***Hybrid Conference Programme***

| Start (BST) | Finish (BST) | Time allocated | Presenter details |
|---|---|---|---|
| **Monday 29 June 2026** | | | |
| **12:00** | **13:00** | 60 mins | **Registration, lunch and networking** |
| 12:45 | 13:00 | | *Briefing for KNS, Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium* |
| **13:00** | **13:10** | | **Welcome and introductions** |
| | | 5 mins | ***Wellcome Connecting Science:*** |
| | | | *Nagehan Ramazanoglu Bahadir, Wellcome Connecting Science, UK* |
| | | 5 mins | ***Scientific programme committee:*** |
| | | | *Melina Claussnitzer, Broad Institute, USA* |
| | | | *Craig Glastonbury, Human Technopole, Italy* |
| | | | *Jonathan Pritchard, Stanford University, USA* |
| | | | *Gosia Trynka, Wellcome Sanger Institute/Open Targets, UK* |
| **13:10** | **14:00** | 50 mins | **Keynote** |
| | | | *Chair: TBC* |
| | | | *Moderator: TBC* |
| 13:10 | 14:00 | 40 + 10 Q&A mins | Title TBC |
| | | | *Jonathan Pritchard, Stanford University, USA* |
| 14:00 | 14:05 | 5 mins | Comfort break |
| **14:05** | **15:35** | 90 mins | **Session 1: Scalable genomic perturbations** |
| | | | *Chair: TBC* |
| | | | *Moderator: TBC* |
| 14:05 | 14:35 | 25 + 5 Q&A mins | A CRISPR way to understand neurodegenerative disease |
| | | | *Andrew Bassett, Wellcome Sanger Institute, UK* |
| 14:35 | 15:05 | 25 + 5 Q&A mins | Functional variation in the human genome: Lessons from population genomics and experimental perturbations |
| | | | *Tuuli Lappalainen, New York Genome Center, USA* |
| 15:05 | 15:20 | 10 + 5 Q&A mins | Short talk selected from abstracts |
| | | | *Short talk speaker* |
| 15:20 | 15:35 | 10 + 5 Q&A mins | Short talk selected from abstracts |
| | | | *Short talk speaker* |
| 15:35 | 16:15 | 40 mins | Refreshment break and networking |
| 16:05 | 16:15 | 10 mins | Briefing for session 2 speakers, chair & moderator - Auditorium |
| **16:15** | **17:45** | 90 mins | **Session 2: Imaging technologies for cell profiling** |
| | | | *Chair: TBC* |
| | | | *Moderator: TBC* |
| 16:15 | 16:45 | 25 + 5 Q&A mins | Optical Pooled Screens for Neurodegenerative Diseases: High-Content Functional Genomics beyond the Genome-Wide Scale |
| | | | *Owen Andrews, Broad Institute, USA* |
| 16:45 | 17:15 | 25 + 5 Q&A mins | Perturbing cell fate regulators across biological contexts |
| | | | *Silvia Domcke, University of Zurich, Switzerland* |
| 17:15 | 17:30 | 10 + 5 Q&A mins | Short talk selected from abstracts |
| | | | *Short talk speaker* |
| 17:30 | 17:45 | 10 + 5 Q&A mins | Short talk selected from abstracts |
| | | | *Short talk speaker* |
| **17:45** | **18:15** | 30 mins | **Poster pitch talks for odd number posters** |
| **18:15** | **19:15** | 60 mins | **Poster session 1 - odd number posters** |
| 19:15 | | | Bar open (card payments only) |
| 19:15 | 21:00 | | Dinner |

## Tuesday 30 June 2026

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| *09:15* | *09:30* | | *Briefing for Session 3 speakers, chair & moderator - Auditorium* |
| **09:30** | **11:00** | 90 mins | **Session 3: Linking polygenic signals to gene programs**<br>*Chair: TBC*<br>*Moderator: TBC* |
| 09:30 | 10:00 | 25 + 5 Q&A mins | A Universal Translator of Transcriptome to Protein Interactome Algorithm<br>*Stephen Michnick, Université de Montréal, Canada* |
| 10:00 | 10:30 | 25 + 5 Q&A mins | Insights from process specific polygenic scores in diabetes<br>*Miriam Udler, Harvard Medical School, USA* |
| 10:30 | 10:45 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 10:45 | 11:00 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 11:00 | 11:45 | 45 mins | Refreshment break and networking |
| *11:30* | *11:45* | | *Briefing for session 4 speakers, chair & moderator - Auditorium* |
| **11:45** | **13:15** | 90 mins | **Session 4: From genetic and induced perturbation to phenotype through imaging**<br>*Chair: TBC*<br>*Moderator: TBC* |
| 11:45 | 12:15 | 25 + 5 Q&A mins | Title TBC<br>*Melina Claussnitzer, Broad Institute, USA* |
| 12:15 | 12:45 | 25 + 5 Q&A mins | Image-based profiling to investigate how environmental contaminants impact cell function<br>*Jessica Ewald, EMBL/EBI, UK* |
| 12:45 | 13:00 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 13:00 | 13:15 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 13:15 | 14:30 | 75 mins | Lunch and networking |
| *14:15* | *14:30* | | *Briefing for Session 5 speakers, chair & moderator - Auditorium* |
| **14:30** | **16:00** | 90 mins | **Session 5: Generating high-resolution trait descriptors**<br>*Chair: TBC*<br>*Moderator: TBC* |
| 14:30 | 15:00 | 25 + 5 Q&A mins | A picture's worth a thousand data points: leveraging biomedical imaging to dissect the impact of genetic variation on human biology<br>*Hannah Currant, University of Oxford, UK* |
| 15:00 | 15:30 | 25 + 5 Q&A mins | Title TBC<br>*Sarah Teichmann, Cambridge Stem Cell Institute, University of Cambridge, UK* |
| 15:30 | 15:45 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 15:45 | 16:00 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 16:00 | 16:45 | 45 mins | Refreshment break and networking |
| **16:45** | **17:15** | 30 mins | **Poster pitch talks for even number posters** |
| **17:15** | **18:15** | 60 mins | **Poster session 2 - even number posters** |
| 18:15 | | | Bar open (card payments only) |
| 18:15 | 20:15 | | Dinner |

| Wednesday 1 July 2026 | | | |
|---|---|---|---|
| *09:15* | *09:30* | | *Briefing for Session 6 speakers, chair & moderator - Auditorium* |
| **09:30** | **11:00** | 90 mins | **Session 6: Charting cellular function at high-throughput**<br>*Chair: TBC*<br>*Moderator: TBC* |
| 09:30 | 10:00 | 25 + 5 Q&A mins | The role of protein mislocalization in human genetic disorders<br>*Mikko Taipale, University of Toronto, Canada* |
| 10:00 | 10:30 | 25 + 5 Q&A mins | Bridging Cellular Morphology and Molecular State through Single-Cell Phenomics<br>*Bart Deplancke, École Polytechnique Fédérale de Lausanne, Switzerland* |
| 10:30 | 10:45 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 10:45 | 11:00 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 11:00 | 11:30 | 30 mins | Refreshment break and networking |
| *11:15* | *11:30* | | *Briefing for Session 7 speakers, chair & moderator - Auditorium* |
| **11:30** | **13:00** | 90 mins | **Session 7: Computational methods for multimodal data integration**<br>*Chair: TBC*<br>*Moderator: TBC* |
| 11:30 | 12:00 | 25 + 5 Q&A mins | Massively Multiplexed Multi-Modal Chemical Screens at Single-cell Resolution<br>*Romain Lopez, New York University, USA* |
| 12:00 | 12:30 | 25 + 5 Q&A mins | Representation learning for cell and tissue biology: from multimodal integration to biomarkers and function<br>*Xinyi Zhang, AITHYRA Research Institute for Biomedical Artificial Intelligence, Austria* |
| 12:30 | 12:45 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| 12:45 | 13:00 | 10 + 5 Q&A mins | Short talk selected from abstracts<br>*Short talk speaker* |
| **13:00** | **13:10** | | **Closing Remarks** |
| | | 10 mins | ***Scientific Programme Committee:***<br>*Melina Claussnitzer, Broad Institute, USA*<br>*Craig Glastonbury, Human Technopole, Italy*<br>*Jonathan Pritchard, Stanford University, USA*<br>*Gosia Trynka, Wellcome Sanger Institute/Open Targets, UK* |
| 13:10 | 14:00 | | Lunch and departures |
| 14:00 | | | Coach departures for Stansted and Heathrow airports |
| 14:10 | | | Coach departures for Cambridge train station and city centre |