

The Festival of Genomics & Biodata • Day 1 Agenda • June 24th 2025					
08:55	OPENING REMARKS				
09:00	At The Forefront of Genomics: Making Genomic Medicine a Reality Eric Green, Former Director, NHGRI				
09:30	PANEL: How is the Genomics Ecosystem Responding to the Current Climate? Eric Green, Former NHGRI Director Anthony Monaco, University Professor & President Emeritus, Tufts University Stacey Gabriel, Executive Vice President of Platforms and Scientific Execution, Broad Institute of MIT and Harvard Moderated by: Robert Green, Professor of Medicine, Harvard Medical School				
10:00	From Algorithms to Advancing Care: Lessons Learned Innovating in Diagnostics & Discovery Jack DiGiovanna, Chief Science Officer, Velsera Sponsored by Velsera				
10:30	Fireside Chat: From Sequencing to Sailing – A Journey of Genomics J. Craig Venter, Founder, Chairman, and CEO, J. Craig Venter Institute				
11:00	NETWORKING BREAK				
	11:30 - 13:00	13:00 - 14:10	14:10 - 15:40	15:40 - 16:10	16:10 - 17:40
INNOVATION STAGE	SEQUENCING INNOVATIONS	LUNCH & LIVE LOUNGE TALKS	LONG-READ SEQUENCING	NETWORKING BREAK	COMBINING TECHNOLOGIES FOR DEEP PHENOTYPING
MULTI-OMICS STAGE	STRATEGIES FOR INTEGRATIVE MULTI-OMICS		MULTI-OMICS INTEGRATION FOR PATHWAY ANALYSIS		OMICS IN DRUG DISCOVERY
AI IN DRUG DISCOVERY STAGE	DATA FOR AI IN DRUG DISCOVERY		AI IN TARGET IDENTIFICATION & VALIDATION		INNOVATIVE & GENERATIVE AI EXPLORATION
BIODATA STAGE	FROM BIG DATA TO DISCOVERY		BIG DATA, EHRs AND IMPROVING CANCER OUTCOMES		BIODATA STORAGE, INTEGRATION AND ACCESS
SINGLE-CELL & SPATIAL STAGE	SINGLE-CELL FOR TARGETABLE PATHWAYS		APPLICATIONS OF SINGLE-CELL DATA ANALYSIS		ADVANCES IN SINGLE-CELL AND SPATIAL OMICS
PROTEOMICS STAGE	NEXT GENERATION PROTEOMICS		CLINICAL PROTEOMICS AND BIOMARKER DISCOVERY		PROTEOGENOMICS
CANCER DIAGNOSTICS STAGE	CANCER EPIGENETICS AND PRECISION ONCOLOGY		ADVANCES IN LIQUID BIOPSY DIAGNOSTICS & PROFILING		BALANCING SPECIFICITY AND SENSITIVITY IN LIQUID BIOPSY ANALYSIS
GENOME DOME	ROUNDTABLE DISCUSSION: BUILDING INCLUSIVITY AND TRUST IN GENOMICS		ROUNDTABLE DISCUSSION: AI IN HEALTHCARE TRANSFORMATION		ROUNDTABLE DISCUSSION: TRANSFORMING DIAGNOSIS IN THE DIGITAL AGE: DIGITAL PATHOLOGY & AI
ROOM 50	WORKSHOP: MASTERING SPATIAL DATA ANALYSIS		WORKSHOP: COMPUTATIONAL BIOLOGY UPSKILLING		ROUNDTABLE DISCUSSION: SUSTAINING INNOVATION: RETHINKING GENOMICS FUNDING FOR THE LONG HAUL
17:40	DRINKS RECEPTION Sponsored by Dantech Corporation				
19:10	CLOSE				
The Festival of Genomics & Biodata • Day 2 Agenda • June 25th 2025					
08:55	OPENING REMARKS				
09:00	Catching the Floating DNA Around Us Carl Zimmer, New York Times Columnist and Author				
09:15	The Power of Preventative Genomic Screening Robert Green, Professor of Medicine, Harvard Medical School				
09:30	How Generative AI is transforming Biology, Genomic Medicine and Therapeutic Development Manolis Kellis, Professor of Computer Science, MIT				
09:45	Unlocking Data, Unlocking Treatments: AI in ALS Caroline Purslow, Head of Health, Challenge Works Pat Brannelly, CEO, 10'000 Brain Project				
10:00	Using Advanced Molecular Diagnostics to Improve Risk-Aligned Patient Care and Outcomes Matthew Goldberg, Senior Vice President, Medical, Castle Biosciences Sponsored by Castle Biosciences				
10:15	PANEL: Reimagining Healthcare by Bridging the Gap between Innovation and Patient Impact Nicole Renaud, Director - Global Co-Lead of Human Genetics & Targets, Novartis Jeff Reid, Vice President, RGC Chief Data Officer, Regeneron Joseph Maranville, Executive Director, Bristol Myers Squibb Melissa Miller, Senior Director, Human Genetics, Pfizer				
11:00	NETWORKING BREAK				
	11:30 - 13:00	13:00 - 13:50	13:50 - 15:20		
INNOVATION STAGE	EPIGENETICS	LUNCH & LIVE LOUNGE TALKS	VARIANT SEQUENCING		
MULTI-OMICS STAGE	OMICS IN DRUG DISCOVERY		MULTI-MODAL ANALYSIS		
AI IN DRUG DISCOVERY STAGE	BEYOND PROOF OF CONCEPT		DATA STRATEGIES & TRENDS IN AI FOR DRUG DISCOVERY		
BIODATA STAGE	HARNESSING BIG OMICS DATA IN PHARMA		POPULATION SCREENING & PUBLIC HEALTH		
SINGLE-CELL & SPATIAL STAGE	SPATIAL DATA MODELLING		INTEGRATING SINGLE-CELL, SPATIAL & OTHER OMICS		
PROTEOMICS STAGE	TRANSLATIONAL PROTEOMICS		SINGLE CELL AND SPATIAL PROTEOMICS		
CANCER DIAGNOSTICS STAGE	CANCER GENOMIC PROFILING		PRECISION ONCOLOGY		
GENOME DOME	More details to be announced shortly		ROUNDTABLE DISCUSSION: EXPLORING THE FUTURE OF GENOMIC SEQUENCING		
ROOM 50	WORKSHOP: ENHANCING VARIANT ANALYSIS & INTERPRETATION		WORKSHOP: COMPUTATIONAL ANALYSIS OF SINGLE-CELL RNA SEQUENCING DATA		
ROOM 51	WORKSHOP: CRAFTING A STANDOUT CV FOR U.S. LIFE SCIENCES CAREERS	ROUNDTABLE DISCUSSION: DRIVING INNOVATION IN PRECISION MEDICINE			
15:20	George Church, Professor of Genetics, Harvard Medical School & MIT				
16:00	CLOSE				