

2023 UK BIOBANK SCIENTIFIC CONFERENCE

INNOVATION FOR TOMORROW'S HEALTH



13TH DECEMBER 2023

QEII CENTRE LONDON



www.ukbiobank.ac.uk



[uk_biobank](https://twitter.com/uk_biobank)



[#UKBSC23](https://twitter.com/UKBSC23)

MORNING SESSION

Welcome

10.30 - 11.00 **Registration and refreshments on arrival**

11.00 - 11.05 **Professor Patrick Chinnery**, Executive Chair, MRC: Welcome

11.05 - 11.20 **Professor Sir Rory Collins**, UK Biobank: Past, present and future plans

Facilitating dementia research

11.20 - 11.25 **Professor Sir Rory Collins**, UK Biobank: Session introduction

11.25 - 11.35 **Professor Nadeem Sarwar**, Dame Barbara Windsor Dementia Mission: Opportunities and value of the Dame Windsor Dementia Mission

11.35 - 11.45 **Professor Naomi Allen**, UK Biobank: Identifying dementia and cognitive decline

11.45 - 11.55 **Professor Siddharthan Chandran**, UK DRI: Developing diagnostic markers for dementia

11.55 - 12.05 **Professor Paul Matthews**, UK DRI: Enhanced characterisation of dementia cases

12.05 - 12.30 **Panel Discussion**, Dr Vanessa Raymont, Oxford University: additional panel member

12.30 - 13.30 **Lunch, poster presentations and and UK Biobank Research Analysis Platform - ask the experts!**

Early Career Researcher of the Year Award

13.30 - 13.35 **Professor Ben Lacey**, UK Biobank: Early Career Researcher of The Year Award winner announcement

13.35 - 13.45 **Presentation from the winner of the UK Biobank Early Career Researcher Award**

AFTERNOON SESSION

Linkage to health care data

- 13.45 - 13:50 **Sir Ian Gilmore**, Liverpool University: Session introduction
- 13:50 - 14:00 **Dr Thomas Littlejohns**, University of Oxford: Value of UK Biobank primary care data
- 14.00 - 14.10 **Dr Prabhu Arumugam**, Genomics England: The value of tumour sequencing data for research
- 14.10 - 14.20 **Professor Reecha Sofat**, Liverpool University, HDRUK: Value of prescription data
- 14.20 - 14.30 **Professor Daphne Koller**, Insitro: The use of histopathology data to power discovery
- 14.30 - 14.55 **Panel discussion**, Professor Nicola Perrin, AMRC and Dame Clare Gerada, Immediate Past President RCGP. GP South London : additional panel members
- 14.55 - 15.25 **Tea break, poster presentations and UK Biobank Research Analysis Platform - ask the experts!**

Extending genomics

- 15.25 - 15.30 **Professor Matthew Loose**, Nottingham University: Session introduction
- 15.30 - 15.40 **Dr Robert Scott**, GSK: Preliminary analyses of WGS data on 0.5M participants'
- 15.40 - 15.50 **Dr Melissa Miller**, Pfizer: Unique insights through enhanced proteomics and whole genomes
- 15.50 - 16.00 **Professor Jonathan Mill**, Exeter University: Importance of measuring DNA methylation in UK Biobank
- 16.00 - 16.10 **Dr Lucy Burkitt-Gray**, UK Biobank: Accelerating your research through the UK Biobank Research Analysis Platform
- 16.10- 16.35 **Panel Discussion**, Dr Keren Carss, AstraZeneca, additional panel member
- 16.35 - 16.45 **Professor Lord Ajay Kakkar KBE**: Summary and closing remarks
- 16.45- 18.00 **Drinks reception**

NOTES

