



Progress Report Seminar - Spring Semester 2022

Time: Tuesday at 8:30 a.m.

Date	Speaker/Group Title	Chair
February 22, 2022	Manuel Zinnenlauf / MA	Cagla Özsoy / DR
	<i>FRET Based Screening for Interaction of ER-membrane Bound Proteins</i>	
	Cedric Kiss / TP	
	<i>Engineering of a Chimeric MCH Sensor</i>	
March 1, 2022	Nicola Schmid / BW	Jacqueline Condrau/BW
	<i>Characterization of Astrocytic Plasticity in Cortical Neuromyelitis Optica Lesion Formation and Recovery</i>	
	Lisa Tidecks / GS	
	<i>Towards In Vivo Prime Editing in the Brain</i>	
March 8, 2022	Selina Mazenauer / MA	Marie Labouesse / TP
	<i>Epoxide Hydrolases and their Substrates: Modulators of Aldosterone Synthesis in the Adrenal Gland?</i>	
	Noëline Basler /HPL	
	<i>Clearance of Macromolecules During Sleep, Sleep Stimulation, and Sleep Deprivation</i>	

March 15, 2022	Henri Zanker / AS	Lukas Glandorf / DR
	<i>Towards In-vivo Corpus Callosum Metabolic Imaging</i>	
March 22, 2022	Marie Labouesse / TP	Simon D'Aquin / HUZ
	<i>A Chemogenetic Booster to Enhance the Sensitivity of Dopamine Imaging In-vivo</i>	
	Roberta Cadei / SB	
	<i>Investigation of Metabolism in NONO Depleted Cells</i>	
March 29, 2022	Chaim Glück / BW	Cecilie Nguyen / SB
	<i>Leptomeningeal Collaterals in Neurovascular Coupling</i>	
	Zhenyue Chen / DR	
	<i>Transcranial Ischemic Stroke Imaging with Large-field Multifocal Illumination Fluorescence Microscopy</i>	
April 5, 2022	Francesca Pietrafesa / HUZ	Nicolas Mathis / GS
	<i>Treatment of Dravet Syndrome by In-vivo Base Editing</i>	
	Otomo Kanako /ST	
	<i>Gephyrin Protein Scaffold is a Hub for Cortical Network Tuning</i>	
April 12, 2022	Marina Herwerth / BW	Raquel Mendes / HUZ
	<i>Astrocytopathy-driven Neuroinflammation</i>	



	<p>Sara Meier / SB</p> <p><i>Circadian Blood Metabolomics in Norwegian Reindeer Across Seasons</i></p>	
April 26, 2022	<p>Valentin Rohner / TP</p> <p><i>Engineering of a Genetically Encoded Norepinephrine Sensor</i></p> <p>Cinzia Schmid /HPL</p> <p><i>Testing the Application of «SleepLoop» to Study the Effects of Sleep Interventions in the Laboratory and at Home</i></p>	Weiye Li /DR
May 3, 2022	<p>Ali Özbek / DR</p> <p><i>Ultra High Framerate Optoacoustic Tomography</i></p> <p>Andrin Abegg / ST</p> <p><i>The Inhibitory Synaptic Scaffold as a Controlling Point for Aversive Memories</i></p>	Lucas Kissling/ GS
May 10, 2022	<p>Camilla Beccarini / HUZ</p> <p><i>Characterization of Translatomic Changes in Spinal Cells After Peripheral Nerve Injury</i></p> <p>Rachel Meister / BW</p> <p><i>The effects of the Ketogenic Diet and Ketone Bodies on Brain Cell Metabolism</i></p>	Zacharoula Kagiampaki / TP
May 17, 2022	<p>Irmak Gezginer / DR</p> <p><i>Simultaneous Functional Magnetic Resonance and Optoacoustic Imaging of Brain-wide Sensory Responses in Mice</i></p>	Eleonora Ioannidi / GS

	<p>Hector Estrada / DR</p> <hr/> <p><i>Precise Transcranial Ultrasound Delivery and Brain Wide Imaging in Mice</i></p>	
<p>May 24, 2022</p>	<p>Harada Masaya / TP</p> <hr/> <p><i>VTA Dopamine Neuron Activity Modulates Neuropeptide Tone in the Nucleus Accumbens</i></p>	<p>Sandeep Kalva / DR</p>
	<p>Tina Notter / BW</p> <hr/> <p><i>Acute Functional and Behavioral Effects of Increased Astrocyte Activity in the mPFC</i></p>	
<p>May 31, 2022</p>	<p>Audrey Schult / SB</p> <hr/> <p><i>NONO and Insulin Secretion</i></p>	<p>Sharan Janjuha / GS</p>
	<p>Konstantinos Kompotis / SB</p> <hr/> <p><i>Manipulating SCN Neurons at the Wrong Time of the Day: Impact on Sleep and Wake Behaviour in Mice</i></p>	