

# CONFERENCE PROGRAMME

Tuesday 3rd September 2024

Time	Session/Activity	Venue
8:30 - 9:00	Arrival Refreshments	Great Hall
9:00 - 9:45	<b>Plenary Talk 2 - Florence Besse - Regulating RNA in the spatial dimension in the Drosophila brain</b> Chair: Matthias Soller	Bramall
9:45 - 10:30	<b>Session 2 - Developmental and cellular neuroscience</b> Chairs: Guy Tear and Vilaiwan Fernandes  9:45 - 10:00 - <b>Samuel Vernon</b> - Spontaneous neurotransmitter release is regulated by Unc-5 (O4) 10:00 - 10:15 - <b>Dario Lasser</b> - Molecular mechanisms controlling microtubule organization and abundance at the Drosophila neuromuscular junction (O5) 10:15 - 10:30 - <b>Lora Fahdan</b> - A systematic exploration of the intrinsic mechanisms controlling axon growth during development (O6)	Bramall
10:30 - 11:00	Refreshment Break	Great Hall
11:00 - 11:45	<b>Session 3 - Developmental and cellular neuroscience</b> Chairs: Yun Fan and Vilaiwan Fernandes  11:00 - 11:15 - <b>Johann Markovitsch</b> - Never too late to get it right: Dynamic adhesion between lineage-related neurons organizes Drosophila brain circuit asymmetry. (O7) 11:15 - 11:30 - <b>Elisabeth Kamper</b> - The role of thioredoxin peroxidase in the developing Drosophila CNS during oxidative stress (O8)	Bramall

	11:30 - 11:45 - <b>Suchet Nanda</b> - Kon-RTK crosstalk controls the development of axon wrapping glia in <i>Drosophila</i> (O9)	
11:45 - 12:30	<p><b>Session 4 - Brain Homeostasis &amp; Metabolism</b> Chairs: Yun Fan and Gaynor Smith</p> <p>11:45 - 12:00 - <b>Celia Barredo</b> - The conserved AstA/Ptth neuroendocrine axis is required for starvation resistance in adult <i>Drosophila</i> (O10) 12:00 - 12:15 - <b>Diana Knoblochova</b> - Ecdysteroid signaling in energy metabolism and obesity development in flies on high-calorie diets (O11) 12:15 - 12:30 - <b>Thomas Vaccari</b> - Hecw controls neuronal homeostasis by promoting the liquid state of ribonucleoprotein particles and autophagy (O12)</p>	Bramall
12:30 - 14:00	Lunch and Posters	Great Hall
13:00 - 14:00	<p><b>Early Career Workshop</b> Chairs: Carolina Rezaval and Natalia Sanchez Soriano</p> <p><b>Anissa Kempf</b> (Universität Basel) <b>Andrew Lin</b> (University of Sheffield) <b>Lisa Scheunemann</b> (Freie Universität Berlin)</p>	Bramall
14:00 - 14:45	<p><b>Plenary Talk 3 - Irene Miguel-Aliaga - Gut feelings</b> Chair: Yun Fan</p>	Bramall
14:45 - 15:30	<p><b>Session 5 - Brain Homeostasis &amp; Metabolism</b> Chairs: Matthias Landgraf and Gaynor Smith</p> <p>14:45 - 15:00 - <b>Pierre-Yves Plaçais</b> - Diverting glial glycolytic flux towards mushroom body neurons: a memory-fuelling role of CRH-like neuropeptide signalling (O13)</p>	Bramall

	<p>15:00 - 15:15 - <b>Joseph Bateman</b> - The neurological basis of mitochondrial stress signalling (O14)</p> <p>15:15 - 15:30 - <b>Jingyi Long</b> - A conserved epilepsy-associated gene co-expression module in Drosophila converges on increased AMPK signaling (O15)</p>	
15:30 - 16:00	Refreshment Break	Great Hall
16:00 - 16:15	<p><b>Talks by Sponsors</b></p> <p>16:00 - 16:05 - <b>Biologix Limited</b></p> <p>16:05 - 16:10 - <b>Qidong Fungene Biotechnology Co., Ltd</b></p> <p>16:10 - 16:13 - <b>Andor</b></p> <p>16:13 - 16:16 – <b>BFKLab</b></p>	Bramall
16:15 - 17:00	<p><b>Session 6 - Brain Homeostasis &amp; Metabolism</b></p> <p>Chairs: Thomas Riemensperger and Gaynor Smith</p> <p>16:15 - 16:30 - <b>Pierre-yves Musso</b> - Taste regulation of immunity (O16)</p> <p>16:30 - 16:45 - <b>Ellen McMullen</b> - Metabolic regulation of the central nervous system during infection (O17)</p> <p>16:45 - 17:00 - <b>Nina Surina</b> - A novel trehalose sensor to study carbohydrate transport kinetics in the nervous system (O18)</p>	Bramall
17:00 - 17:30	Business Meeting	Bramall
17:00 - 19:30	<p><b>Poster Session with Refreshments</b></p> <p><a href="#">Click here</a> to view today's posters</p>	Great Hall