

Welcomes	
9.30-10.15am	Alzheimer's Research UK welcome <i>Hilary Evans (Alzheimer's Research UK)</i>
	Scott Mitchell, Ambassador of Alzheimer's Research UK
	Programme committee welcome <i>Prof Wendy Noble (King's College London)</i>
	Tribute to Prof Stuart Pickering Brown <i>Prof Sir John Hardy (University College London)</i>
Session 1 - Links between psychiatric diseases and dementia Chair: Dr Ivan Koychev	
10.15-11am	Psychosis in cognitive ageing and Alzheimer's disease <i>Dr Byron Creese (University of Exeter)</i>
	Sleep disturbance in people living with dementia <i>Prof Gill Livingston (University College London)</i>
	Psychiatric symptoms in Alzheimer's disease are associated with polygenic risk scores of common psychiatric conditions <i>Ioanna Katzourou (Cardiff University)</i>
11-11.45am	Break
Session 2 - Neuron-glia interactions and neuroinflammation Chair: Dr Angela Bithell	
11.45am-12.45pm	Challenging "inflammaging" of the brain: glial paralysis, rather than reactivity defines brain ageing <i>Prof Alexej Verkhratsky (The University of Manchester)</i>
	Motility: the key function of microglia <i>Prof Delphine Boche (University of Southampton)</i>
	Preventing neurodegeneration by blocking microglial phagocytosis of neurons <i>Prof Guy Brown (University of Cambridge)</i>
	Altered synaptic ingestion by human microglia and astrocytes in Alzheimer's disease <i>Dr Makis Tzioras (The University of Edinburgh)</i>
Flash presentations Chair: Jessica Daly	
12.45-1.00pm	Disease-associated tau causes synaptic dysfunction coupled with HCN channelopathy <i>Dr Despoina Goniotaki (King's College London)</i>
	Investigate the Role of Pericytes in Dementia <i>Marlene Polleres (The University of Manchester)</i>
	RNA-Seq profiling of neutrophil-derived microvesicles in Alzheimer's disease patients identifies a miRNA signature which may impact blood-brain barrier integrity <i>Ryan Thang (The University of Sheffield)</i>
	HnRNP K loss from the nucleus leads to cryptic exon incorporation in frontotemporal lobar degeneration <i>Dr Ariana Gatt (University College London)</i>
	Targeting novel anti-complement drugs to the brain for therapy of dementia <i>Dr Wioleta Zelek (Cardiff University)</i>
1:00-2:30pm	Lunch, exhibitors and posters
Session 3 - Common mechanisms in neurodegenerative diseases Chair: Prof Tammarny Lashley	
2.30-3.30pm	Cryo-EM structures of amyloid filaments from human brain <i>Dr Sjors Scheres (University of Cambridge)</i>
	Mixed pathologies in the ageing brain <i>Prof Johannes Attems (Newcastle University)</i>
	Boosting protein quality control: A strategy against neurodegenerative diseases <i>Dr Anne Bertolotti (University of Cambridge)</i>
	Chronic Pharmacological Inhibition of Glymphatic Function Exacerbates Propagation of Tau Pathology in an Animal Model <i>Dr Ian Harrison (University College London)</i>
3.30-4pm	Break
4-4.15pm	Alzheimer's Research UK Research update <i>Dr Susan Kohlhaas (Alzheimer's Research UK)</i>
Session 4 - Prizes Chair: Dr Susan Kohlhaas	
4.15-5pm	David Hague Young Investigator of the Year Award <i>Dr Andras Lakatos (University of Cambridge)</i>
	Jean Corsan Prize <i>Dr Negin Holland (University of Cambridge)</i>
	Laura Pulford Prize
Flash presentations Chair: Dr Franziska Guenther	
5-5.15pm	Transcription-based drug repurposing in Alzheimer's disease psychosis <i>Dr Morteza Kouhsar (University of Exeter)</i>
	Examining the role of systemic inflammation in Alzheimer's Disease using in vivo models of tauopathy <i>Prof Jessica Teeling (University of Southampton)</i>
	Glial and neuronal modulation of A β toxicity, proteostasis, and healthy lifespan in Drosophila <i>Dr Nathan Woodling (University College London)</i>
	Towards resolving intracellular processing of Amyloid Precursor Protein with high spatiotemporal resolution <i>Karnika Gupta (University of Cambridge)</i>
	Identifying the role of microglia in the pathogenesis of age-associated deep-subcortical white matter lesions: A microarray analysis approach <i>Taghreed Almansouri (The University of Sheffield)</i>
5.15-7.00pm	Posters