UK BIOBANK WINTER SCIENTIFIC CONFERENCE 2022
Transforming Future Health

Multi-omics | Dementia | Health outcomes

Thursday 8th December 2022
London QEII Conference Centre

www.ukbiobank.ac.uk
MORNING SESSION

Multi-omics in UK Biobank

11:00 - 11:30 Registration and refreshments on arrival

11:30 - 11:35 Professor Lord Ajay Kakkar, UK Biobank Chairman: Introduction and welcome

11:35 - 11:40 Professor Valerie O’Donnell, Cardiff University: Session Chair

11:40 - 11:50 Dr Chris Whelan, Janssen: The story so far – the UK Biobank Pharma Proteomics Project

11:50 - 12:00 Heli Julkunen, Senior Data Scientist, Nightingale Health: The value of metabolomics data in UK Biobank

12:00 - 12:10 Dr Charlotte Warren-Gash, LSHTM: Measuring infectious markers in UK Biobank and its potential value

12:10 - 12:20 Professor Wolf Reik, Altos: Epigenetic assay strategies

12:20 - 12:50 Professor Caroline Relton, Bristol University: panel member

12:20 - 12:50 Panel Discussion

12:50 - 1:50 Lunch - ECR poster presentations and UK Biobank Research Analysis Platform ask the experts!

#UKBSC22
AFTERNOON SESSION

How UK Biobank is enabling dementia research

1:50 - 1:55 Professor Julie Williams, UK DRI: Session Chair

1:55 - 2:05 Professor Paul Matthews, Imperial College London: Added value of repeat imaging and assays

2:05 - 2:15 Professor David Llewellyn, Exeter University: Multi-morbidity and dementia risk

2:15 - 2:25 Professor James Rowe, University of Cambridge: Prediagnostic supranuclear palsy

2:25 - 2:35 Professor Valentina Escott-Price, Cardiff University: The use of genetic risk scores to stratify populations for dementia risk

2:35 - 3:05 Panel discussion

3:05 - 3:30 Tea break ECR poster presentations and UK Biobank Research Analysis Platform ask the experts!

Enhanced health outcomes data in UK Biobank

3:30 - 3:35 Professor John Danesh, Cambridge University: Session chair

3:35 - 3:45 Professor Naomi Allen, UK Biobank: UK Biobank's strategy for phenotyping health outcomes

3:45 - 3:55 Professor Josh Denny, NIH: Use of automated approaches for outcome phenotyping using existing linkages

3:55 - 4:05 Kezia Gaitskell, University of Oxford: Value of digital histopathology slides for phenotyping cancer outcomes

4:05 - 4:15 Anthony Khawaja, University College London: Value of linking to ophthalmic healthcare records

4:15 - 4:45 Dr Michael Chapman, HDRUK: Panel discussion member

4:15 - 4:45 Panel Discussion

4:45 - 4:55 Professor Sir Rory Collins, UK Biobank: Getting the most out of UK Biobank

4:55 - 5:00 Professor John Iredale, MRC: Closing remarks

5:00 - 6:00 Drinks reception