space & Lobby)	Depart from Graduate Hotel
18:30-22:00	Scientific Workshop Dinner Stanley H. Kaplan Penthouse, Lincoln Center Samuel B. & David Rose Building, 165 West 65th Street, 10th Floor New York, NY 10023	
22:00-22:30	Transfer to Hotels	



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Day 3: Thurs 9 November

08:00-09:00	Registration open	Verizon Event Space & Lobby
09:00-09:30	Session 10: Leveraging Observational (Real World) Data to Advance Precision Oncology: Lessons from AACR Project GENIE Chair: Olivier Elemento Speaker: Charles Sawyers, M.D. (25 mins) Investigator, Howard Hughes Medical Institute Marie-Josée and Henry Kravis Chair, Human Oncology & Pathogenesis Chairman, Human Oncology & Pathogenesis Program Memorial Sloan Kettering Cancer Center Discussion (5 mins)	Lecture Theatre
09:30-10:30	 Session 10: Oral Presentations, selected from abstract submissions Chair: Theresa MacDonald OP08: Therapeutic development platform for pancreatic cancer in the UK national health service: lessons learned and initial results from precision-panc, Fieke Froeling, University of Glasgow (UK) (15 mins) OP09: Nanopore Sequencing for Personalised OncoGenomics, Steven Jones, Canada's Michael Smith Genome Sciences Centre (Canada) (15 mins) OP010: BRCAness Revisited: A Whole Genome Sequencing Approach Validated in a Pan-Cancer Cohort, Majd Al Assaad, Weill Cornell Medicine (USA) (15 mins) Discussion (15 mins) 	
10:30-10:45	Refreshment break	Verizon Event Space & Lobby
10:45-11:30	Session 11: Group Discussion - Where to from here? Moderator: Andrew Biankin & Olivier Elemento A moderated semi-structured discussion for all ICGC community members to reflect on the key points raised at the meeting and open a dialog for potential actions.	Lecture Theatre
11:30-12:00	Session 12: Summary and Close	