

Celebrating the 100,000 Genomes Project – a review and look ahead UPDATED PROGRAMME

Organised by Genomics England, NHS England and the Royal Society

Date: 20 March 2019

Timings: 9.00 – 5.15pm

Venue: The Royal Society, 6-9 Carlton House Terrace, London SW1Y 5AG

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| 09.00 | Registration, tea and coffee | |
| 09.30 | Welcome from the Royal Society | Sir John Skehel FMedSci FRS |
| 09.35 | Why the UK funded the 100,000 Genomes Project | Professor Dame Sally Davies DBE FMedSci FRS, Chief Medical Officer for England and Chief Medical Advisor to the UK Government |
| 09.45 | A team challenge – the beginning of the 100,000 Genomes Project | Sir John Chisholm, Former Executive Chair, Genomics England |
| 10.00 | Genomics and the UK | The Rt Hon Matt Hancock MP, Secretary of State for Health and Social Care |
| 10.20 | Coffee break | |
| 10.50 | Transforming healthcare Audience Q&A | Professor Dame Sue Hill DBE, Chief Scientific Officer, NHS England and Professor Mark Caulfield FMedSci, Interim CEO, Genomics England |
| 11.40 | What we have learned so far from the 100,000 Genomes Project? 1. Focus on rare diseases 2. Focus on cancer | 1. Guillermo del Angel, Senior Director, Data Science, Genomics and Bioinformatics, Alexion Pharmaceuticals 2. Professor Adrienne Flanagan, Royal National Orthopaedic Hospital |
| 12.20 | Lunch Break and Networking | |
| 13.20 | Technical and social challenges faced by the 100,000 Genomes Project 1. Bioinformatics and analytics 2. Generation Genome, ethics, trust and participants | 1. Dr Augusto Rendon, Head of Bioinformatics, Genomics England 2. Professor Anneke Lucassen, University of Southampton and Professor Mike Parker, Director of the Wellcome Centre for Ethics, University of Oxford Discussant: Fiona Maleady Crowe, Head of Ethics at Genomics England |
| 14.20 | The international perspective | Chair: Joanne Hackett, Chief Commercial Officer, Genomics England • Professor David Goldstein, Chief Science Advisor, AstraZeneca Center for Genomics Research |

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| | | <ul style="list-style-type: none"> • Dr Said Ismail, Director, Qatar Genome Programme • Jean-François Deleuze, Director, Centre National de Génotypage (CNG-IG-CEA) |
| 15.20 | Coffee Break | |
| 15.45 | In conversation with | <p>Chair: Vivienne Parry OBE</p> <p>Participants in the 100,000 Genomes project:</p> <ul style="list-style-type: none"> • Jillian Hastings Ward • Marie Pritchard • Peter Hopper |
| 16.05 | <p>What could genomics deliver by 2030?</p> <ol style="list-style-type: none"> 1. The UK vision for 5 million Genomic Tests 2. Innovative genomic technologies | <ol style="list-style-type: none"> 1. Professor Mark Caulfield FMedSci, Interim CEO, Genomics England 2. Dr Julia Wilson, Assistant Director, Wellcome Sanger Institute |
| 16.45 | Wrap up and look to the future | <p>Professor Dame Sally Davies DBE FMedSci FRS, Chief Medical Officer for England and Chief Medical Advisor to the UK Government</p> |
| 17.15 | Drinks and networking, with posters from early career researchers | |
| 19.00 | CLOSE | |