2019 ENCODS

European Neuroscience Conference
by Doctoral Students

PHD TALKS

Monday 24th June

	Auditorium	Seminar room 1	Seminar room 2	Seminar room 3
	Cellular and Molecular Neuroscience	**Cognitive and Clinical Neuroscience**	**Aging brain**	**Systems and Circuits Neuroscience**
11:30-11:45	**Sonja Meiser** Carl von Ossietzky University, Oldenburg (Germany) "Activity-dependent non-synaptic cellular plasticity in leech touch sensory neurons depends on Na+/K+ pump."	**Mirna Merkler** University of Strathclyde (United Kingdom) "Determining the impact of neocortex size changes on information processing."	**Jessica Salles Henrique** Federal University of São Paulo (Brazil) "Cortical and hippocampal expression of inflammatory and intracellular signaling proteins in aged rats submitted to aerobic and resistance physical training."	**Sander van Gurp** Heinrich Heine Universität, Düsseldorf (Germany) "Reinforcement learning of social value in rats."
11:45-12:00	**Oana Constantin** Zentrum fur Molekulare Neurobiologie, Hamburg (Germany) "Manipulation of membrane potential using a novel synthetic light activated potassium channel."	**David Keller** Semmelweis Univesity, Budapest (Hungary) "Chemogenetic evidence of a novel neuronal pathway conveying social input from a conspecific to higher brain centers in rat."	**Lucy Granat** King's College London (United Kingdom) "Investigating the role of the endoplasmic reticulum in neurodegenerative mitochondrial disease."	**Sevgi Öztürk** Bogazici University, Istanbul (Turkey) "Prediction of behavioural responses from cortical spike recordings in rats."
12:00-12:15	**Adele Edwards** University of Nottingham (United Kingdom) "Developmental neural stem cell responses in the spinal cord and the influence of painful stimulation."	**Hugh Pemberton** University College London (United Kingdom) "Integrated white-matter lesion and grey-matter shrinkage quantification for clinical use."	**Mai-Carmen Requena-Komuro** University College London (United Kingdom) "Altered time awareness in frontotemporal dementia syndromes and Alzheimer's disease."	**Rawan AlSubaie** University College London (United Kingdom) "Functional and behavioural investigation of amygdala to hippocampus connectivity."

Tuesday 25th June

	Seminar room 1	Seminar room 2	Seminar room 3
	Computational and Theoretical Neuroscience	**Systems and Circuits Neuroscience**	**Cognitive and Clinical Neuroscience**
14:30-14:45	**Paris Alexandros Lalousis** University of Birmingham (United Kingdom) *"Trans-diagnostic phenotypic and neuroanatomical markers of depression."*	**Billy Morris** University of Cambridge (United Kingdom) *"Synaptic connectivity of a novel component within female Drosophila mating circuit."*	**Joana Carvalheiro** University of Minho, Braga (Portugal) *"Induced acute stress modulates human reinforcement learning."*
14:45-15:00	**Vitalina Bashinskaya** Diagen Molecular Genetic Laboratory, Kiev (Ukraine) *"A multivariate analysis of genetic liability to different substances' abuse."*	**Tina Gothner** Carl von Ossietzky University, Oldenburg (Germany) *"Decoding stimulus identity and contextual information in parallel: A neurophysiological basis of reverberation discrimination."*	**Agustin Perez Santangelo** Universidad Torcuato Di Tella, Buenos Aires (Argentina) *"The beatable mind: cognitive effects of music tempo on human decision-making, a model-based approach."*
15:00-15:15	**Ezgi Tanriver-Ayder** University of Edinburgh (United Kingdom) *"Meta-analysis of preclinical data in neuroscience drug discovery research."*	**Ningyu Zhang** University College London (United Kingdom) *"How does the brain's 'compass' work in environments with different structures?"*	**Célia Domingos** University of Minho, Braga (Portugal) *"BrainFit – The role of physical activity on healthy brain using a wearable device to measure and quantify free-living physical activity."*
15:15-15:30	**Cephas Chiundidza** University of Zimbabwe, Harare (Zimbabwe) *"Analysis of FORCE Learning in constructing recurrent neural networks."*	**Shanice Bailey** University of Cambridge (United Kingdom) *"Sexually dimorphic neuronal population integrates parallel channels of chemosensory information."*	**Julià Agramunt** Imperial College London (United Kingdom) *"Sensory neural networks in the human hair follicle: implications in tactile mechanotransduction."*