TIME	The Festival of Genomics & Biodata • Day 1 Agenda • June 24th 2025
	Plenary Keynote Sessions
08:55	**Opening Remarks**
09:00	**At The Forefront of Genomics: Making Genomic Medicine a Reality** Eric Green, Director, NHGRI
09:30	**More details to be announced shortly**
10:00	**More details to be announced shortly** *Sponsored by* Illumina
10:30	**Fireside Chat: From Sequencing to Scaling - A Journey of Genomics** J. Craig Venter, founder, Chairman, and CEO, J. Craig Venter Institute
11:00	**NETWORKING BREAK**

	INNOVATION STAGE	MULTI-OMICS STAGE	AI IN DRUG DISCOVERY STAGE	BIODATA STAGE	SINGLE-CELL & SPATIAL STAGE	PROTEOMICS STAGE	CANCER OMICS & DIAGNOSTICS STAGE	GENOME DOME	ROOM 50
11:30	PANEL: Sequencing in 2025 and Beyond **Hall Lemons,** Senior Director, Genomics Platform, Broad Institute **Claire Hartman,** Director, Data Science, Harvard University **Rory Kiernan,** Director of Operations, Lab Genome Analysis Center, Yale University	**How Intellectually Integrate Multi-Omic Data to Model Gene Regulatory Networks** **Kimberly Glass,** Assistant Professor of Computational Biology, Division of Pulmonary Medicine, Brigham and Women's Hospital and Harvard Medical School	**Leveraging Advanced AI/ML in Accelerate Drug Discovery From Target Identification to Disease Indication and Patient Stratification** **Emanuele N Marsilio,** VP, Global Head of Precision Medicine & Computational Biology, Sanofi	PANEL: Scaling Big Genomics Data to Supercharge Drug Development Strategy **Vivien Chang,** Associate Director, Human Genetics, GSK **Hulki Ok,** Associate Director, Genetics, Novartis **Tanya Gupta,** Head of Bioinformatics Data Engineering, Abbvie Pharmaceuticals	**Identifying Novel Targetable Pathways/Mechanisms in Cancer Cell Atlases** **Sunaish Vickles Laddha,** Principal Computational Scientist, Johnson & Johnson Innovative Medicines	PANEL: Proteomics at Scale: Big Studies, Big Data and Ever-Bigger Opportunities **Chris Whelan,** Director, Johnson and Johnson **Benjamin Sun,** Director, Genentech **Arsinoé Wyser Espallie**	Application of AI and Multi-Omic Data Science to Genetically Actionable Signatures in Pancreatic Ductal Adenocarcinoma **Shanthi Sarangipuram,** Senior Scientist, Bioinformatics, Computational Biology & Genomics Data Science, Imperial College London	**ROUNDTABLE DISCUSSION:** **Building Inclusivity and Trust in Genomics** How can we improve inclusivity in Omics research, and address trust issues in minority populations, while enhancing genomic literacy and participation in research? What are the barriers preventing diverse communities from participating in genomics research, and how can we ensure equitable benefits from advancements? How can we ethically trust in genomics research within minority populations, especially considering past and ethical violations, and current challenges? How can we ensure that genomics research addresses ethical concerns, and how can we foster trust in these communities? How can researchers, educators, and community leaders work together to increase participation in genomics, and ensure that all voices are represented in genomic decision-making roles? What steps can be taken to maintain inclusivity and trust in genomics research as we move toward increased commercialization? **Elizabeth Ofili,** Senior Associate Dean of Medicine, Director and Senior Associate Dean, Morehouse School of Medicine **Angelina Torres-Berrio,** Director of the Social and Ethical Genomics Initiative, Massachusetts General Hospital **Marlene Dumlao,** Association Professor, UT Southwestern Medical Center **Anna Lewis,** Research Scientist and Associate, Harvard Medical School and Brigham and Women's Hospital	**WORKSHOP:** **Mastering Spatial Data Analysis: From Basics to Cutting-Edge Innovations** This workshop is designed to provide a comprehensive introduction to spatial data analysis, with a focus on its application in biomedical research. The session will cover the fundamental concepts, methodologies, and tools used in spatial data analysis, including the latest advancements in the field. The workshop will have hands-on sessions, enabling participants to apply the concepts learned to real-world datasets. **Abel Hassen Samen** Assistant Professor, Molecular Pathology, Baylor College of Medicine **Ojo Ezenwaka,** Principal Investigator, Brigham and Women's Hospital **William May** Associate Professor of Biostatistics, University of Virginia
12:00	**SOLIDIFYING OMICS STAGE** More details to be announced shortly *Sponsored by* *Roche*	**STRATIFIED OMICS RESEARCH MULTI-OMICS** More details to be announced shortly *Sponsored by* *Illumina*	**DATA FOR AI & DRUG DISCOVERY** Sponsored slot available	**FROM GWAS TO DISCOVERY** More details to be announced shortly *Sponsored by* *LabWise*	**SPACE CELL DIFFERENTIATION & MAPPING** More details to be announced shortly *Sponsored by* *Parse Biosciences*	**NEXT GENERATION PROTEOMICS** More details to be announced shortly *Sponsored by* *Quantum-Si*	**CANCER PROTEOMICS AND PRECISION ONCOLOGY** More details to be announced shortly *Sponsored by* *Intercept*	**MOLECULAR EDUCATION** Sponsored slot available *Sponsored by* *Quantum-Si*	
12:30	Reliable Detection of DNA Modifications Using Long Read Sequencing **Gang Fang,** Associate Professor, Icahn School of Medicine at Mount Sinai	**VIP: A Method for High-Dimensional Multi-Omic Data Integration and Prediction Accounting for Subgroup Heterogeneity** **Sandra Safo,** Associate Professor, Biostatistics & Health Data Science, University of Minnesota	**Target Identification and Validation with One-Research RNA Data Lakes** **Maurice van Steenbergen,** Senior Director, Data Analytics, Takeda Pharmaceuticals	Using Million Genome Program Data to Improve Health Care in the Healthcare of Tomorrow **Jasmin Geasey,** Senior Director, Genomics, Harvard University, Genomics Enterprise	How to Repurpose Drugs using Single-Cell and Spatial Transcriptomics Data **Lana Garmire,** Associate Professor, University of Michigan	Mass Spectrometry-based Proteomics From Single Cells to Clinical Applications **Judith Storm,** Director of the Neuroproteomics Laboratory, Boston Children's Hospital	**Advancing Precision Medicine in Breast Cancer: Targeting Resistance Mechanisms and Mutations** **Adrian Lee,** Director, Center for Precision Medicine, UPMC and the University of Pittsburgh	**MOLECULAR EDUCATION** Sponsored slot available *Sponsored by* *Intercept*	
13:00	**LUNCH & LIVE LOUNGE TALKS**								
13:05	More details to be announced shortly *Sponsored by Bitdeer Cloudar*								
13:20	More details to be announced shortly *Sponsored by Single Cell Discoveries*								
13:35	**New Variant Allele Detection from Urinary cfDNA by Simplex Digital PCR** **Kiromal Gunawala,** Product Manager, **Omega Bio-tek** *Sponsored by Omega Bio-tek*								
13:50	**DRUG-seq: high throughput extraction free transcriptomics for next generation compound screening** **Riccardo Gorzoni,** CEO and Co-Founder, **Alithea Genomics** *Sponsored by Alithea Genomics*								
14:05	More details to be announced shortly *Sponsored by Takara Bio*								

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14:25	**LONG READ SEQUENCING** Exploration of Transcriptome Diversity Using Long Read Sequencing **Daniel Le,** Principal Investigator, Scientist, Genentech	**MULTI-OMICS INTEGRATION FOR IN TWAY ANALYSIS** How to Use Directional Multi-Omics Data Factors for Gene Prioritization and Pathway Enrichment Analysis **Jüri Reimand,** Principal Investigator of Computational Biology, The Ontario Institute of Cancer Research (OICR) Associate Professor, University of Toronto	**GENOMICS AI FOR DRUG R&D** Applying Foundation Models and Generative AI for Drug Design and Discovery **Anshul Kundaje,** Director of Machine Learning, AstraZeneca	Advancing the Landscape of Clinical Actionability in Cancer: An Evidence-Based Framework to Inform the Work of the PCGKB Oncology Consortium **Jeremy O'Connell,** Director of Clinical Genomics, Brigham and Women's Hospital	Advancing the Landscape of Clinical Actionability in Cancer: An Evidence-based Framework to Inform the PCGKB Oncology Consortium **Jeremy O'Connell,** Director of Clinical Genomics, Brigham and Women's Hospital	**APPLICATIONS OF SPACE, CELL, GEN, & TRANSCRIPTOMICS** More details to be announced shortly *Sponsored by* *Scale Biosciences*	**CANCER, PROTEOMICS AND BIOMARKERS FOR RECOVERY** Using High Throughput Affinity Proteomics to Develop a Proteomic Aging Clock **Benno Spiker-Dirks,** Associate Professor, University of Copenhagen	Discovering cfDNA Methylation Biomarkers for Liquid Biopsy based Cancer Detection and Monitoring **Dadsan Gallia,** Inaugural Interim Chair of Cancer Biology, University of Southern California	**MOLECULAR EDUCATION** Sponsored slot available	**WORKSHOP** **WORKSHOP:** **Computational Biology Upskilling** As we are seeing many people pivot their career and leap into the exciting world of data science, our Computational Biology Upskilling discussion recaps you with the knowledge and strategies to make a smooth transition into this high demand field. You will be able to hear from industry experts who have made the leap, learn how to upskill and build a strong portfolio and network effectively. **Tommy Tang,** Director, Bioinformatics, AstraZeneca **Dean Lee,** Senior Expert - Data Science, Novartis
14:55	More details to be announced shortly *Sponsored by* *Oxford Nanopore Technologies*	Sponsored slot available	Sponsored slot available	Sponsored slot available	More details to be announced shortly *Sponsored by* *Scale Biosciences*	More details to be announced shortly *Sponsored by* *Olink Proteomics*	Sponsored slot available	Sponsored slot available	
15:25	Long Read Sequencing for Brain Tumours **Anais Rodrigues,** Vice Chair of Research, University of Alabama Medical Sciences	**Applying Multi-Omic Data Integration with Knowledge Graph Network Analysis to Identify New Targets** **Ritvi,** Senior Director, Genomics, Takeda	**Utilizing Foundation Models to Evaluate Immunotherapy Response Mechanisms in Cancer** **Osama Rizvi,** Associate Director, Computational Biology, Tessa Therapeutics	**BIG DATA, DRUG AND IMPROVING CANCER OUTCOMES** Automated Foot World Data Integration Improves Cancer Outcomes Prediction **Nikolaos Schaefer,** Director, Cancer Data Science Initiative, Memorial Sloan Kettering Cancer Center	Single-Cell Profiling for Pooled Screens in Vaccine Development **Luigi Aloanobi,** Associate Director, Vaccine Analytics, GSK	Proteogenomic Analysis of Human Colon Tumorigenesis **Lukas Kuhn** Associate Director, Pfizer	Monitoring the Biology of cfDNA to Improve Liquid Biopsies **Viktor Adalsteinsson,** Director of the Genome Center for Cancer Research, Broad Institute		
15:55	**NETWORKING BREAK**								

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16:25	**COMBINATOR: CROSSCUTTING FOR EVERY PREDICTIVE AI** Revealing Complex Genotype-Phenotype Correlations using Population Scale Long-Read Sequencing **Erika Kvarnung,** Associate Professor, Baylor College of Medicine	**AI FOR MULTI-OMICS DATA IN VARIOUS FORMS** Leveraging Deep 'Omics' and AI Profiling to Uncover Disease Relevant Signatures **Deepak Dua,** Senior Scientist, Novartis	**AI IN TARGET IDENTIFICATION & VALIDATION** The Promise of AI/ML for Preclinical Drug Discovery **Brandon Peden,** Vice President, Biology, Recursion	**MEDIA SYNTHESIS, INTERVENTION AND ACCESS** Harnessing Multi-Omic Cancer Data with the Genomic Data Commons (GDC): An Impactful Discovery Tool for Cancer Progression and Response to Therapy **David Haussler,** Project Officer, Genomic Data Commons, NCI	**How to Apply Novel Single-Cell and Spatial Genomic Techniques to Study Aging and Aging Related Diseases** **Junyun Lee,** Postdoctoral Fellow, Genetics, The Rockefeller University	**PROTEOGENOMICS** Finding Actionable Therapeutic Vulnerabilities in Breast Cancer Using Proteogenomics **Lilia Leys,** Co-Leader of the Breast Cancer Programme, GenomicDrive	**MULTIMODAL SPECIFICITY AND SENSITIVITY IN LIQUID BIOPSY ANALYSIS** Leveraging a Meta-Omic Approach to Liquid Biopsy Tumor Mutation Profiling **Andre Mansfield,** Co-Lead, Bio-Techne Protein Assay Technology Center [Bonus: Intro, Bonus Intro, Liquid Biopsy]	**MOLECULAR EDUCATION** **ROUNDTABLE DISCUSSION:** **Transforming Diagnostics in the Digital Age: Digital Pathology & AI** This session will explore the opportunities and challenges associated with implementing digital pathology in laboratory discovery and patient selection. Look at how Omics data can complement translational medicine address potential hurdles in integrating this technology into clinical workflows consider the evolving role of pathologists in addressing precise diagnoses and assuming biomarkers for companion diagnostics **Uma Gaonna,** Digital Pathology, Computational Biology, Bristol Myers Squibb **Qing Li,** Director, Molecular Diagnostics **Ola Landgren,** Associate Director, Computational Biology, Broad Institute of MIT and Harvard	More details to be announced shortly
16:55	Sponsored slot available	Sponsored slot available	Sponsored slot available	Sponsored slot available	Sponsored slot available	Sponsored slot available	Sponsored slot available	Sponsored slot available	
17:25	Integrating Data-Driven Molecular Discovery with Functional Genomics to Decode Genotype-Phenotype Insights **Irina Pushel,** Bioinformatics Analyst, Children's Mercy Research Institute	How to Use Machine Learning Approaches to Interpret the Tumor Microenvironment Using Spatial Immune profiling & Spatial Transcriptomics Data Integration **Jovita Fan,** Professor of Computational Medicine and Bioinformatics, University of Michigan Ann Arbor	PANEL: Empowering Your AI Applications in Therapeutics Target Discovery **Manoj Bandugi,** Director of Research, Bioinformatics, Bristol Myers Squibb **Michael Steinbaugh,** Director, Data, AI & Genome Sciences, **Merck** **Shannon Hinzke,** Executive Director, Genomics Data Science and Computational Biology, **Sanofi** **Simona Cristea,** Head of Genomics and AI, **Gene Factor Cancer Institute** **Ronan O Laoihan,** Director of Therapeutic Data Science and Professor of Genome Medicine, **The University of Texas MD Anderson Cancer Center**	Advancing Alzheimer's Research through Genomics: Insights from ADSP and NIAGADS **Li Gan Wang,** Co-Director, Genome Neuroscience Genomics Center, University of Pennsylvania	Map Genetic and Non-Genetic Disease Drivers through Single Cell Multi-Omics **Anna Greig Gun,** Associate Director, **World Consult Medicine and New York Presbyterian Hospital**			
17:55	**DRINKS RECEPTION**								
19:25	**CLOSE**								

TIME	The Festival of Genomics & Biodata • Day 2 Agenda • June 25th 2025
	Plenary Keynote Sessions
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 Pozidis,** Head of Health, **Challenge Works** **More details to be announced shortly**
10:00	**Matthew Goldberg,** Senior Vice President, **Medical, Cadie Biosciences** *Sponsored by Cadie Biosciences*
10:30	**PANEL: Reimagining Healthcare through Bridging 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 Mazzarella,** Executive Director, **Bristol Myers Squibb** **Melissa Miller,** Senior Director, Human Genetics, **Pfizer**
11:00	**NETWORKING BREAK**

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11:30	The Development of Aging Related DNA Methylation Derived Predictors of Phenotypic Traits **Andres Cardenas,** Assistant Professor, Stanford University	Clinical Proteomics and Metabolomics in Biopharma Drug Discovery and Development **Sergei Rudnev,** Senior Director, Clinical Genomics Research, Glycomic Sciences, R&D Biopharmaceuticals, AstraZeneca	Genomics, Stem Cells, and In Vivo Drug Discovery **Joseph Ho,** Director, Stanford Cardiovascular Institute	TwiBrics: A SAM Multi-Omics Data Structure and Analytic Framework **Felix Francis,** Senior Manager, Data Management and Analytics, Takeda **Takeda**	Harnessing Multi/Poly Modal Samples, Multimodal Spatial to Model the Tumor Microenvironment **Wesley Tansey,** Principal Investigator and Assistant Attending Computational Oncologist, Memorial Sloan Kettering Cancer Center	Supporting Clinical Trials with High-Throughput Proteomic Profiling **Jeremie Mathieu,** Associate Director, **Novartis**	PANEL: Paving the Way Towards Liquid First. Challenges, Opportunities and Reality **Jasmin Lehman,** Senior Director, **AstraZeneca** **Rafaela Radic-Protent,** Director of Strategic Relations, **Abbvie** **Daniel Ellman,** Director, **AstraZeneca**	**MOLECULAR EDUCATION** **Driving Innovation in Molecular Education for Broader Impact** In this roundtable discussion, session answers to your hottest questions, including: What genomic and data analytic advancements are needed to accelerate precision medicine? What challenges in genomics shaping personalized treatment strategies? What barriers must be overcome to expand precision medicine to diverse patient populations? What are the emerging opportunities in clinical genomics for cancer care and rare diseases? **Simon Heales,** Assistant Professor, Molecular Genetics & Genetic Medical Genetics, **MD Anderson Cancer Center** **Winston Hide,** Co-Director of the Stem Cells/RNA Precision Diagnostics Program, Harvard Medical School, **BCMC** **Kazimierz Wiatrowski,** Associate Director, Clinical Genomics & Molecular Diagnostics, **NYU Langone** **Jan Hong,** Assistant Professor of Pathology, **Harvard Medical School** & Director, Genomics Medicine, Mass Eye and Ear, **MGBC**	**WORKSHOP:** **Enhancing Variant Analysis and Interpretation** Clinical interpretation of DNA sequence variants is a crucial part of reporting results from genetic testing. The use of NGS has greatly advanced the diagnosis of genetic disorders, but it has also created the need for a number of DNA sequence variants identified in samples, including many that are novel, presents significant challenges for clinical interpretation. This workshop will help develop and improve attendees' skills and knowledge for interpreting genetic variants, including identification, classification, clinical relevance and utilizing relevant tools and resources. **Sarah Nelson** Co-Director, Medical Genetics Laboratories, Medical Director PGDx, **Broad Institute** **Liz Worthey,** Section Head, Director, and Associate Professor, **UAB School of Medicine** **Sugeeth Balakrishnan,** Director, Computational Biology, **Regeneron**
12:00	**OMICS IN DRUG DISCOVERY** Sponsored slot available	**BEYOND PROOF OF CONCEPT** Sponsored slot available	**BEYOND PROOF OF CONCEPT** Sponsored slot available	**INTERPRETING BIG DATA FOR ACTIONABLE INSIGHTS** Unleashing the Secrets of Data: Challenges and Solutions in Genomic Variant Value Chain **Akash Kumar Pillai,** Group Head, Program Management - Genomics, **Fourtis** *Sponsored by* *Fourtis*	**SPATIAL OMICS MODELLING** Advancing Tissue Biology Research with Microscope Software for Spatial Multi-omics **Mario Romero,** Director, **Aspect Analytics** *Sponsored by* *Aspect Analytics*	**SPATIAL PROTEOMICS** Exploring Organ Crosstalk in a Model for Atherosclerosis using Comprehensive Plasma Proteomics **Sasha Singh,** Director, of Proteomics Research, Brigham and Women's Hospital	**CANCER GENOME PROFILING** Multi-omic Analyses of CTLs for Cancer Profiling and Diagnostics **David Kiyatkin,** Physician Scientist and Radiation Oncologist, Massachusetts General Hospital	**MOLECULAR EDUCATION** Sponsored slot available	**WORKSHOP** **Social Justice:** Co-Director, Medical Genetics Laboratories, Medical Director PGDx, **Broad Institute** **Liz Worthey,** Section Head, Director, and Associate Professor, **UAB School of Medicine** **Sugeeth Balakrishnan,** Director, Computational Biology, **Regeneron**
12:30	Harnessing Epigenetics to Combat Chemoresistant Cancer Cells **Nina Cabrera,** Senior Research Fellow, Bi-lab's Research Hospital	The Power of Scaling and Deepening Datasets to Drive Medicines of the Future **Gonçalo Abecasis,** Vice President and Chief Genomics and Data Science Officer, **Regeneron**	Phenomic Foundation Models for Drug Discovery **Gallego Zalts,** Senior Director, Data Science, Recursion	Where Quantum Computing Meets Clinical Trials Enter Agrivi **Jacob Lee,** Senior Manager, Data Science, **Amgen**	Novel Spatial Molecular Pathology Approaches to Understand Disease Pathophysiology and Support Drug Discovery **Silvia Liu,** Associate Director, **AbbVie**	Exploring Organ Crosstalk in a Model for Atherosclerosis using Comprehensive Plasma Proteomics **Sasha Singh,** Director, of Proteomics Research, **Brigham and Women's Hospital**			
13:00	**LUNCH & LIVE LOUNGE TALKS**								
13:05	More details to be announced shortly								
13:20	More details to be announced shortly								
13:35	More details to be announced shortly								
13:50	More details to be announced shortly								

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14:10	**VARIANT SEQUENCING** The Genomes Are Here: Harnessing Whole Genome Sequencing to Radicalise Target Discovery in Complex Diseases **Panos Bousios,** Associate Director, Spatial Genomics, **GSK**	**MULTI-MODAL LANDSCAPE** Multi-Modal Spatial Omics Characterization Reveals Determinants of Cell Identity in Pancreatic Cancer **Eugene Drokhlyansky,** Associate Scientist Director, **Bristol Myers Squibb** **Brian Raby,** Investigator, **Bristol Myers Squibb**	**DATA FOR TARGET & THERAPEUTIC DISCOVERY** Biological Interpretation Learning at Cl.AI **Ali Afzal Tuan,** Director of Artificial Intelligence Platform, **GSK**	**POPULATION SCREENING & PERSONALIZED HEALTH** Large Scale Population Genetics Influencing Genomics & Rare Disease Drug Discovery **Guillermo del Angel,** Executive Director, Rare Diseases Head, Centre for Genomics Research, **AstraZeneca**	**INTEGRATING SINGLE CELL, SPATIAL & OTHER OMICS** Using Integrative Proteogenomic Analysis to Identify Rare Targets and Risk Factors for Cardiovascular Diseases **Sakeeb Fazal(s),** Assistant Professor, **McGill University**	Real-Working: A Fundamental Single-Cell and Spatial Data Strategy for Prioritising Disease Hypothesis **Dean Lee,** Senior Expert, **Novartis**	**SPATIAL OMICS** Single-Cell and Spatial Transcriptomic Profiling Reveals Immune Cell Programs in Ovarian Cancer **Kristin Beaumont,** Associate Professor & Associate Director, Center for Advanced Genomic Technology Department of Genetics and Genomic Sciences, **Icahn School of Medicine at Mount Sinai**	Spatial Proteomic-omic Integration Informed Therapeutic Resistance Mechanisms in Cancer **Martin Hemberg,** Associate Scientist Neurology, **Brigham and Women's Hospital**	**CANCER OMICS & DIAGNOSTICS STAGE** More details to be announced shortly *Sponsored by* *Illumina*	**GENOME DOME** **ROUNDTABLE DISCUSSION:** **Exploring the Future of Genomic Sequencing: Roundtable** In this roundtable session, join your peers and get answers to crucial questions, such as: What is the current state of play of the genomic sequencing field? What are some new innovations and sequencing technologies that are progressing the field and allowing faster and more accurate sequencing, and how are these impacting genomic research and drug discovery? How are new sequencing technologies changing the landscape? How is genomic sequencing enabling personalised treatments for cancers and rare diseases? How is genomic sequencing influencing early detection, diagnosis and prevention? Can I 100% based genomics tests be integrated into genomic sequencing for early disease detection and diagnosis? What does the future of genomic sequencing look like? Can we use genomic sequencing techniques to learn more about sequencers and sequencers? **Desi Deaton Lewis,** Director, Genomics & Science Technologies, **Belle Center for Genomics & Computational Biology** **Jacob Kurman,** Scientific Genomics, DGS Technology Center, **Pfizer** **Prasad Gowdanahalli,** Senior Director, **Sanofi**	**WORKSHOP** **How to Better Computationally Analyse Your Single-Cell Bio-Sequencing Data and Data** This workshop will present an overview of the computational workflow involved in processing scRNA-seq data. It will have hands on demonstration of the most common tools and the tools available for addressing central biological questions. The workshop will also provide an overview of the tools and steps for performing computational analyses. This tutorial provides a hands-on guide for experimentalists, computational biologists, students as well as for seasoned bioinformaticians seeking to develop new computational methods. **Gaurav Gaiha,** Computational Scientist 1, **Genentech** **Mary Piper,** Senior Principal Scientist, **Pfizer** **Zhalal Suleimenova,** Principal Machine Learning Research Scientist, **AbbVie**
14:40	**DATA STANDARDS & TOOLS IN AI FOR DRUG DISCOVERY** Applying Molecular Genetics and Cytogenetics in the Clinic for Variant Reporting **Heather Mason-Suares,** Associate Professor in Pathology, Brigham and Women's Hospital	Setting Multi-Modal Strategies for Integrative Functionomics **Andre Fabenchen,** Senior, Functionomics & Computer Vision, Oncology R&D Data Science, **AstraZeneca**	Biologics: AI/Automation Applying Foundation Models and Generative AI to Industrialise Drug Design and Discovery **Donna Milde,** Director, Biologics Informatics, **Sanofi** **Ali Ali,** Director, **Sanofi**	**PANEL: How to Optimize Data Strategies & Trends to Improve AI for Drug Discovery?** **Lena Dolphin,** Head of Computational Chemistry, Lilly, **Eli Lilly and Company** **Emanuele N Marsilio,** VP, Global Head of Precision Medicine & Computational Biology, **Sanofi** **Rohit Arora,** Innovation Lead - Data Science & AI/ML, **Moon Rentals** **Charles O'Donnell,** Vice President, Head of Quantitative Genetics and Data Science, **Omega Therapeutics**	Harnessing Population Scale Diabetes Genomic Data from the UK Biobank Research Analysis Platform and RGM's AMP DiG Program to Precision Health **Eric Venner,** Director of Clinical Informatics, **Regeneron**	**Single-Cell and Spatial Transcriptomic Profiling Reveals Immune Cell Programs in Ovarian Cancer** **Kristin Beaumont,** Associate Professor & Associate Director, Center for Advanced Genomic Technology Department of Genetics and Genomic Sciences, **Icahn School of Medicine at Mount Sinai**	Multimodal Imaging Methods for Understanding Immune Oncology Responses **Elizabeth Newman,** Assistant Professor, **UC Davis**	**PROTEOMICS** Comparative Diagnostic Development for TCR Tx **Elaine Joseph,** Director of Diagnostics, **AstraZeneca**	**MOLECULAR EDUCATION** Sponsored slot available	
15:10	Assessing Genome Integrity of Gene Therapy Vectors Using Long Read (SMRT) Sequencing **Prasad Kowsabail,** Scientist - Next Generation Sequencing, **Sanofi**	Decipher Responses to Infectious using Multi-Scale Multi-Omics Approaches **Christian Carr,** Associate Professor in the Department of Genetics and Genomic Sciences, **Icahn School of Medicine at Mount Sinai**	**Biologics: AI/Automation Applying Foundation Models and Generative AI to Industrialise Drug Design and Discovery** **Donna Milde,** Director, Biologics Informatics, **Sanofi** **Ali Ali,** Director, **Sanofi**	Harnessing Population Scale Diabetes Genomic Data from the UK of Its Research Workbench and RGM's AMP DiG Program to Precision Health **Eric Venner,** Director of Clinical Informatics, **Regeneron**	**Single-Cell Profiling Reveals Immune Cell Programs in Ovarian Cancer** **Kristin Beaumont,** Associate Director, **Icahn School of Medicine at Mount Sinai**	Developing a Spatial Analysis Toolbox for Early Drug Discovery using Targeted Proteomics and Transcriptomics **Vincent Rogiluyen,** Senior Scientist 1, **AbbVie**	Using Immunotherapy Earlier in Targets a Genetic Mutation: Most Promising Experimental Rectal Cancer Treatment **Andrea Cercek,** Medical Oncologist, Founder and Co-Directed Lead Center for Young Onset Colorectal and Gastrointestinal Cancers, **Memorial Sloan Kettering Cancer Center**		
15:40	**CLOSE**								