

Thursday 5th September



Themes:

- Neural circuits & behaviour
- Plasticity and Remodelling

Number	First Name	Last Name	Paper Title
P239	Yulia	Akbergenova	Role of neuronal activity and BMP signaling in synapse formation at Drosophila larval neuromuscular junctions.
P120	Mehran	Akhtar	Lovit protein in photoreceptors regulates sleep and circadian rhythm in Drosophila
P126	Claudio R.	Alonso	The role of region-specific mechanosensory stimuli in postural control behaviour
P190	Nigel	Atkinson	NF-κB signaling at the synapse: Identification of protein pairing partners using TurboID and AlphaFold
P150	Isabella S.	Balles	Towards establishing a cocaine preference model in Drosophila melanogaster
P155	Leticia	Batista	Impact of Developmental Temperature on Neural Circuit Assembly and Behavior
P206	Jean-Paul	Berwick	Astrocyte-to-neuron H ₂ O ₂ Signaling in Memory to Alzheimer's Synaptopathy
P172	Devika	Bodas	Balancing Risk and Reward: Neural Basis of Action-selection in Flies
P189	Marina	Boon	Individual Drosophila show stable sensory processing "personalities": a platform to study inter-individual variability in Autism
P191	Tariq	Brown	Neural Dynamics Underlying the Formation and Retrieval of Alcohol Memories in Drosophila
P207	Agustina	Bruno-Vignolo	Unraveling the roles of the chloride channel ClC-a in Drosophila sleep neurons
P173	Edgar	Buhl	Decoding the fly's circadian membrane clock
P192	Laura	Burnett	Connectome-guided search for novel direction-selective cells in the Drosophila visual system.
P203	Jorge	Campusano	The transglutaminase enzyme contributes to brain development and function
P202	Martina	Canova	Neural Circuits Underpinning state-dependent odor-taste Integration
P234	Yannick	Carrier	Biased cell adhesion organizes the Drosophila visual motion integration circuit
P217	Ivy Chi Wai	Chan	Odor generalisation versus discrimination driven by a connectivity bias for different ethological groups of odors in the Drosophila Mushroom Body
P236	Keagan	Chronister	Octopamine induces rapid Unc13A activation for presynaptic potentiation
P121	Typhaine	Comyn	PKCδ is an activator of neuronal mitochondrial metabolism that mediates the spacing effect on memory consolidation
P139	Rob	Court	Virtual Fly Brain - Integrating Drosophila melanogaster nervous system Split-GAL4 driver lines with connectomic and transcriptomic data
P243	Tom	Cozens	Morphological adaptations to excess activity in single Drosophila Kenyon cells
P230	Anthony	Crown	Neural circuit control of steering movements in walking Drosophila
P152	Kevin	Cury	Recognition and Avoidance of Predators in Drosophila
P222	Ricardo	Custódio	Role of leg load feedback in fruit fly adaptive walking
P161	Shamik	DasGupta	Does the Fly Brain Do Geometry?
P177	Ilaria	D'atri	Memory systems in path integration
P210	Anthony	Defert	Sex, fights and fruit flies: mating strategy in hyperaggressive Drosophila melanogaster
P127	Fiona	Defty	A Brave New Virtual World - A Novel Virtual Reality Set-Up for the Study of Drosophila Behaviour
P124	Şevval	Demirci	State-Dependent Modulation of Positive and Negative Memories
P168	Jose	Duhart	Glycinergic modulation of circadian excitability in Drosophila clock neurons.
P238	Jean-Maurice	Dura	The two roles of Orion on glia function during mushroom body neuronal remodelling
P148	Erica	Ehrhardt	Anatomy of somatosensory neurons in the adult central nervous system at single-cell resolution
P140	Anatoli	Ender	Pacemaker currents of R5 neurons and their role in sensory filtering in Drosophila melanogaster
P117	James	Evans	Investigating activity-regulated genes required for long-term memory
P166	Tania	Fernandez d.V. Alquicira	Cellular and molecular network mechanisms of memory consolidation
P193	Ana	Filošević Vujnović	Isolation and Monoamine Levels: Impact on Methamphetamine Preferential Consumption in Drosophila melanogaster
P122	Rabia	Garibagaoglu	The Influence of Amino Acids on Sleep Regulation in Drosophila melanogaster

Thursday 5th September



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P194	Sagnik	Ghosh	Remote chemical command from the female to male clock induces and synchronizes male insects' circadian rhythms.
P231	Christoph	Giez	Cellular and molecular mechanisms underlying the evolution of central neural circuits and behaviour
P213	Beatriz	Gil Marti	Socialization causes long-lasting behavioral changes
P156	Maria Constanza	Gonzalez Ramirez	Neuronal mechanisms of light-off jump habituation in Drosophila
P174	E. Axel	Gorostiza	Drosophila curve walking: the breaking of symmetry in motor control
P223	Lei	Guo	Stress, not sleep deprivation, affects the accumulation of reactive oxygen species in the gut
P220	Md Amit	Hasan	Mapping sensorimotor circuit underlying defensive actions in Drosophila larva
P136	Michael-Marcel	Heim	Dopamine modulates the activity of dopaminergic neurons involved in feeding
P164	Wolf	Huetteroth	Voluntary passive movement – do flies play?
P130	Yu-Chien	Hung	A novel neural pathway linking visual input and sleep status
P128	Ritsuki	Hyodo	Novel image processing technique for the analysis of activity in Drosophila melanogaster
P118	Keisuke	Imoto	Neural-circuit basis to control experience-dependent song preference in fruit flies
P214	Guillaume	Isabel	Long-term memory of mate copying in fruit flies is localized in mushroom bodies
P176	Ichiro	Isobe	Sleep Regulation by Male-Specific Odors and Individual Interactions in Drosophila melanogaster
P188	Sridhar Rajan	Jagannathan	Artificial memory induction in drosophila using a virtual olfactory arena
P219	Ana Marija	Jakšić	Behavioral individuality is a consequence of experience, genetics and learning
P245	Alisa	Jiménez García	Evolutionary dynamics of central brain asymmetry in Drosophila
P147	Kyoko	Jinnai	Elucidation of left-right asymmetry in brain function with chromosome mosaic
P134	Hannah	Jones	Uncovering the organisational structure of neurons in the posterior slope of the Drosophila melanogaster brain
P135	Michaela	Joyce	Divergent evolution of sleep in Drosophila species
P201	Shinji	Kamimura	Image processing method of Drosophila activity under a conventional rearing conditions
P237	Kentaro	Kato	What triggers dedifferentiation and proliferation of glial cells at the onset of Drosophila metamorphosis
P151	Ladann	Kiassat	Exploring the Circuitry of Visual Projection Neurons that Control Jumping and Backward Walking in Drosophila Using Connectomics
P131	Amber	Krebs	Neuron-glia interplay in larval escape behaviors: a tale of CsChrimson and RNAi effects on behavior
P178	Jessica	Kromp	The larval local search paradigm: Identification and Characterization of the larval search behavior in absence of external cues
P180	Violetta	La Franca	DH44 modulation of defensive behaviors in Drosophila melanogaster
P226	Marius	Lamberty	Neuronal correlates of time integration into memories
P170	Caleb	Larnerd	Memory-Like State Encoding in Rapid and Chronic Ethanol Tolerance
P167	Lara	Lederle	Circuit mechanisms controlling state-dependent food intake in Drosophila
P138	Nicole	Lee	Relation between valence and locomotor performance using well established optogenetics in Drosophila Melanogaster
P224	Suewei	Lin	Time perception following Weber's law in Drosophila
P157	Nuno	Machado	Modulation of egg laying by a Sparse Neuronal Population in the Drosophila's abdomen
P195	Utsab	Majumder	Distinct features of dopaminergic neuromodulation of motivation-dependent behavior in Drosophila
P204	Elizabeth C	Marin	Towards a unified atlas of the ventral nerve cord and the subesophageal ganglion
P184	Liria	Masuda-Nakagawa	MBON-a1/a2 neurons are odor-concentration-dependent output neurons of the mushroom bodies, and affect odor discrimination learning in larval Drosophila
P145	Gabriella	Mazzotta	Daily changes in the mitochondria network in the retina of Drosophila melanogaster
P160	Alex	McLachlan	Virtual Fly Brain - Integrating Drosophila melanogaster nervous system Split-GAL4 driver lines with connectomic and transcriptomic data
P183	Marta	Medija	Dopamine and Octopamine Regulate Isolation-induced Social Interaction Networks in Drosophila
P216	Krishna	Melnattur	Mutations in Anti Microbial Peptides differentially impact and sleep and sleep-dependent outputs.
P187	César S.	Mendes	Sustained local motor activity and avoidance behavior triggered by leg mechanosensory bristles

Thursday 5th September



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- Neural circuits & behaviour
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P185	Nesrine	Merabet	Neural circuits and mechanisms of nocifensive behavior and value coding in the fruit fly <i>Drosophila melanogaster</i> .
P241	Daniel	Mitic	Disentangling the genetic basis of brain circuit lateralization in <i>Drosophila</i>
P154	Irina	Moitra	Complete <i>Drosophila</i> adult CNS connectome allows thorough mapping of ascending neurons involved in locomotor circuits
P209	William (Billy)	Morris	Structure-aware conditional sparsification of synaptic connectivity matrices
P159	Samantha	Mota	Analgesic Signaling in <i>Drosophila</i> Larvae
P186	Milan Khungur	Narzary	Balancing Survival Needs: Unveiling the Neural Mechanism Underlying the Choice between Feeding and Fleeing
P246	Margot	Noguères	Identification of new actors of axonal remodeling
P137	Nadine	Nowag	The role of ethanol on larval behaviour in <i>Drosophila melanogaster</i>
P165	Abhijit	Parameswaran	Influence of Internal States on Decision-Making Neural Circuits
P181	Annie	Park	Neurophysiological Principles of Reward
P163	Moshe	Parnas	Neuronal Circuit Mechanisms of Competitive Interaction Between Action-based and Coincidence Learning
P205	Karina	Piotrowska	The role of post-synaptic dopamine transport in learning and memory
P171	Maximilian	Pitsch	Attentional inhibition is controlled by behavior-specific circuitry
P200	Emma	Pottié	Circadian clock disruption promotes the degeneration of dopaminergic neurons in <i>Drosophila melanogaster</i>
P158	Olga	Procenko	Stress increases the resolution of bee vision
P175	Solenne	Puisais	Dissection of the opponent mechanisms for processing skylight cues in the Distal Medulla of <i>Drosophila melanogaster</i>
P244	Kavya Vinayan	Pushpalatha	Presynaptic protein translation as a potential molecular mechanism regulating long-term homeostatic plasticity
P199	Maxime	Revel	Exploring the role and evolution of male Accessory gland's Secondary Cells in <i>Drosophilids</i>
P242	Francisca	Rojo Cortes	Structural plasticity in a dopaminergic circuit by a neurotrophin with a Toll modifies behaviour
P218	Gregg	Roman	Dunc13, Rim, and Rab3 Active Zone proteins bidirectionally regulate ethanol sedation sensitivity.
P232	Emily	Sample	Characterising Cryptochrome as a Novel Modulator of Neuronal Transmission at the Larval Neuromuscular Junction in <i>Drosophila</i> .
P132	Gizem	Sancer	Selective Central Negation of Peripheral Sensory Modulation in <i>Drosophila melanogaster</i>
P225	Sara	Santos	Possible role of abdominal ganglion's 13 neurons set in egg-laying
P179	Doruk	Savas	Differential control of <i>Drosophila</i> feeding behavior via co-transmission of leucokinin and acetylcholine
P146	Johanna	Schweizer	Integration of information in the absence of action in <i>Drosophila</i>
P142	Aishwarya	Segu	tequila, the neurotrypsin plays a role in sleep quality maintenance in flies
P125	Prachi	Shah	Insult-induced retrograde amnesia is mediated by dopaminergic activity
P149	Valeria	Silva	Connectomic comparison of dopaminergic neural circuits in the female and male adult brains of <i>Drosophila melanogaster</i>
P228	Aleksandra	Simdianova	Integration of navigational cues in the central brain of <i>Drosophila melanogaster</i>
P129	Deepanshu	Singh	Sex-peptide targets distinct higher-order processing neurons in the brain to induce the female post-mating response
P240	Edward	Smith	Understanding the regulation of apoptosis-induced cell cycle re-entry
P169	Zhuoyi	Song	Looming detection in complex dynamic visual scenes by modelling interneuronal coordination of motion and feature pathways
P198	Altar	Sorkac	Convergent olfactory circuits for courtship in <i>Drosophila</i> revealed by ds-Tango
P211	Tomke	Stürner	Comparative connectomics of the descending and ascending neurons of the <i>Drosophila</i> nervous system: stereotypy and sexual dimorphism
P221	Raquel	Suárez Grimalt	Balancing good and bad: serotonin signals bias memory consolidation towards positive or negative experiences
P197	Danesha Devini	Suresh	Investigating the Interaction Networks of Neuronal Protein Complexes
P235	Athira	Theyyassanchery Mani	The impact of protein kinase RSK in circadian clock, synaptic plasticity and behavioural timing in <i>Drosophila melanogaster</i> .
P215	Massimo	Thiel	Arborization patterns of ascending neurons in the adult <i>Drosophila melanogaster</i> central nervous system

Thursday 5th September



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- Neural circuits & behaviour
- Plasticity and Remodelling

P212	Séverine	Tranoy	Glutamate signaling from VPM4 neurons act on MBON-11 neurons to prevent high-level of aggression in <i>Drosophila melanogaster</i>
P182	Christoph	Treiber	Single-cell transcriptomics unveil functional heterogeneity of dopamine neurons
P162	Oriane	Turrel	Role of presynaptic proteins in memory formation in the Mushroom Bodies of <i>Drosophila melanogaster</i>
P143	Nadezhda	Velichkova	Postmitotic Hox genes control motor network diversification
P229	Katrin	Vogt	Social context-dependent cannibalistic behaviour in <i>Drosophila</i> larvae
P233	Carolin	Warnecke	Reward re-exposure driven memory re-evaluation.
P119	Denise	Weber	Salty lessons: Unravelling the Neuronal Circuit of Aversive Learning in <i>Drosophila</i> Larvae
P153	Johannes	Wibroe	To wake up or not to wake up: Auditory filtering during sleep
P196	Herman	Wijnen	Red light-mediated plasticity of pacemaker function in the <i>Drosophila</i> circadian clock circuit.
P123	Wenbin	Yang	Creating true and false memories from forgotten information in <i>Drosophila</i>
P141	Yijie	Yin	Connectome Interpreter: a Toolkit
P144	Qianhui	Zhao	A two-layer neural circuit controls fast forward locomotion in <i>Drosophila</i> larva
P227	Rouven Lukas	Ziegler	The cellular architecture of memory modules in <i>Drosophila</i> supports stochastic input integration
P208	Birte	Zuidinga	Molecular basis of null-direction suppression in T4 and T5 neurons