

The Human Genome in Healthcare

23 – 24 November 2017, The Royal Society, London

This meeting is a joint event between the Genetics Society and the British Society for Genetic Medicine.

Recent technological advances provide the ability to directly access variation within an individual's genome providing vast potential for personalising and improving healthcare. The 'Human Genome in Healthcare' meeting aims explore the science that underpins current and potential future applications of the human genome to inform diagnostics, prognostics and personalisation of therapies.

We have an outstanding line up of speakers from around the world who will provide insight into the approaches through which an individual's genome can be harnessed to improve healthcare.

Sessions will focus on advances in approaches to interpret an individual's genome in the context of rare disease, common complex disease and cancer alongside approaches aiming to provide more effective personalised therapies.

The meeting will explore how the impact of variation within an individual's genome is leveraged from a population scale genotypic and phenotypic standpoint and how individuals are increasingly taking control of their own genomic information to inform health and lifestyle decisions.

Speakers

Kaitlin Samocha Harvard Medical School/Broad Institute, USA

Don Conrad Washington University School of Medicine, USA

Joe Marsh University of Edinburgh, UK

Dennis Lo Chinese University of Hong Kong, Hong Kong

Serena Nik-Zainal Sanger Institute, UK

Magnus Ingelman-Sundberg Karolinska Institute, Sweden

Jakub Tolar University of Minnesota, USA

Joe Pickrell New York Genome Centre, USA

Andrew Wood University of Edinburgh, UK

Richard Trembath Kings College London, UK

Anna Middleton Wellcome Trust Sanger Institute, UK

Chengzu Long NYU Langone Health, USA

Frank Dudbridge, University of Leicester, UK

Scientific Organisers

Michael Simpson King's College London and Genomics plc

Jim Huggett LGC & University of Surrey

Emma Woodward Central Manchester University Hospitals NHS Foundation Trust (British Society for Genetic Medicine)



for registration please visit www.genetics.org.uk