

SESSION ONE

08:55 Opening and Welcome
Chair: **Ewan St John Smith**



09:00 Predictive neural computations in
(mis)understanding speech
Matt Davis
MRC Cognition & Brain Sciences Unit



09:25 Mechanisms of development and age-
dependent regeneration in the brain
Sumru Bayin
Physiology, Development & Neuroscience



09:50 Opening Plenary
Soyon Hong
University College London



10:30 Morning coffee and refreshments

Chair: **Ragnhildur Thóra Káradóttir**



11:00 Title
David Belin
Psychology



11:25 Neuronal plasticity at puberty in
hypothalamic neurons controlling fertility
Sue Jones
Physiology, Development & Neuroscience



11:50 Protein Phase-Separation at the Pre-
synapse - α -Synuclein in health & disease
Janin Lautenschlager
Clinical Neurosciences



12:15 Interpreting fruit fly connectomes
Yijie Yin
Zoology & MRC LMB



12:30 Early Career Data Blitz
Chair: **Dervila Glynn**



13:00 Lunch, posters and exhibition

SESSION TWO

SESSION THREE

Chair: **Tamsin Ford**

14:30 Brain Resilience: A New Lens for Early Neurodegeneration
Kamen Tsvetanov
Clinical Neurosciences

14:55 Title
Liliano Gallindo
Psychiatry

15:20 Title
Richard Bethlehem
Psychology

15:45 TBC
Emily Towner
Psychology

16:00 Afternoon tea and refreshments

Chair: **Alasdair Coles**

16:30 Learning and Modulating Pain: Neural Control from Cells to Brain Networks
Flavia Mancini
Engineering

16:55 Promoting remyelination in people living with multiple sclerosis
Nicholas Cunniffe
Clinical Neurosciences

17:20 Homo Cyberneticus: Motor Augmentation for the Future Body
Tamar Makin
MRC Cognition and Brain Sciences Unit

17:45 Closing Plenary - Hippocampus 2.0
Mayank Mehta
UCLA

18:25 Closing Remarks and prizes, followed by dinner



SESSION FOUR