

CONFERENCE PROGRAMME

Wednesday 4th September 2024

Time	Session/Activity	Venue
8:30 - 9:00	Arrival Refreshments	Great Hall
9:00 - 9:45	Plenary Talk 4 - Fen-Biao Gao - Pathogenic Mechanisms of Frontotemporal Dementia and ALS: Insights from Drosophila and iPSC Models Chair: Richard Tuxworth	Bramall
9:45 - 10:30	Session 7 - Brain disease, injury, ageing Chairs: Richard Tuxworth and Lukas Neukomm 9:45 - 10:00 - Mirjam Adams - Unravelling the role of insulin signalling in a Drosophila model of Gaucher and Parkinson's diseases (O19) 10:00 - 10:15 - Haifa Alhadyian - Understanding neuronal vulnerability during ageing: the central roles of microtubules (O20) 10:15 - 10:30 - Marije Been - A forward genetic screen implicates the RAS/MAPK pathway attenuator Pebbled in motor neurodegeneration (O21)	Bramall
10:30 - 11:00	Refreshment Break	Great Hall
11:00 - 11:45	Session 8 - Brain disease, injury, ageing Chairs: Richard Tuxworth and Lukas Neukomm 11:00 - 11:15 - Christa Rhiner - Unravelling conserved repair circuits in the fly brain (O22) 11:15 - 11:30 - Federico Marcello Tenedini - Axon length-dependent synapse loss is mediated by inflammatory cytokine unpaired 3 via phagocytic glia recruitment (O23)	Bramall

	11:30 - 11:45 - Bente Winkler - Macrophage invasion into the Drosophila brain requires JAK/STAT dependent MMP activation in the blood-brain barrier (O24)	
11:45 - 12:30	<p>Session 9 - Brain disease, injury, ageing Chairs: Natalia Sanchez-Soriano and Lukas Neukomm</p> <p>11:45 - 12:00 - Abigail Wilson - Enhanced cholinergic tone restores motor circuit functionality in Drosophila and mouse models of paroxysmal dyskinesia (O25) 12:00 - 12:15 - Michael Galko - ILP4 and Inr differentially regulate Paclitaxel-induced nociceptive hypersensitivity in Drosophila larvae (O26) 12:15 - 12:30 - Teresa Niccoli - Xbp1 modulates neuronal vulnerability to C9orf72-linked repeat expansion toxicity (O27)</p>	Bramall
12:30 – 13:15	<p>Plenary Talk 5 - Hongyan Wang - Waking up "sleeping" neural stem cells Chair: Natalia Sanchez-Soriano</p>	Bramall
13:15 - 14:15	Lunch	Great Hall
14:15 - 22:30	Outing to Stratford-upon-Avon - Dinner not included	