

9:00		Arrival
9:30	Dr Derek Morris	Meeting opening
9:35	Dr Elaine Murray University of Ulster	Methylome profiling of young adults with depression supports link with immune response
10.25	Alexander Trotier CURAM	Piezo1 is upregulated in a micromotion of peri-electrode gliosis
10.30	Joan Fitzgerald Biochemistry/Psychology	Investigating the genetics of cognitive resilience in healthy ageing using the UK Biobank
10.35	Rachel Kelly Pharmacology	Development of a novel rat model of Parkinson's disease induced using AAV-mediated α -synuclein overexpression combined with FN075-mediated α -synuclein aggregation.
10.40	Laura Costello NICOG/Medicine	Childhood trauma does not explain altered brain network integration or segregation detected in schizophrenia
10.45	Coffee & Poster Judging	
11:15	Dr Siobhan O'Mahony UCC	The Microbiome-Gut-Brain Axis in Health and Disease
12.05	Alvaro Lorentz-Berzal Pharmacology	The expression of genes encoding proteins related to the endocannabinoid system in pain and emotion processing brain areas is altered in male rats treated with a single sub-noxious dose of the anti-cancer drug cisplatin
12.10	Daniel Coyle Medicine	The Use of Wearable Technologies in Monitoring Motor Disability in Multiple Sclerosis – A Real World Pilot Study
12.15	Laura Fahey Biochemistry/Psychology	Genes regulated by BCL11B during T-cell development are enriched for de novo mutations found in schizophrenia patients
12.20	Sarah Jarrin Pharmacology	Differential effects of optogenetic modulation of rat anterior cingulate cortical glutamatergic neurons on the aversive and sensory components of pain in male and female rats
12:25	Giulia Tronchin NICOG/Medicine	Progressive Subcortical Volume Loss in Treatment-Resistant Schizophrenia Patients After Commencing Clozapine Treatment
12:30	Edel Hughes Physiology	The kappa opioid receptor in mediating and modulating social motivation and cognition in the valproic acid model of social impairment
12:35	Enrico Bagnoli CURAM	The olfactory bulb and Parkinson's disease: from a prodromal model to biomarker investigations
12:40	Gerry Loughnane and Mary Nohilly	DBS in Parkinson's Disease – A Patient and Family Perspective
13:15	Lunch & Poster Judging	
14:30	Prof. Peter Ponsaerts University of Antwerp, Belgium	Study and modulation of microglia and macrophage immune responses during neuroinflammatory events: animal models versus iPSC-derived cell culture models
15.20	Dr Dara Cannon NUI Galway	Screening of "Mood Atlas" and Q&A
16:00	Dr Una Fitzgerald	Mulled wine reception, prize-giving and meeting closing

Poster Presentations

Number	Presenter	Title
Poster # 1	Adaobi Okolo	Change in ATF6 and CHOP expression in the brain, following ischemic stroke and reperfusion
Poster # 2	Amanda Keady	Characterisation of molecular changes in the olfactory bulb of the 6-hydroxydopamine rat model of Parkinson's disease
Poster # 3	Andrew Douglas	Histological characterization of 'white' clots in acute ischemic stroke
Poster # 4	Anna Hanlon	Examining the neural mechanisms of theory of mind using fMRI in individuals with Schizophrenia and health controls
Poster # 5	Aoife Thornton	Impaired social behaviour in valproic acid exposed rats following viral immune challenge is accompanied by reduced c-fos expression in the hypothalamus
Poster # 6	Duaa Jabra	Investigating the expression of different white blood cells subtypes in ischemic stroke thrombi and correlating it to the etiology
Poster # 7	Emma Corley	Examining microglial genetic variants influencing risk for Schizophrenia and cognition
Poster # 8	Fiona Martyn	Moderate alcohol use impacts connectivity of emotional and salience networks differently in bipolar disorder relative to controls
Poster # 9	Megan Cowman	Schizophrenia and decision-making capacity for treatment – a prospective cohort study
Poster # 10	Mehnaz Ferdousi	Differential effect of kappa opioid receptor modulation in the Wistar-Kyoto rat model of hyperalgesia associated with negative affective state
Poster # 11	Orlaith Mannion	Investigation of the effects of the peripherally restricted FAAH inhibitor URB937 in a rat model of post-operative pain following inguinal hernia repair surgery
Poster # 12	Patricia Calcagno	Characterisation of behaviour and hippocampal opioid receptor expression in a chronic inflammatory pain model in Wistar-Kyoto versus Sprague-Dawley rats
Poster # 13	Rachel Humphrey	Nociceptive responding in the valproic acid animal model of autism and associated changes in neuronal activation
Poster # 14	Rosanna Rossi	The impact of occlusion location and bridging therapy in patients affected by acute ischemic stroke in determining the total number of passes required to remove the clot and the final revascularization
Poster # 15	Sara Molina-Gil	Immunofluorescence detection of neutrophils in ischemic stroke clots