

Genomics in Drug Discovery and Development

Thursday 23rd March 2023

10.00 - 10.15 Welcome and plan for the day

Helen Stevens – Principal Scientist, Centre for Genomics Research, AstraZeneca

10.15 - 10.45 Genomics sample collections - ethics and consent

Helen Stevens – Principal Scientist, Centre for Genomics Research, AstraZeneca

10.45 - 11.15 Towards two million genomes – overcoming challenges of data volume

Stewart MacArthur – Director of Clinical OMICS Data Operations, AstraZeneca

11.15 - 11.45 Breakout session 1

11.45 – 12:00 Break

12.00 - 12.30 Precision medicine in the clinic

Carolina Haefliger – Head of Translational Medicine, Debiopharm

12.30 – 13:00 Breakout session 2

13.00 - 13.40 Lunch

13.40 - 14.10 How genetic information is transforming drug discovery

Richard Turner – Director, Pharmacogenomics and Clinical Studies, GlaxoSmithKline

14.10 - 14.40 UK Biobank sequencing data informs target identification

Jonathan Mitchell – Genome Analyst, Centre for Genomics Research, AstraZeneca

14.40 - 15.10 Breakout session 3

15.10 - 15.25 Break

15.25 - 15.55 The Industry Pharmacogenomics Working Group (I-PWG) - Overcoming challenges in pharmacogenomics together

Carolina Haefliger – Head of Translational Medicine, Debiopharm

15.55 - 16.25 Breakout session 4

16.25 - 16.30 Summary and revisit Learning Outcomes

Helen Stevens – Principal Scientist, Centre for Genomics Research, AstraZeneca