

|                                                   | DAY 1 OF THE FESTIVAL OF GENOMICS & BIODATA 2025                                                                                            |                                                                                        |                                                              |               |                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|---------------------------------------------------------------|
| 08:55                                             | Opening Remarks                                                                                                                             |                                                                                        |                                                              |               |                                                               |
| 09:00                                             | How The NHS England Is Continuing To Reshape Healthcare With Genomics<br><br>Professor Dame Sue Hill, Chief Scientific Officer, NHS England |                                                                                        |                                                              |               |                                                               |
| 09:30                                             | More details to be announced shortly. Sponsored by Illumina                                                                                 |                                                                                        |                                                              |               |                                                               |
| 10:00                                             | Genetics, Microbes and The Future of Personalised Nutrition<br><br>Tim Spector, Professor in Genetic Epidemiology, King’s College London    |                                                                                        |                                                              |               |                                                               |
| 10:30                                             | Break                                                                                                                                       |                                                                                        |                                                              |               |                                                               |
|                                                   | 11:15 - 12:45                                                                                                                               | 12:45 - 14:10                                                                          | 14:10 - 15:40                                                | 15:40 - 16:10 | 16:10 - 17:50                                                 |
| MAIN STAGE                                        | NANOPORE SEQUENCING                                                                                                                         | LUNCH & LIVE LOUNGE PRESENTATIONS & PATIENT PERSPECTIVES ON THE GENOMIC MEDICINE STAGE | LONG-READ SEQUENCING                                         | BREAK         | SEQUENCING INNOVATION                                         |
| BIODATA STAGE                                     | BIG DATA STORAGE & ACCESS                                                                                                                   |                                                                                        | DATA STORAGE, ACCESS, & ANALYSIS IN THE CLOUD                |               | BIG DATA SUPPORTING RESEARCH                                  |
| SINGLE-CELL & SPATIAL STAGE                       | SINGLE-CELL GENOMICS                                                                                                                        |                                                                                        | SINGLE-CELL MULTI-OMICS                                      |               | SINGLE-CELL & SPATIAL INTERROGATION OF CANCER                 |
| CANCER OMICS STAGE                                | CANCER GENOMICS AND EVOLUTION SEQUENCING                                                                                                    |                                                                                        | COMPREHENSIVE GENOMIC PROFILING                              |               | IDENTIFYING CANCER DRIVERS                                    |
| MULTI-OMICS STAGE                                 | MULTI-OMICS DATA COLLECTION                                                                                                                 |                                                                                        | MULTI-OMICS ANALYSIS                                         |               | MULTI-OMICS DATA INTEGRATION & VISUALISATION                  |
| PROTEOMICS STAGE                                  | NEXT GENERATION PROTEOMICS                                                                                                                  |                                                                                        | POPULATION PROTEOGENOMICS                                    |               | PROTEOMIC PROFILING AND BIOMARKER DISCOVERY                   |
| DATA-DRIVEN DRUG DISCOVERY STAGE                  | OMICS IN DRUG DISCOVERY                                                                                                                     |                                                                                        | MULTI-OMICS IN DRUG DISCOVERY                                |               | DATA-DRIVEN DRUG DISCOVERY                                    |
| EPIGENETICS AND EMERGING OMICS STAGE              | EPIGENETICS                                                                                                                                 |                                                                                        | EPIGENETICS                                                  |               | CANCER EPIGENETICS                                            |
| HEALTHCARE TRANSFORMATION AND PUBLIC HEALTH STAGE | PHARMACOGENOMICS                                                                                                                            |                                                                                        | PHARMACOGENOMICS AND POLYGENIC RISK SCORES                   |               | POLYGENIC RISK SCORES                                         |
| GENOME EDITING STAGE                              | ADVANCES IN GENOME EDITING TECHNOLOGIES                                                                                                     |                                                                                        | ADVANCES IN GENOME EDITING TECHNOLOGIES                      |               | GENOME EDITING TRANSLATION INTO THE CLINIC                    |
| BACTERIA, BUGS & BIG DATA STAGE                   | MICROBIOME & METAGENOMICS                                                                                                                   |                                                                                        | MICROBIOME & METAGENOMICS                                    |               | MICROBIOME & METAGENOMICS                                     |
| DRUG DISCOVERY STAGE                              | CANCER VACCINES                                                                                                                             |                                                                                        | NUCLEIC-ACID BASED THERAPIES                                 |               | PROTACS                                                       |
| GENOMIC MEDICINE STAGE                            | NHS SHOWCASE - TESTING DEVELOPMENTS                                                                                                         |                                                                                        | NHS SHOWCASE - MAINSTREAMING GENOMICS INTO CLINICAL PRACTICE |               | NHS SHOWCASE - DEVELOPING THE DATA AND DIGITAL INFRASTRUCTURE |
| LIVE LOUNGE                                       | GENOMICS INTERACTING WITH THE ENVIRONMENT                                                                                                   |                                                                                        | GENOMICS IN PSYCHIATRY & MENTAL HEALTH                       |               | ETHICS, DIVERSITY & PATIENT PERSPECTIVES                      |
| GENOME DOME                                       | WORKSHOP: VARIANT OF UNKNOWN SIGNIFICANCE                                                                                                   |                                                                                        | ROUNDTABLE: PRECISION MEDICINE                               |               | ROUNDTABLE: COMBATTING ANTIMICROBIAL RESISTANCE               |
| EXPLORATORY DOME                                  | WORKSHOP: CLINICAL SCIENTIST CAREER TASTER                                                                                                  |                                                                                        | ROUNDTABLE: PERSONAL BRANDING                                |               | CLOSED                                                        |
| SINGLE--CELL & SPATIAL DOME                       | WORKSHOP: SPATIAL DATA ANALYSIS                                                                                                             |                                                                                        | ROUNDTABLE: SPATIAL OMICS WITH AI                            |               | ROUNDTABLE: SINGLE-CELL & SPATIAL TECHNOLOGY                  |

|                                                   | DAY 2 OF THE FESTIVAL OF GENOMICS & BIODATA 2025                                       |                                                |                                                       |               |                                                     |
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| 08:55                                             | Opening Remarks                                                                        |                                                |                                                       |               |                                                     |
| 09:00                                             | The Future of Genomics<br><br>Richard Scott, Chief Executive Officer, Genomics England |                                                |                                                       |               |                                                     |
| 09:30                                             | More details to be announced shortly. Sponsored by Illumina                            |                                                |                                                       |               |                                                     |
| 10:00                                             | More details to be announced shortly.                                                  |                                                |                                                       |               |                                                     |
| 10:30                                             | Break                                                                                  |                                                |                                                       |               |                                                     |
|                                                   | 11:15 - 12:45                                                                          | 12:45 - 14:10                                  | 14:10 - 15:40                                         | 15:40 - 16:10 | 16:10 - 17:10                                       |
| MAIN STAGE                                        | RNA-SEQ                                                                                | LUNCH, LIVE LOUNGE PRESENTATIONS               | ONE-WORLD GENOMICS                                    | BREAK         | UK GENOMICS POLICY                                  |
| BIODATA STAGE                                     | BIODATA & ANALYSIS                                                                     |                                                | INFRASTRUCTURE OPTIMISATION FOR RESEARCH & HEALTHCARE |               | PANEL: INTERNATIONAL DATA SHARING                   |
| SINGLE-CELL & SPATIAL STAGE                       | INTEGRATING SINGLE-CELL AND SPATIAL MULTI-OMICS                                        |                                                | SPATIAL DATA ANALYSIS                                 |               | PANEL: DATA CHALLENGES OF HIGH RESOLUTION BIOLOGY   |
| CANCER OMICS STAGE                                | PRECISION ONCOLOGY                                                                     |                                                | LIQUID BIOPSY & DIAGNOSTICS                           |               | LIQUID BIOPSY & DIAGNOSTICS                         |
| MULTI-OMICS STAGE                                 | CANCER MULTI-OMICS                                                                     |                                                | MULTI-OMICS DATA INTEGRATION                          |               | PANEL: COMPANION DIAGNOSTICS AND PRECISION MEDICINE |
| PROTEOMICS STAGE                                  | PROTEOMICS AT SCALE                                                                    |                                                | SINGLE-CELL AND SPATIAL PROTEOMICS                    |               | CLOSED                                              |
| DATA-DRIVEN DRUG DISCOVERY STAGE                  | AI IN DRUG DISCOVERY                                                                   |                                                | DATA MANAGEMENT IN PHARMA                             |               | PANEL: AI IN DRUG DISCOVERY                         |
| EPIGENETICS AND EMERGING OMICS STAGE              | EMERGING OMICS                                                                         |                                                | EPIGENETICS                                           |               | POPULATION GENOMICS                                 |
| HEALTHCARE TRANSFORMATION AND PUBLIC HEALTH STAGE | AI IN HEALTHCARE TRANSFORMATION                                                        |                                                | LEVERAGING CLINICAL DATA FROM EHR'S                   |               | MORE DETAILS TO BE ANNOUNCED SHORTLY                |
| GENOME EDITING STAGE                              | PERSONALISED CELL & GENE THERAPY                                                       |                                                | PERSONALISED CELL & GENE THERAPY                      |               | PERSONALISED CELL & GENE THERAPY                    |
| BACTERIA, BUGS & BIG DATA STAGE                   | PATHOGEN GENOMICS & PUBLIC HEALTH                                                      |                                                | PATHOGEN GENOMICS & PUBLIC HEALTH                     |               | PATHOGEN GENOMICS & PUBLIC HEALTH                   |
| DRUG DISCOVERY STAGE                              | ADVANCED THERAPIES                                                                     |                                                | REGENERATIVE MEDICINE                                 |               | CLOSED                                              |
| GENOMIC MEDICINE STAGE                            | NURSING AND MIDWIFERY                                                                  |                                                | GENETIC COUNSELLING                                   |               | PATIENT VOICES                                      |
| LIVE LOUNGE                                       | WOMEN'S HEALTH                                                                         |                                                | GENOMICS IN PREGNANCY AND PRENATAL SEQUENCING         |               | NEWBORN SCREENING                                   |
| GENOME DOME                                       | ROUNDTABLE: NAVIGATING THE SEQUENCING LANDSCAPE                                        |                                                | WORKSHOP: MORE DETAILS TO BE ANNOUNCED SHORTLY        |               | ROUNDTABLE: ETHICS & GENETIC COUNSELLING            |
| EXPLORATORY DOME                                  | ROUNDTABLE: MORE DETAILS TO BE ANNOUNCED SHORTLY                                       | WORKSHOP: MORE DETAILS TO BE ANNOUNCED SHORTLY | MORE DETAILS TO BE ANNOUNCED SHORTLY                  |               |                                                     |
| SINGLE--CELL & SPATIAL DOME                       | WORKSHOP: SINGLE CELL TECHNOLOGIES                                                     | WORKSHOP: SINGLE CELL TECHNOLOGIES             | CLOSED                                                |               |                                                     |
| 17:10                                             | MYSTERY KEYNOTE SPEAKER                                                                |                                                |                                                       |               |                                                     |