

<b>Event Day</b>	<b>1</b>		
Date	Tuesday, Dec 2		
Venue	Exhibition Hall 2 QNCC		
Time	Activity Title	Details / Speakers	MC
07:30-08:45	Registration & Networking Breakfast		
<b>OPENING SESSION</b>			
08:45-09:00	<b>SUMMIT OPENING CEREMONY</b>	MC: <b>Fatima Al-Ali</b> , Translational Medicine Scientist, Sidra research Branch, Sidra Medicine, Qatar	
09:00-09:15	<b>Opening Keynote Address</b> Mila to Millions	<b>Julia Vitarello</b> Founder & CEO of Mila's Miracle Foundation, USA	MC
09:15-09:35	<b>Opening Plenary Lecture</b> Advancing a World-Class Precision Medicine Bioeconomy	<b>Ed Liu</b> Professor and special fellow of The Jackson Laboratory (JAX), USA	
<b>THE SUMMIT FLAGSHIP OPENING PANEL</b>			
09:35-10:25	<b>From Personalized to Population-Scale: Building a Thriving Precision Medicine Sector in Qatar</b>	<ul style="list-style-type: none"> <li><b>Julia Vitarello</b>, Founder &amp; CEO of Mila's Miracle Foundation, USA.</li> <li><b>Manolis Dermitzakis</b>, President, Qatar Precision Health Institute (QPHI), Qatar</li> <li><b>Ed Liu</b>, fellow of The Jackson Laboratory (JAX), USA.</li> <li><b>Stephen Kingsmore</b>, President and CEO of Rady Children's Institute for Genomic Medicine, USA.</li> <li><b>Claudia Langenberg</b>, Director of the Precision Healthcare University Research Institute, Queen Mary Uni. of London, UK.</li> <li><b>Rana Lonnen</b>, General Partner, Science Capital (London) &amp; Strategic Investment Partner, Wyss Center (Geneva), Switzerland.</li> </ul>	<b>Khalid Fakhro</b> Chief Research Officer, Sidra Medicine, Qatar
10:30-11:00	<b>Networking Break</b>	<b>SESSION-1</b> <b>N-OF-1 Therapies: Precision at the Single Patient Level</b>	

11:00-11:25	<b>Keynote Lecture</b>  Fulfilling the promise of individualizable therapies: from N-of-1 to N-of-Many	<b>Tim Yu</b> Associate Professor of Pediatrics, Neurogeneticist, Division of Genetics and Genomics, Boston Children's Hospital; Harvard Medical School, USA	<b>Calum MacRae</b> Professor of Medicine, Harvard Medical School and Mass General Brigham, USA
11:25-11:45	Genetically Informed Therapies Spanning Rare Childhood Disorders to Universal Therapeutic Insights	<b>Hakon Hakonarson</b> Director of the Center for Applied Genomics at CHOP and professor of Pediatrics at the Perelman School of Medicine, University of Pennsylvania, USA.	
<b>Industry Sponsored Fireside Chat</b>			
11:45-12:05	Unlocking the next era of population health research in Qatar	<b>Jacob Thaysen</b> CEO, Illumina, USA	<b>Khalid Fakhro</b> Chief Research Officer, Sidra Medicine, Qatar
<b>SESSION-2</b> <b>Accelerating Genomic Medicine Through Advanced Technologies</b>			
12:05-12:20	<b>Industry Sponsored Talk</b> The Living Code: AVITI24 and the story of change	<b>Molly He</b> CEO, Elements Biosciences, USA	<b>Wouter Hendrickx</b> , Director and Principal Investigator, Pediatric Oncology Translational Research Program, Sidra Medicine, Qatar.
12:20-12:30	Highlight From the Front Lines (Sidra Medicine Core Genomic Lab).  Multi-Omics Integration to Uncover Functional Insights into Patient- Derived Melanoma Model using AVITI24	<b>Oleksandr Soloviov</b> Manager, Clinical Genomics Core Facility, Sidra Medicine, Qatar.  <b>Giusy Gentilcore</b> Manager, Flow Cytometry Core, Sidra Medicine, Qatar.	
12:30-01:30	<b>Lunch Break and Industry Workshop- Concurrent Sessions</b>		
01:30-01:45	<b>AWARDING CEREMONY 1</b>		
<b>SPECIAL KEYNOTE ADDRESS</b> <b>On Data Science</b>			
01:45-02:10	Adventures in Human Genetics: Integrating Genetics, Proteomics & Data Science	<b>Gonçalo Abecasis</b> Vice President & Chief Genomics and Data Science Officer at the Regeneron Genetics Center, USA	<b>Fowzan Alkuraya</b> CEO, Lifera Omics. KSA
<b>Industry Sponsored Fireside Chat</b>			
02:10-02:30	Reimagining Innovation in a Data-Driven World: From Labs to Lives	<b>Nagarajan Kathiresan</b> King Abdullah University of Science and Technology	<b>Ingrid Fernandez</b> Global head of strategy, HPE, USA
<b>Industry Sponsored Talk on Long Read Sequencing</b>			

02:30-02:45	Decoding the Complexity of Human Disease with HiFi Sequencing	<b>Neil Ward</b> Vice President and General Manager for Europe, the Middle East, and Africa, PacBio, UK.	<b>Souhaila Al Khodor</b> Director, Perinatal and Reproductive Health Translational Research Program, Sidra Medicine, Qatar
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### SESSION-3

#### SPECIAL SESSION ON AUTISM PERSONALIZED MEDICINE: Catalyzing Breakthroughs: How Strategic Philanthropy Fuels Precision Autism Research

02:50-03:10	<b>Plenary Address</b>  The Lurie Autism Institute: A New Model for Transforming Autism Science, Care, and Global Collaboration	<b>James Dowling</b> Van Meter Professor, Departments of Neurology and Genetics. Director, Penn Neurogenetics Therapy Center University of Pennsylvania/Penn Medicine. Attending Physician, Division of Neurology Children's Hospital of Philadelphia	<b>Hilal Lashuel</b> RDI Advisor to the Chairperson of Qatar Foundation and Executive Director of RDI-CPO
03:10-03:30	<b>Keynote Address</b>  From Autism Gene Discovery to Mechanism-Driven Therapies	<b>Hakon Hakonarson</b> Director of the Center for Applied Genomics at CHOP and professor of Pediatrics at the Perelman School of Medicine, University of Pennsylvania, USA.	
03:30-04:00	<b>Networking Break and Travel Award Winner Presentation</b> Integrating WGS and RNA-seq for the Diagnosis of a Non-Coding RNU4ATAC Spliceopathy. <b>Mert Pekerbas</b> Izmir Biomedicine and Genome Center, Turkey		
<b>PANEL DISCUSSION</b>			
04:00-04:40	Global Opportunities for Precision Autism Medicine with Worldwide Impact.	<b>James Dowling</b> Van Meter Professor, Departments of Neurology and Genetics. Director, Penn Neurogenetics Therapy Center University of Pennsylvania, Attending Physician, Division of Neurology, Children's Hospital of Philadelphia	<b>Hilal Lashuel</b> RDI Advisor to the Chairperson of Qatar Foundation and Executive Director of RDI-CPO
		<b>Hakon Hakonarson</b> Director, Center for Applied Genomics, CHOP; Professor of Pediatrics, University of Pennsylvania, USA	

		<p><b>Madeeha Kamal</b> Acting Division Chief Adolescent Medicine, Sidra Medicine, Qatar</p> <p><b>Jouke-Jan Hottenga</b> Acting Director, Neurological Disorders Research Center and associate professor, Qatar Biomedical Research Institute (QBRI), Qatar</p> <p><b>Noof Al Sidiqi</b> Lead- National Autism Plan in Ministry of Public Health (MoPH), Qatar.</p>	
<b>CLOSING PLENNARY LECTURE</b>			
04:40-05:10	Genomes, Avatars and AI - the Future of Personalized Medicine	<p><b>Olivier Elemento</b> Director of the Englander Institute for Precision Medicine Weill Cornell Medicine, NY, USA</p>	<p><b>Maha Al Henzab</b> Executive Director, Information Technology, Sidra Medicine</p>
05:10-05:15	Closing Remarks- Day 1		

## DAY-2

<b>Event Day</b>	<b>2</b>
Date	Wednesday, Dec 3
Venue	Exhibition Hall 1&2 QNCC

Time	Session Title / Activity	Details /Speakers	Chair	
07:30-08:15	Registration & Networking Breakfast	<b>Morning Forum</b> <b>Building the Precision Medicine Ecosystem: Research, Technology, and Patient Impact</b>		
08:15-08:25	Sidra's Medicine Translational Research Programs	<p><b>Ibrahim Janahi</b> Chief Medical Officer and Chair of Medical Education, Sidra Medicine, Qatar</p> <p><b>Khalid Fakhro</b> Chief Research Officer, Sidra Medicine, Qatar</p>	<p><b>Samir Gupta</b> Division Chief, Neonatology. Sidra Medicine, Qatar</p>	
08:25-08:35	Metabolic and Mendelian Disorders Translational Research Program, Sidra Medicine	<p><b>Ammira Akil</b> Director and Principal Investigator, Metabolic and Mendelian Disorders</p>		

		Translational Research Program, Sidra Medicine, Qatar	<b>Patricia Abboud</b> Executive Director, Medical Services, Sidra Medicine, Qatar
08:35-08:40	AGR2 deficiency as a disease and organoid model for gastric intestinal metaplasia	<b>Ahmed Al-Shaibi</b> PhD candidate, Immune Dysregulation Program, Sidra Medicine, Qatar Sidra Medicine, Qatar.	
08:40-08:45		<b>Reem Hasnah</b> Scientist, Congenital Malformations Trnslational Research Program, Sidra Medicine, Qatar.	
08:45-08:55	Neuroscience Translatinal Research Program, Sidra Medicine	<b>Younes Mokrab</b> Director and Principal Investigator, Neuroscience Translatinal Research Program, Sidra Medicine, Qatar	
<b>SESSION-1</b> <b>OPENING PLENARY LECTURE</b>			
08:55-09:20	Rapid genome sequencing and the future of inpatient precision medicine	<b>Stephen Kingsmore</b> President and CEO of Rady Children's Institute for Genomic Medicine, USA	<b>Nicholas Katsanis</b> Co-Founder, Executive VP and Chief Science Officer, Galatea Bio, USA
<b>THE CEO PANEL</b>			
09:20-10:00	The CEO Panel	<b>Devyn M. Smith</b> CEO, Arbor Biotechnologies, USA. <b>James Flynn</b> Managing Partner, Deerfield, USA. <b>Rama Chakaki</b> President, Qatar Science and Technology Park (QSTP), Qatar. <b>Oscar Barranco Liebana</b> Enterprise Innovation Program Director at QRDI Council <b>Soumaya Ben Beya Dridje</b> General Partner, Rasmal Ventures <b>Laura Furmanski</b> Partner, Patient Square Capita	<b>Khalid Fakhro</b> Chief Research Officer, Sidra Medicine. Qatar
<b>Special Keynote Address</b>			
<b>Featuring Award-Winning Leader in Neurogenetics</b>			
10:00-10:30	<b>Special Keynote Address</b> The Global Parkinson's Genetics Program: Building a Global Network.	<b>Andrew Singleton</b> Lead, the Global Parkinson's Genetics Program (GP2), USA	<b>Hilal Lashuel</b> Research Development and Innovation Advisor to the Chairperson of Qatar Foundation, Executive Director of

			RDI, Qatar Foundation, Qatar.
10:30-11:00	<b>Networking Break</b>		
<b>SESSION-2</b> <b>Architecting Precision Medicine: Data, Infrastructure, and Intelligent Technologies</b>			
11:00-11:20	<b>Industry Sponsored Focused Presentation</b> Generative Quantum AI: engineering the next generation of precision medicine and genomics.	<b>Elvira Shishenina</b> Senior Director of Strategic Initiatives. Quantinuum.	<b>Abdul Rahman Selhab.</b> Technical Manager - Genomic Data Science Core, Sidra Medicine, Qatar
11:20-11:40	<b>Industry Sponsored Talk</b> Modernizing Computing for Medical Research: from HPC to Quantum	<b>Ahmed Al Gatatsheh</b> Lead, IBM Quantum, EMEA, IBM.	
11:40-12:00	<b>Industry Sponsored Focused Presentation</b> From Pilot to Population: Advanced Computing That Turns Genomics into a Growth Engine	<b>Amit Batra</b> Chief AI & Health Transformation Officer, Microsoft, EMEA. Microsoft.	<b>Ehsan Pourkarimi</b> Assistant Professor, College of Health Sciences, Hamad Bin Khalifa University (HBKU)
12:00-12:20	<b>Technology Sponsored Presentation</b> Ozone-Driven Hygiene: A Silent Enabler of Precision Health in Hospital Environments.	<b>Jake Robinson</b> Compass, Qatar	
12:30-01:30	<b>Lunch Time and Industry Workshops</b>		
<b>Special Keynote Address on Data Sharing</b>			
01:30-01:50	Towards Responsible International Sharing of Genomic Data: Lessons Learned	<b>Ma'n Zawati</b> Research Director, Centre of Genomics and Policy, McGill University, Canada.	<b>Wadha A. Al-Muftah</b> Chief Medical and Operations Officer, Qatar Precision Health Institute, Qatar.
<b>SESSION-3</b> <b>Precision Health in Practice: Global Lessons for Policy &amp; Trust</b> <b>WISH Panel Discussion</b>			
01:50-02:30	<b>Introductory Remarks</b>  <b>Slim Slama</b> , Chief Executive Officer, World Innovation Summit for Health (WISH) Qatar Foundation, Qatar		
	<b>Ma'n Zawati</b>		

	Building Trust: Policy and Regulation for the Responsible Use of Technology and Genomic Data	Research Director, Centre of Genomics and Policy, McGill University, Canada  <b>Barry Sulaiman</b> Assistant Professor, Healthcare Law, Hamad bin Khalifa University, Qatar  <b>Rita Cerqueira</b> Director of Genetic Diagnostics and Clinical Genomics Laboratory, Portugal.	<b>Slim Slama</b> , Chief Executive Officer, World Innovation Summit for Health (WISH) Qatar Foundation, Qatar
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**Sponsored Panel Discussion**  
**AstraZeneca and BeginNGS Consortium**

02:30-03:00	New Beginnings: Rewriting the story for infants with rare diseases in our region	<b>Maha Zaki</b> Human Genetics and Genome Research Institute, Egypt  <b>Ammira Akil</b> Director, Metabolic and Mendelian Disorders Clinical Research Program, Sidra Medicine, Qatar  <b>Abdulrazaq Al-Jazairi</b> Director, the clinical Trials Transformation Division, King Faisal Specialist Hospital, KSA	<b>Stephen Kingsmore</b> President and CEO of Rady Children's Institute for Genomic Medicine, USA
03:00-03:30	<p><b>Networking Break and Travel Award Winner Presentation</b> A microRNA signature to personalize drug therapies in type 1 diabetes <b>Hrishikesh Hardikar</b> Diabetes and Islet Biology Group, School of Medicine, Western Sydney University, Australia</p>		

**SESSION-4**  
**Global Clinical Trials in Rare Disease Therapies**  
**KEYNOTE LECTURE SERIES**

03:30-03:50	Pioneering Precision Clinical Trials in the Middle East: Implementing Novel Therapies for Rare Conditions	<b>Tawfeg Ben Omran</b> Division Chief, Genetic and Genomic Medicine – Sidra Medicine Senior Consultant, Department of Medical Genetics – HMC, Qatar	<b>Richard Oram</b> Professor of Diabetes and Nephrology, University of Exeter, UK
03:50-04:10	<b>Keynote Lecture</b> Developing And Deploying Personalized Gene-Editing Therapies <b>Baby KJ Story</b>	<b>Kiran Musunuru</b> Professor for Translational Research, Perelman School of Medicine at the University of Pennsylvania, USA	
04:10-04:30	Building Global Networks for Rare Disease Trials	<b>Devyn M. Smith</b> CEO, Arbor Biotechnologies, USA	
04:30-04:50	Building Platform Technologies for Rapid Precision Drug Development: The EveryONE Medicines Approach	<b>Srinivas Chunduru</b> Chief Scientific Officer, EveryONE Medicines Inc. USA	

**CLOSING PLENARY LECTURE OF DAY 2**

05:00-05:30	Advancing Genomic Insights Through Variant Interpretation	<b>Heidi Rehm</b> Chief genomics officer, Department of Medicine Massachusetts General Hospital (MGH) and Broad Institute	<b>Hamdi Mbarek</b> Director, Research and Partnerships, QPHI, Qatar.
05:25-05:30	Closing Remarks of Day 2		

## DAY-3

<b>Event Day</b>	<b>3</b>
Date	Thursday, Dec 4
Venue	Exhibition Hall 1&2 QNCC

Time	Session Title / Activity	Details /Speakers	Chair	
07:30-08:15	Registration & Networking Breakfast	<b>Morning Forum</b> <b>Population-Scale Genomics</b>		
08:15-08:45	<b>Opening Plenary Lecture</b>  Singapore National Precision Medicine Program: Powering Research, Innovation and Enterprise on a National scale	<b>Patrick Tan</b> Dean (Designate); Senior Vice Dean, Office of Research, Singapore	<b>Ambroise Wonkam</b>  Professor of Genetic Medicine and Director of the McKusick-Nathans Institute, Johns Hopkins University, USA.	
<b>SESSION-1</b> <b>Global and Regional Expert Insights on Large Scale Genomic Studies and Artificial Intelligence Initiatives</b> <b>KEYNOTE LECTURE SERIES</b>				
08:45-09:05	Rare Lessons, Common Gains: How Rare Diseases Illuminate the Path of Precision Medicine	<b>Fowzan Alkuraya</b> Chief Medical & Genomics Officer, Lifera Omics, KSA	<b>Tawfeg Ben Omran</b>  Division Chief, Genetic and Genomic Medicine – Sidra Medicine	
09:05-09:25	Screening 100,000 Newborns Using Whole Genome Sequencing: The Generation Study.	<b>David Bick</b> Principal Clinician, Genomics England and Generation Study, UK Genomics England, UK	Senior Consultant, Department of Medical Genetics – HMC, Qatar	
09:25-09:45	Harnessing our African Genomes to Improve Health Globally	<b>Ambroise Wonkam</b>  Professor of Genetic Medicine and Director of the McKusick-Nathans Institute at School of Medicine, Johns Hopkins University, USA	AND <b>Sonia Davila</b> Executive Director of Translational Medicine, Sidra Medicine, Qatar	
09:45-10:00		<b>Hamdi Mbarek</b> Director, Research and Partnerships, QPHI, Qatar.		
<b>Panel Discussion</b>				

Scaling Genomics for National and Global Precision Medicine					
10:00-10:30	Can Regional Genomic Initiatives Influence Global Health Priorities?	<b>David Bick</b> Principal Clinician, Genomics England and Generation Study, UK  <b>Ambroise Wonkam</b> Professor of Genetic Medicine and Director of the McKusick-Nathans Institute at School of Medicine, Johns Hopkins University, USA  <b>Hamdi Mbarek</b> <b>Director of Research and Partnerships</b> , Qatar Precision Health Institute (QPHI), Qatar  <b>Fowzan Alkuraya</b> Chief Medical & Genomics Officer, Lifera Omics, Saudi Arabia  <b>Fahad Al-Mulla</b> Chief Scientific Officer & Head of the Translational research Department, Dasman Diabetes Institute- Kuwait	<b>Sonia Davila</b> Executive Director of Translational Medicine, Sidra Medicine, Qatar  AND  <b>Reem Al-Sulaiman</b> Chair, Medical Genetics Department, Hamad Medical Corporation, Qatar		
10:30-11:00	<b>Networking Break and Travel Award Winner Presentation</b> Multi-Omics in Precision Medicine: Early Detection of Relapse and Therapy Response Profiling to Guide Clinical Decisions in Pediatric Acute Myeloid Leukemia <b>Borhan Radman Saeed</b> University of Tuebingen, Germany				
SESSION-2					
Enablers of Innovation: Building Qatar's Research Capacity for Impact					
11:00-11:15	QSTP: A National Platform for Transformative Technology and Entrepreneurship	<b>Moza Al-Naemi</b> Business Engagement Lead, Qatar Science and Technology Park (QSTP)	<b>Hamad Ali Yaseen</b> Associate Professor of Genomic Medicine at Kuwait University and Senior Researcher, Dasman Diabetes Institute, Kuwait		
11:15-11:25	QRDI's Role in Shaping Qatar's Life Sciences Research and Innovation Landscape	<b>Sara Al Abdulla</b> Senior Scientific Research Program Manager – Biomedical and Health Qatar Research, Development, and Innovation Council (QRDI), Qatar	<b>Sandi Deans</b>		
11:25-11:35	Bioinformatics at UDST: Contributing to Qatar's Roadmap to Impact"	<b>Mohammad Asif Khan</b> Associate Dean, College of Computing and IT, University of Doha For Scienec and Technology (UDST), Qatar.			

11:35-11:45	Precision Medicine Opportunities: the new paradigm of pediatric and adults' genetics health	<b>Reem Alsulaiman</b> Chair, Medical Genetics Department, Hamad Medical Corporation, Qatar	Director of Genomics Quality Assessment (Gen-QA), UK
11:45-12:00	Personalized medicine: from rare diseases to cancer	<b>Vladimir Katanaev</b> Scientific Director of the Translational Oncology Research Center, Qatar Biomedical Research Institute, Qatar.	
<b>SESSION- 3</b> <b>INDUSTRY SPONORED TALKS</b>			
12:00-12:20	<b>Industry Sponsored Talk</b> Genomics and AI Innovation: Cisco's Vision for Next-Gen Precision Medicine	<b>David Coldwell</b> Global AI Executive, Cisco, USA	<b>Mark Hughes</b> Chief Commercial Officer, Zetta Genomics, UK
12:20-12:30	<b>Industry Sponsored Talk</b> The Human Genome Projects in China: From HGP-to-HGP 2	<b>Yan Li</b> Principal Research Scientist, Beijing Genomics Institute, China	
12:30-01:30	<b>Lunch Time and Industry Workshops</b>		
<b>SESSION-4</b> <b>Precision Snapshots: Fast-Track Scientific Highlights</b>			
01:30-01:45	Cross-species insemination reveals mouse sperm ability to enter and cross the fish micropyle	<b>Fatima Al-Ali</b> Reproductive Biology Lab, Translational Medicine, Sidra Medicine, Qatar	<b>Kholoud Al Shafai</b> Scientist, Translational Medicine, Sidra Medicine, Qatar
	Sequential CRISPRi Screens Reveal Cardiomyocyte Development Abnormalities Associated with Congenital Heart Disease Risk Genes	<b>Tasneem A. M. Ebrahim</b> Mindich Child Health and Development Institute & Institute for Regenerative Medicine, Icahn School of Medicine at Mount Sinai, USA	AND <b>Ameera Sadoun</b> Scientist, Translational Medicine, Sidra Medicine, Qatar
	Combined STR Haplotyping and CMA Strategy for PGT-M of a 113-kb TCOF1 Deletion	<b>Mohtash Musambil</b> Thuriah Medical Center, Saudi Arabia	
	From DADA2 Suspicion to LACC1 Deficiency: Integrating Genomics and Functional Studies in Diagnosing Autoinflammation.	<b>Rafah Mackeh</b> Staff Scientist, Immune Dysregulation Program, Sidra Medicine, Qatar	
	Unveiling the Genetic Architecture of Monogenic childhood Obesity in Qatar	<b>Idris Mohammed</b> Postdoctoral Fellow, Precision Genomics and Translational Omics Lab, Sidra Medicine, Qatar	

	Precision Medicine Landscape of Parkinson's disease in Emiratis Revealed by Multi-Omics Analysis and de novo assembly building	<b>Dia Advani</b> Mohammed Bin Rashid University of Medicine and Health Sciences, UAE	
	Reanalysis of unresolved rare genetic disorders in a pediatric cohort through long-read sequencing	<b>Amal Ibrahim</b> Qatar University	

#### Industry Partner Spotlight: VERTEX

01:45-02:00	Next-Gen Therapies for Patient Impact	<b>Chiara Cugno</b> Director - Advanced Cell Therapy Core, Sidra Medicine, Qatar.	<b>Essam Abdelalim</b> Principal Investigator, Translational Medicine, Sidra Medicine, Qatar
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#### SESSION-5

##### Enabling Innovation and Investment in Qatar's Knowledge Economy

02:00-02:15	Qatar Free Zone	<b>Sara Al-Jassim</b> Associate - Business Development, QFZ, Qatar	<b>Luis Saraiva</b> Principal Investigator, Translational Medicine, Sidra Medicine, Qatar
02:15-02:30	Invest Qatar	<b>Nasser Ali Al-Kaabi</b> Senior Specialist Investor Relations Invest Qatar	

#### SESSION-6

##### Integrating Genomic Discovery, AI, and Therapeutic Development into Clinical Practice

02:30-02:50	AI-driven integration of drug discovery and development into routine clinical care	<b>Calum MacRae</b> Vice Chair for Scientific Innovation, Department of Medicine, Brigham and Women's Hospital and Associate Professor of Medicine at Harvard Medical School, USA	<b>Abubakr Imam</b> Division Chief, Nephrology and Hypertension, Sidra Medicine, Qatar
02:50-03:10	Developmental and Disease-Related Remodeling of HSC Identity	<b>Ana Cvejic</b> Professor, Biotechnology Research and Innovation Centre (BRIC), University of Copenhagen, Denmark	

#### 03:10-03:40 **NETWORKING BREAK AND AWARDING CEREMONY 2**

#### SESSION-6 (Cont.)

03:40:03:50	Using AI for Precision Medicine at Scale: a perspective from industry	<b>Joseph Lehar</b> Advisor to biotech and venture funds	<b>Bernice Lo</b> Director and Principal Investigator, Immune Dysregulation Program, Sidra Medicine, Qatar
03:50-04:10	Advanced genomic approaches for rare and undiagnosed	<b>Üğur Özbeğ</b> Director, Rare and Undiagnosed Disease Platform	

	diseases. Insights into improving diagnostic outcomes	IBG-Izmir Biomedicine and Genome Center, Turkey	
04:10-04:30	From Populations to Cells: Precision Health Through Human Molecular Profiling at Scale	<b>Claudia Langenberg</b> Director, the Precision Healthcare University Research Institute at Queen Mary University of London, UK.	
<b>SESSION-7</b> <b>CLOSING DEBATE</b>			
04:30-05:00	We've Sequenced a Nation — What Comes Next?	<b>Nicholas Katsanis</b> Co-Founder, Executive VP, and Chief Science Officer, Galatea Bio, USA.  <b>Manolis Dermitzakis</b> President, Qatar Precision Health Institute, Qatar	<b>Ammira Akil</b> Director and Principal Investigator, Metabolic and Mendelian Disorders Clinical Research Program, Sidra Medicine, Qatar
<b>THE SUMMIT CLOSING CEREMONY</b>			
Reflections: The Takeaways- <b>Khalid Fakhro</b> - Chief Research Officer, Sidra Medicine PMFG 2026 Announcement			