

CONFERENCE PROGRAMME

Tuesday 3rd September 2024

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

	11:30 - 11:45 - Suchet Nanda - Kon-RTK crosstalk controls the development of axon wrapping glia in <i>Drosophila</i> (O9)	
11:45 - 12:30	<p>Session 4 - Brain Homeostasis & Metabolism Chairs: Yun Fan and Gaynor Smith</p> <p>11:45 - 12:00 - Celia Barredo - The conserved AstA/Ptth neuroendocrine axis is required for starvation resistance in adult <i>Drosophila</i> (O10) 12:00 - 12:15 - Diana Knoblochova - Ecdysteroid signaling in energy metabolism and obesity development in flies on high-calorie diets (O11) 12:15 - 12:30 - Thomas Vaccari - 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>Early Career Workshop Chairs: Carolina Rezaval and Natalia Sanchez Soriano</p> <p>Anissa Kempf (Universität Basel) Andrew Lin (University of Sheffield) Lisa Scheunemann (Freie Universität Berlin)</p>	Bramall
14:00 - 14:45	<p>Plenary Talk 3 - Irene Miguel-Aliaga - Gut feelings Chair: Yun Fan</p>	Bramall
14:45 - 15:30	<p>Session 5 - Brain Homeostasis & Metabolism Chairs: Matthias Landgraf and Gaynor Smith</p> <p>14:45 - 15:00 - Pierre-Yves Plaçais - 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 - Joseph Bateman - The neurological basis of mitochondrial stress signalling (O14)</p> <p>15:15 - 15:30 - Jingyi Long - 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>Talks by Sponsors</p> <p>Chairs: Thomas Riemensperger and Gaynor Smith</p> <p>16:00 - 16:05 - Biologix Limited</p> <p>16:05 - 16:10 - Qidong Fungene Biotechnology Co., Ltd</p> <p>16:10 - 16:13 - Andor</p> <p>16:13 - 16:16 – BFKLab</p>	Bramall
16:15 - 17:00	<p>Session 6 - Brain Homeostasis & Metabolism</p> <p>Chairs: Thomas Riemensperger and Gaynor Smith</p> <p>16:15 - 16:30 - Pierre-yves Musso - Taste regulation of immunity (O16)</p> <p>16:30 - 16:45 - Ellen McMullen - Metabolic regulation of the central nervous system during infection (O17)</p> <p>16:45 - 17:00 - Nina Surina - A novel trehalose sensor to study carbohydrate transport kinetics in the nervous system (O18)</p>	Bramall
17:00 - 17:30	<p>Business Meeting – All Welcome</p> <p>17:00 - 17:15 - Presentation and voting on future Neurofly Meetings</p> <p>17:15 - 17:30 – Presentation by European Drosophila Society</p>	Bramall

17:00 - 19:30	Poster Session with Refreshments Click here to view today's posters	Great Hall
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