

**Genomics of Brain Disorders
25-27 April 2016****Wellcome Genome Campus, Hinxton, Cambridge, UK****Draft Conference Programme**

Monday, 25 April

12:30-14:00	Registration & lunch
14:00-14:10	Welcome and Introductions <i>Programme Committee</i>
14:10-15:00	Keynote Lecture 1: Success in genetics creates significant challenges for neurobiology <i>Steve Hyman</i> <i>Broad Institute, USA</i>
15:00-16:00	Session 1: Psychiatric Disorders 15:00 Unraveling schizophrenia with genetics and genomics <i>Pamela Sklar</i> <i>Mount Sinai School of Medicine, USA</i> 15:30 iPSYCH-epidemiology meets genetics <i>Preben Bo Mortensen</i> <i>Aarhus University, Denmark</i>
16:00-16:30	Afternoon Tea
16:30-17:45	Session 1: Psychiatric Disorders continued: 16:30 Talk title TBC <i>Speaker TBC</i> 17:00 Submitted Abstract 17:15 Submitted Abstract 17:30 Submitted Abstract
17:45-19:15	Poster Session I (odd numbers) with Drinks Reception
19:15	Dinner

Tuesday, 26 April

09:00-10:30

Session 2: Dementias

09:00 Genetic architecture of Alzheimer's disease: a comparison with other neurodegenerative disorders
Alison Goate
Mount Sinai School of Medicine, USA

09:30 Genetic studies of Alzheimer's disease and related disorders in the general population
Cornelia van Duijn
Erasmus MC, The Netherlands

10:00 Submitted Abstract

10:15 Submitted Abstract

10:30-11:00

Morning Coffee

11:00-12:30

Session 3: Connecting genetics to biology

11:00 Mining neuroimage data in the Human Connectome Project
Thom Nichols
University of Warwick, UK

11:30 Brain and genes – can we solve the puzzle using in vivo MRI?
Bogdan Draganski
University of Lausanne, Switzerland

12:00 Submitted Abstract

12:15 Submitted Abstract

12:30-14:00

Lunch

14:00-15:30

Session 4: Systems biology

14:00 Integrative genomics in neuropsychiatric disease
Dan Geschwind
University of California, USA

14:30 Using transcriptomics to improve the understanding of neurodegenerative disorders
Mina Ryten
University College London, UK

15:00 Submitted Abstract

15:15 Submitted Abstract

15:30-16:00

Afternoon Tea

16:00-17:30

Session 5: Modelling disease

16:00 Protein-protein interaction screens suggest that multiple genes identified by GWAS for Parkinson's disease are in similar pathways
Mark Cookson
National Institute of Health, USA

16:30 *The impact of synapse mutations*
Seth Grant
University of Edinburgh, UK

17:00 Submitted Abstract

17:15 Submitted Abstract

17:30-19:00

Poster Session II (even numbers) with drinks reception

19:00

Conference Dinner

Wednesday, 27 April

09:00-10:30

Session 6: Predicting risk

09:00 Prospects for accurate risk prediction of common disorders of the brain
Naomi Wray
The University of Queensland, Australia

09:30 Prevention trials in neurodegeneration: predicting risk and optimising trial design
Nick Fox
University of California

10:00 Submitted Abstract

10.15 Submitted Abstract.

10:30-11:00

Morning Coffee

11:00-12:45

Session 7: title TBC

11:00 Talk title TBC
Speaker TBC

11:30 Building up Foundational Stem Cell Resources for the Study of Psychiatric Disease



ADVANCED COURSES AND
SCIENTIFIC CONFERENCES

Kevin Eggan
Harvard University, USA

12:00 Submitted Abstract

12:15 Submitted Abstract

12.30 Closing remarks

12.45 -13:30

Lunch & depart