Longitudinal Studies
20-22 April 2020

Wellcome Genome Campus,
Hinxton, Cambridge, UK

Draft Conference Programme

Monday, 20 April 2020

12:00-13:00 Registration with lunch

13:00-13:10 Welcome and introduction
Programme Committee

13:10-14:10 Keynote lecture

Looking to the future of early detection research: the Accelerating Detection of Disease cohort
Fiona Reddington
Early Disease Detection Research Project, UK

14:10-15:40 Session 1: Contemporary approaches to longitudinal population studies

14:10 Genes & Health: knockouts, monogenic and polygenic risk in British South Asians
David van Heel
Queen Mary University of London, UK

14:40 Naomi Allen
UK Biobank, UK

15:10 Short talk selected from abstracts

15:25 Short talk selected from abstracts

15:40-16:15 Afternoon tea

16:15-17:45 Session 2: Apparent peak health
16:15  Dorret Boomsma  
*Amsterdam University, The Netherlands*

16:45  Longitudinal studies of cardiovascular health – challenges and opportunities  
*Alun Hughes*  
*University College London, UK*

17:15  Short talk selected from abstracts

17:30  Short talk selected from abstracts

17:45-18:15  **Lightning talks**

18:15-19:45  **Poster session 1 (odd numbers) with drinks reception**

19:45  **Buffet dinner**

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**Tuesday, 21 April 2020**

09:00-10:30  **Session 3: Differences across the sexes**

09:00  Gender, sex and health – longitudinal studies among adolescents and older adults  
*Susan Picavet*  
*National Institute for Public Health and the Environment, The Netherlands*

09:30  Sex differences and sex-specific analyses: biological differences  
*Ken Ong*  
*University of Cambridge, UK*

10:00  Short talk selected from abstracts

10:15  Short talk selected from abstracts

10:30-11:00  **Morning coffee**
11:00-12:30  **Session 4: Molecular markers and prediction**

11:00  Identification of molecular markers of ageing and mortality using metabolomics  
*Joris Deelen*  
*Max Planck Institute for Biology of Ageing, Germany*

11:30  *Michael Inouye*  
*University of Cambridge, UK*

12:00  Short talk selected from abstracts

12:15  Short talk selected from abstracts

12:30-14:00  **Lunch**

14:00-15:30  **Session 5: Translational**

14:00  Longitudinal data for gender, education and health  
*Camilla Stoltenberg*  
*Norwegian Institute of Public Health, Norway*

14:30  COMETS; a global initiative to harmonize; meta-analyse and interpret metabolomics data from over 50 cohorts  
*Rachel Kelly*  
*Harvard Medical School, USA*

15:00  Short talk selected from abstracts

15:15  Short talk selected from abstracts

15:30-16:00  **Afternoon tea**

16:00-17:30  **Session 6: Frailty**

16:00  Frailty in longitudinal studies  
*Roman Romero-Ortuno*  
*Trinity College Dublin, Ireland*

16:30  Using omics technologies to develop biomarkers of frailty  
*Nicholas Rattray*  
*University of Strathclyde, UK*

17:00  Short talk selected from abstracts

17:15  Short talk selected from abstracts

17:30-18:00  **Lightning talks**
18:00-19:30  Poster session 2 (even numbers) with drinks reception
19:30  Conference dinner

**Wednesday, 22 April 2020**

09:00-10:30  **Session 7: Longitudinal studies in LMIC**

09:00  Jinook Lee  
*University of Southern California, USA*

09:30  Short talk selected from abstracts

09:45  Short talk selected from abstracts

10:00  Xinxin Chen  
*University of Peking, China*

10:30-11:00  **Morning coffee**

11:00-12:00  **Keynote lecture**

*Mia Crampin*  
*Malawi Epidemiology and Intervention Research Unit, Malawi*

12:00-12:15  **Closing remarks**  
*Programme Committee*

12:15-13:30  **Lunch**

13:30  **Coach to Heathrow airport via Stansted airport departs**

13:45  **Coach to Cambridge departs**