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	**More details to be announced shortly**
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**
11:10	NETWORKING BREAK

	11:30 - 13:00	13:00 - 14:20	14:25 - 15:55	15:55 - 16:25	16:25 - 17:55
INNOVATION STAGE	SEQUENCING INNOVATIONS		LONG-READ SEQUENCING		COMBINING TECHNOLOGIES FOR DEEP PHENOTYPING
MULTI-OMICS STAGE	STRATEGIES FOR INTEGRATIVE MULTI-OMICS		MULTI-OMICS INTEGRATION FOR PATHWAY ANALYSIS		OMICS IN DRUG DSICOVERY
AI IN DRUG DISCOVERY STAGE	DATA FOR AI IN DRUG DISCOVERY		AI IN TARGET IDENTIFICAITON & VALIDATION		INNOVATIVE & GENERATIVE AI EXPLORATON
BIODATA STAGE	FROM BIG DATA TO DISCOVERY	LUNCH & LIVE LOUNGE TALKS	BIG DATA, EHRs AND IMPROVING CANCER OUTCOMES	NETWORKING BREAK	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
ROOM 50	WORKSHOP: MASTERING SPATIAL DATA ANALYSIS		WORKSHOP: COMPUTATIONAL BIOLOGY UPSKILLING		

17:55	DRINKS RECEPTION *Sponsored by Dantech Corporation*
19:25	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	**More details to be announced shortly**
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**, M.D., FAAD, Senior Vice President, Medical, **Castle Biosciences** *Sponsored by Castle Biosciences*
10:30	**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 - 14:00	14:10 - 15:40
INNOVATION STAGE	EPIGENETICS		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	LUNCH & LIVE LOUNGE TALKS	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	ROUNDTABLE DISCUSSION: DRIVING INNOVATION IN PRECISION MEDICINE		ROUNDTABLE DISCUSSION: EXPLORING THE FUTURE OF GENOMIC SEQUENCING
ROOM 50	WORKSHOP: ENHANCING VARIANT ANALYSIS & INTERPRETATION		WORKSHOP: COMPUTATIONAL ANALYSIS OF SINGLE-CELL RNA SEQUENCING DATA

15:40	CLOSE