

Morning session

09:00 - 09:30 **Registration and refreshments**

09:30 - 09:40 **Welcome**

Professor Sir Michael Rawlins, Chairman, UK Biobank Board

09:40 - 10:05 **A review of the year**

Professor Sir Rory Collins, UK Biobank Principal Investigator and BHF Professor of Epidemiology & Medicine, Oxford University; Associate Professor Naomi Allen, UK Biobank Senior Epidemiologist

10:05 - 10:20 **Ethics and Governance Council (EGC) report**

The Rt Hon the Baroness Hayman GBE, Chair of the UK Biobank Ethics and Governance Council

10:20 - 10:35 **Questions**

10:35 - 11:00 **Participants' Panel**

Chair: Mr Jon Snow, Channel 4 News

11:00 - 11:30 Tea and coffee break - Exhibition stands and the Access helpdesk

11:30 - 12:20 **The role of genetics in strengthening the UK Biobank resource for health research**

Session chair: Andrew Hattersley, Professor of Human Genetics, Exeter University and UK Biobank Board Member

- **The importance of genetic research in improving health**
Professor Andrew Hattersley
- **Preparation and provision of genetic information on 500,000 UK Biobank participants to approved researchers worldwide**
Jonathan Marchini, Professor of Statistical Genomics, University of Oxford
- **Additional genetic data to improve drug development**
Jeffrey Reid, Head of Genome Informatics, Regeneron, USA
- **Using genome sequence data to discover medicines**
John Whittaker, GSK & Honorary Professor of Genetic Epidemiology & Statistics, London School of Hygiene and Tropical Medicine

12:20 - 13:00 **Panel discussion and questions**

To also include Ms Samantha Welsh, Senior Project Manager, UK Biobank

13:00 - 14:00 Lunch

Get connected

Connect to the WI-FI: WiFiLoveMCR Password: internet

Download our mobile app to connect with fellow attendees
http://whova.io/portal/bam_201706

Log into the app with the email you registered for the event with or use invitation code bambi

View the UK Biobank Data Showcase: <http://biobank.ctsu.ox.ac.uk/crystal/>



Afternoon session

14:00 - 14:20 UK Biobank - establishing a powerful resource to enable global health research
Sir Alan Langlands, Vice Chancellor, University of Leeds and former Chairman of the UK Biobank Board

14:20 - 15:00 The benefits and challenges of following health over many years via existing medical records, including data from GPs

Session chair: John Danesh, BHF Professor of Epidemiology & Medicine, Cambridge University

- **Providing accurate health outcome data to researchers**
Cathie Sudlow, Professor of Neurology & Clinical Epidemiology, University of Edinburgh and UK Biobank Chief Scientist
- **The importance of medical records and what they can tell us**
Liam Smeeth, Professor of Clinical Epidemiology, London School of Hygiene and Tropical Medicine
- **Using hospital data to study bone health and heart disease**
Dr Benjamin Cairns, Senior Statistical Epidemiologist, Oxford University
- **The importance of good quality cancer data**
Mr James Thomas, Cancer Analysis and Data Linkage Programme Manager, Office for Data Release, Public Health England.

15:00 - 15:30 Panel discussion and questions

To also include Dr Chris Bates, Director of Research and Analytics, TPP and Mr David Walker, member of the UK Biobank Ethics and Governance Council

15:30 - 16:30 An unparalleled research opportunity - imaging 100,000 UK Biobank participants

Session Chair: Paul Matthews, Edmond & Lily Safra Professor & Head of Brain Sciences, Imperial College London

- **Imaging of the brain - a major investment into diseases of the brain**
Professor Paul Matthews
- **Imaging of the heart - exploiting new opportunities**
Steffen Petersen, Professor of Cardiovascular Medicine, Queen Mary University, London
- **Abdominal images - unlocking the secrets of fat distribution**
Jimmy Bell, Professor, University of Westminster, and Olof Dahlqvist Leinhard, Founder and Chief Technology Officer, AMRA, Sweden
- **New insights into bone diseases**
Nick Harvey, Professor of Rheumatology & Clinical Epidemiology, MRC Lifecourse Epidemiology Unit, University of Southampton
- **Learning more about common heart rhythm disturbance**
Ms Judy Lenane, Executive Vice President, Operations & Chief Clinical Officer, iRhythm, USA

16:30 - 17:00 Panel discussion and questions

To also include Professor Cathie Sudlow, and Barbara Casadei, BHF Professor of Cardiovascular Medicine, Oxford University

17:00 - 17:10 Closing remarks followed by tea and cake