

Program RESEARCH DAY Section of Medicine, University of Fribourg, 15.3.2023

10:30-10:35 Welcome

10:35- 11:35 Dr. Alison Barker, MPI group leader

Linking Communication and Cooperation: Lessons from the Naked Mole-Rat

11:35-12:00 Prof. Mario Prsa

Cortical encoding of proprioception

Lunch break, posters

13:00-13:25 Prof. Adria LeBoeuf

Ant colonies as models for the evolution of collectively developing systems

13:30-14:30 Short talks selected from abstracts (4x15min)

13:30 Angelica Rigutto, PhD student Curioni group

The impact of circulating and tumor-infiltrating immune cell populations in patients with lung cancer and mesothelioma treated with chemo-immunotherapy in a phase II clinical trial (SAKK17/18-ORIGIN)

13:45 Dr. Benedikt Huber, Wildhaber group

*The effect of *Gentiana lutea* on barrier integrity and cytokine release in bronchial epithelial cell cultures*

14:00 Dr. Alexander Heimann, Tannast group

Unilateral Bernese periacetabular osteotomy - what happens to the pelvic tilt over time?

14:15 Dr. Darko Maric, Hoogewijs group

Comprehensive in silico and functional studies for classification of EPAS1/HIF2A genetic variants identified in patients with erythrocytosis

14:30-14:45 2min Poster flash

Samy Rima, Schmid group

Linda Laederach, Biason-Lauber group

Bernadette van der Linden & Cornelia Wagner, Chiolero group

Cui Zhu, Yang group

Franziska Baumeister, Durrleman group

Marin Bernet, von Philipsborn group

Jose Martinez Magdaleno, STEIN group

14:45-15:45 coffee break with poster session

15:45-16:10 Prof. Patricia Boya

Neuronal autophagy: much more than just taking out the trash

16:10-16:35 Prof. Dragos Inta

From psychiatry to neuroscience: understanding the mechanism of therapeutic interventions

LIST OF POSTERS

AHMED, Shaista	GIRAUD	Investigating the role of CD68 enriched bone marrow cells in modulating cardiac cell fate cardiomyocyte in particular
ALONSO, Ignacio	PRSA	Spatial encoding of forelimb proprioception in the mouse somatosensory cortex
BAUMEISTER, Franziska	DURRELMAN	Reliability test of a new low-verbal "Social cognition" task
BERNET, Martin	VON PHILIPSBORN	Acoustic rejection behavior in immature <i>Drosophila</i> virgin females
CHENG, Xi	YANG	no title
CHIDDA, Amal	TANNAST	Trimalleolar fractures: a 10-year radiological and functional follow-up
CLAUDINO CARVOEIRO, Daniela	STEIN	A CHEMOKINE-DRIVEN FEEDBACK LOOP PREVENTS ABERRANT T CELL ACTIVATION/ OVERSTIMULATION BY TERMINATING THEIR CROSSTALK WITH DENDRITIC CELLS
CORREIA, Miguel	HOOGEWIJS	Androglobin knockout leads to endocrine imbalance and hyperkalemia under high-potassium diet
GREILSAMER, Jennifer	SCHMID	Cognitive task testing in rhesus macaques with minimal restraint
HAKALA, Sanja	LEBOEUF	The biospheric emergency calls for scientists to change tactics
HERWIG, Antonia	HOOGEWIJS	Identification of new ciliogenesis-associated transcriptional regulators of androglobin
KEPPER, Anna	HOOGEWIJS	Androglobin, a chimeric mammalian globin, is associated with ciliogenesis and sonic hedgehog signaling
LAEDERACH, Linda	BIASON-LAUBER	From urine progenitor cells to induced pluripotent stem cells
MARTINEZ MAGDALENO, Jose	STEIN	Exocrine gland-resident memory CD8 ⁺ T cells use mechanosensing for tissue surveillance
MOOSMANN, Angela	TANNAST?	Does treatment of proximal humerus fractures in accordance with current recommendations improve outcome?
MUELLER, Eliane	AYBEK	Real-time fMRI Neurofeedback in Functional Neurological Disorder: A proof-of-concept study
OSTERHOF, Carina	HOOGEWIJS	Androglobin expression pattern in basal metazoans confirms its conserved functional association with cilia
OTMANU IDRISU, Myriem	GIRAUD	Characterization of the Renin-Angiotensin System and Hematological Adaptations in Exercise-Induced Eccentric Cardiac Hypertrophy in Female Rats
POTENZA, Duilio	YANG	<i>Arginase II</i> ablation prevents heart remodeling induced by high salt intake

RIMA, Samy	SCHMID	Visual foundations of reading and its implications for developmental dyslexia: eye movement control and lateralized visual motion perception
SCHEER, Irina	PRSA	The Representation of Proprioceptive Sensory and Motor Adaptive Information in the Cerebellum
STOFFEL, Natascha	AYBEK	The role of Oxytocin and Interception in Functional Neurological Disorder (FND)
VAN DER LINDEN, Bernadette	CHIOLERO	Sequence analysis in life course epidemiology: conceptualization and application
VAN DER MEIJS, Milou	HOOGEWIJS, SZABO	Exploring the protective role of androglobin in cellular models
VERBAKEL, Lina	VON PHILIPSBORN	Differential seminal fluid proteomics identified CG1701 and Acp26Ab as re-mating delay factors in the <i>D. melanogaster</i> post-mating response.
VON DER DECKEN, Isabel	BIASON-LAUBER	Maximizing the Benefits of WES Data for Clinical Diagnosis of Patients with Variants of Sex Development
WOLFNER, Pauline	DURRLEMANN	Which aspects of bilingualism contribute to phonemic and semantic fluencies? Insight from young adults
ZHU, Cui	YANG	Role of pulmonary epithelial arginase-II in activation of fibroblasts and lung inflammaging