

Genomics in Drug Discovery and Development

Thursday 23rd March 2023

10.00 - 10.15 **Welcome and plan for the day**

Carolina Haefliger – Head of Translational Medicine, Debiopharm

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**

Sebastian Wasilewski – Senior Director of Genome Informatics, AstraZeneca

11.15 - 11.45 **How genetic information is transforming drug discovery**

Charles Cox – Head of Pharmacogenetics, GlaxoSmithKline

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 1**

13.00 - 13.40 **Lunch**

13.40 - 14.10 **Breakout session 2**

14.10 - 14.40 **UK Biobank sequencing data informs target identification**

Keren Carss – Director of Genome Analytics, 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**

Julian Arbuckle – Director of the Industry Pharmacogenomics Working Group (I-PWG)

15.55 - 16.25 **Breakout session 4**

16.25 - 16.30 **Summary and revisit Learning Outcomes**

Carolina Haefliger – Head of Translational Medicine, Debiopharm