

Start (BST)	Finish (BST)	Presenter details
Monday 22 January 2024		
12:00	13:00	Registration Registration with buffet lunch
13:00	13:30	Welcome and introduction <i>Jane Murphy, Scientific Programme Developer, Wellcome Connecting Science, UK</i> Scientific Programme Committee: Nancy Bonini, University of Pennsylvania, USA Karen Duff, UK DRI at UCL, UK Rita Sattler, Barrow Neurological Institute, USA Patrik Vertreken, VIB-KU Leuven Center for Brain & Disease Research, Belgium
13:30	14:30	Keynote <i>Chair: Rita Sattler, Barrow Neurological Institute, USA</i>
13:30	14:30	Microglia and the amyloid cascade Christian Haass, DZNE, Germany
14:30	15:00	Networking and Refreshment Break
15:00	17:30	Session 1: Genetics and genomics approaches for understanding neurodegenerative disease <i>Chair: Christian Haass, DZNE, Germany</i>
15:00	16:00	Genetic approaches to increase our understanding and identify possible treatment options for neurodegenerative diseases Rosa Rademakers, VIB-UA Antwerp, Belgium
16:00	16:15	Comfort break
16:15	17:00	Identifying conserved and disease-specific signatures of neurodegenerative disease with single-cell methods Vilas Menon, Columbia University, USA
17:00	17:30	Session 1: Panel Session - interactive discussion
17:30	17:35	Reflection time
17:35	18:35	Poster Session with cash bar
18:35		Dinner (bar open, card payments only)

Tuesday 23 January 2024

09:30 12:30 Session 2: Huntington's disease mechanisms

Chair: Alexandra Durr, Pitie-Sapletriere University Hospital, France

09:30 10:30 Insights into the Molecular Basis of Huntington's Disease
[Gillian Bates, UK DRI at UCL, UK](#)

10:30 11:00 Refreshment Break

11:00 12:00 Targeting aberrant DNA mismatch repair to treat Huntington's disease
[Caroline Benn, LoQus23 Therapeutics Ltd, UK](#)

12:00 12:30 Session 2: Panel Session - interactive discussion

12:30 14:00 Lunch

14:00 16:45 Session 3: Clinical and pathological aspects

Chair: Rosa Rademakers, VIB-UA Antwerp, Belgium

14:00 15:00 Spinocerebellar ataxias : genetic and clinical heterogeneity
[Alexandra Durr, Pitie-Sapletriere University Hospital, France](#)

15:00 15:30 Refreshment Break

15:30 16:15 Spatial Biology of Atypical Alzheimer's Disease: Neuroimaging to Neuropathology
[Melissa Murray, Mayo Clinic, USA](#)

16:15 16:45 Session 3: Panel Session - interactive discussion

16:45 16:50 Reflection time

16:50 17:50 Poster Session with cash bar

17:50 Dinner (bar open, card payments only)

19:00 Games night

Wednesday 24 January 2024

09:30 12:30 Session 4: Parkinson's disease mechanisms

Chair: Selina Wray, University College London, UK

09:30 10:30 The many faces of Parkinson's disease
[Patrik Verstreken, VIB-KU Leuven Center for Brain & Disease Research, Belgium](#)

10:30 11:00 Refreshment Break

11:00 11:45 The Opportunities and Challenges of Developing Novel Therapeutics for Parkinson's Disease
[Warren Hirst, Biogen, USA](#)

11:45 12:15 Session 4: Panel Session - interactive discussion

12:15 13:45 Lunch & informal discussion - Academia v Industry
Caroline Benn, Warren Hirst

13:45 16:45 Session 5: ALS/FTD

Chair: Frances Edwards, University College London, UK

13:45 14:45 Mechanisms of neurodegeneration in ALS/FTD
[Rita Sattler, Barrow Neurological Institute, USA](#)

14:45 15:15 Refreshment Break

15:15 16:15 TDP-43: A game changer for ALS
[Nancy Bonini, University of Pennsylvania, USA](#)

16:15 16:45 Session 5: Panel Session - interactive discussion

16:45 16:50 Reflection time

16:50 18:00 Free Time

18:00 Dinner (bar open, card payments only)

Thursday 25 January 2024

09:30 12:30 Session 6: Dementia 1: Amyloids

Chair: Pamela Shaw, University of Sheffield, UK

09:30 10:30 Alzheimer's disease: Enhancing animal models to understand disease progression
[Frances Edwards, University College London, UK](#)

10:30 11:00 Refreshment Break

11:00 12:00 Therapeutic approaches for Alzheimer's disease
[Lorenza Magno, University College London, UK](#)

12:00 12:30 Session 6: Panel Session - interactive discussion

12:30 13:30 Lunch

13:30 16:00 Session 7: Human cellular models

Chair: Benjamin Ryskeldi-Falcon, MRC Laboratory of Molecular Biology, UK

13:30 14:30 Using stem cells to model neurological disease
[Selina Wray, University College London, UK](#)

14:30 14:45 Comfort Break

14:45 15:30 Model human brain development and disorders using brain organoids
[Hongjun Song, University of Pennsylvania, USA](#)

15:30 16:00 Session 7: Panel Session - interactive discussion

16:00 16:30 Networking / Refreshment Break

16:30 19:00 Session 8: Translational and therapeutic approaches

Chair: Nancy Bonini, University of Pennsylvania, USA

16:30 17:30 Amyotrophic lateral sclerosis: a neurodegenerative disorder poised for successful therapeutic translation
[Pamela Shaw, University of Sheffield, UK](#)

17:30 17:45 Comfort Break

17:45 18:30 Antisense medicines for neurological diseases
[Frank Bennett, Ionis, USA](#)

18:30 19:00 Session 8: Panel Session - interactive discussion

19:00 19:05 Reflection time

19:05 19:50 Networking / Drinks Reception

19:50 Dinner (bar open card payments only)

Friday 26 January 2024

09:30 12:45 Session 9: Dementia 2: Tau

Chair: Patrik Verstreken, VIB-KU Leuven Center for Brain & Disease Research, Belgium

09:30 10:30 Tauopathy in AD and FTD

[Karen Duff, UK DRI at UCL, UK](#)

10:30 11:00 Refreshment Break

11:00 11:45 The structural basis of protein aggregation in neurodegenerative disease

[Benjamin Ryskeldi-Falcon, MRC Laboratory of Molecular Biology, UK](#)

11:45 12:15 Session 9: Panel Session - interactive discussion

12:15 12:45 Quiz

12:45 13:15 Closing Remarks

[Nancy Bonini, University of Pennsylvania, USA](#)

[Karen Duff, UK DRI at UCL, UK](#)

[Rita Sattler, Barrow Neurological Institute, USA](#)

[Patrik Verstreken, VIB-KU Leuven Center for Brain & Disease Research, Belgium](#)

13:15 Grab bag lunch

13:30 Coach departs to Cambridge train station and City centre