

Qatar Genome Programme

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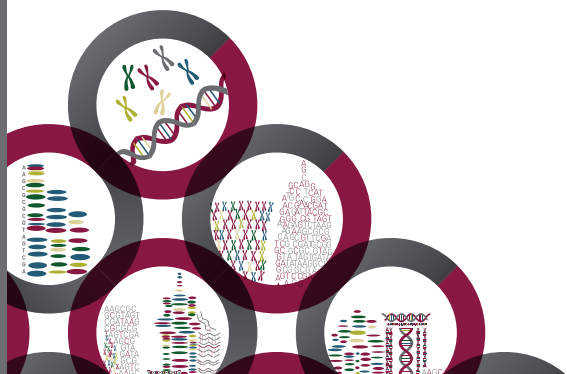
Sidra Medical and Research Center
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invites you to its Symposium

**“Handling Genomic Data: Clinical Interpretation,
Governance and Responsible Sharing”**

17th–18th April, 2016, Qatar National Convention Center, Doha, Qatar

For registration and information, please visit: www.qatarbiobank.org.qa/qatar-genome



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DAY 1: APRIL 17TH, 2016

Time	Talk	Speaker
7:30 – 8:00	Breakfast and Registration	
8:00 – 8:05	Welcome Statement	Asma Althani Chair of Qatar Genome Programme Committee, Qatar
8:05 – 8:10	Opening Remarks	Victor Dzau President, National Academy of Medicine, USA
8:10 – 10:30	SESSION 1 : Genome projects: Clinical interpretation and integration into health care	Moderator Said Ismail, Qatar Genome Programme
8:10 – 8:40	Population genomics and global precision medicine: From drugs and diagnostics to public health and wellness	Edward Farmer Vice President, Communications and New Ventures, WuXi-NextCODE
8:40 – 9:10	The 100,000 genomes project	Tim Hubbard Head of Bioinformatics, Genomics England
9:10 – 9:40	Implementing genomics in to clinical care: evaluation of a demonstration project	Clara Gaff Executive Director for Melbourne Genomics, Australia
9:40 – 10:10	The recent progress of FANTOM omics, and its application to health care	Yoshihide Hayashizaki Advisor to President, Director of Preventive Medical Innovation Program, RIKEN, Japan
10:10 – 10:30	Discussion	
10:30 – 10:50	Coffee break	
10:50 – 13:35	SESSION 2 : Whole genome sequencing in clinical diagnostic laboratories	Moderator Amel Hassan, Qatar Genome Programme
10:50 – 11:35	Best Practices in Quality Management: Next Generation Sequencing	Alexander Lazar Associate Professor, College of American Pathologists (CAP), University of Texas MD Cancer Center in Houston, TX
11:35 – 12:05	Research and Clinical use of Genomic Data in a Healthcare system	Adrian Lee Department of Pharmacology and Chemical Biology, Director, Women's Cancer Research Center, University of Pittsburgh Cancer Institute, USA
12:05 – 12:30	Genetic Testing in the Modern Era: Regulation and Reporting	Joaquín J. García Consultant and Vice Chair of Laboratories, Division of Anatomic Pathology, Mayo Clinic, USA
12:30 – 12:55	Targeted vs. non-targeted NGS approaches in genomic medicine	Carsten Bergmann Medical Director Human Genetics, Bioscientia, Germany
12:55 – 13:15	Diagnostic whole genome sequencing – getting to clinical answers	Peter Bauer Chief Operating Officer, Centogene AG, Germany
13:15 – 13:35	Discussion (20 min)	
13:35 – 14:15	Lunch Break	
14:15 – 16:00	SESSION 3 : Solutions for clinical interpretation of genomic data	Moderator Khalid Fakhro, Sidra Medical and Research Center
14:20 – 14:45	Scale, Power, Reach: An emerging global standard for NGS diagnostics	Ping Fang Global Clinical Director, WuXi-NextCODE
14:45 – 15:10	QIAGEN Sample to Insight: NGS Bioinformatics for Discovery, Translational, and Clinical Analysis, Interpretation and Reporting	Tim Bonnert Director of Applied Advanced Genomics EMEA, Qiagen
15:10 – 15:35	Accurate and rapid clinical Whole-Genome Sequence (WGS) interpretation with VAAST and PHEVOR using Omicia for the UK's 100,000 Genome Project	Martin Reese Founder, President and CSO
15:35 – 16:00	Towards Data Driven Medicine: Europe Shows the Way	Jurgi Camblong CEO, Co-Founder, Sophia Genetics, Switzerland
16:00 – 16:10	Final Remarks and Close of Day 1	

DAY 2: APRIL 18TH, 2016

Time	Talk	Speaker
7:30 – 8:30	Breakfast and Registration	
8:30 – 8:45	Opening and welcome statement	Winston Hide Professor of computational Biology, University of Sheffield
8:45 – 9:30	Keynote: Enabling the responsible sharing of genomic and health related data on a global basis	Peter C. Goodhand Executive Director, Global Alliance for Genomics and Health
9:30 – 10:00	Clinical data version 2.0	Jessica Tenenbaum Assistant Professor of Biostatistics in Duke & Associate Director for Bioinformatics Duke University
10:00 – 10:30	How to provide an environment for international bio-medical research where data cannot be downloaded	David Brown Head of Informatics Infrastructure Genomics England
10:30- 10:45	Coffee Break	
10:45-11:45	Keynote: BioIT: Trends from the Trenches	Chris Dagdigan Founding Partner and Director, Technology BioTeam
11:45-12:15	Towards collaborative, efficient, and secure processing of genomic data	Robert Sugar Software Architect, Intel Health and Life Sciences
12:15-12:45	Sharing Data in the Era of Genomic Medicine	Frank Lee Leader Chief Architect – Global Healthcare & Life Sciences Industry - IBM
12:45 – 13:45	Lunch break	
13:45 – 14:15	Nationwide application of genomics in healthcare: view from an open e-society Estonia	Ain Aaviksoo Deputy Secretary General for E-services and Innovation, Ministry of Social Affairs Estonia
14:15 – 14:45	Insights from BGI in terms of genomic/clinical data sharing and governance	Magic Fang VP of BGI-Shenzhen, Director of IT& Internet Dept, BGI-China
14:45 – 15:15	The significance of publishing national genomes	Myles Axton Chief Editor, Nature Genetics
15:15 – 16:00	Panel discussions with moderator Winston Hide	All panelists



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