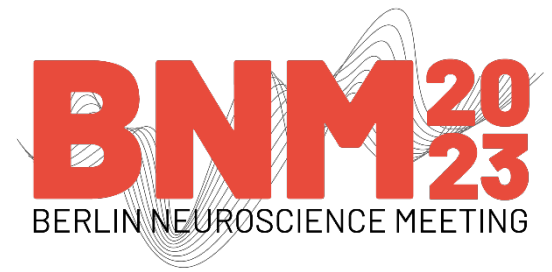


Poster Session II



October 6, 2:15 – 3:15 p.m.

René Bernard

The EQIPD system - how to ensure research quality in the preclinical neuroscience research setting

poster no.: **3**

Lídia Cantacorps Centellas

Long-lasting metabolic effects of maternal diabetes and metformin exposure in offspring mice

poster no.: **8**

Robert Chesters

Fasting induced activity changes in melanocortin-3 receptor (MC3R) neurons of the paraventricular thalamus (PVT)

poster no.: **24**

Verity Cook

Social context of acoustic communication in the small teleost Danionella

poster no.: **19**

Norman Drzeniek

mRNA-nanoparticles to probe and manipulate neural function

poster no.: **7**

Laura Göschel

Associations between blood-based biomarkers and other outcomes related to Alzheimer's disease

poster no.: **17**

Antonia Groneberg

Ontogeny of acoustic communication in danionella cerebrum

poster no.: **16**

Taanisha Gupta

Dissecting the pathophysiology underlying the developmental defects associated with SynGAP syndrome

poster no.: **9**

Daniela Hacker

Microtubule-anchoring to excitatory synapses of PV neurons

poster no.: **22**

Joerg Henninger

Whole-brain oblique plane microscopy in Danionella cerebrum reveals social sound-specific processing across the auditory pathway

poster no.: **20**

Marie-Louise Herzog

Mechanisms of cardiac dysfunction after ischemic stroke – the Stroke-Heart Syndrome

poster no.: **31**

Burce Kabaoglu

Electrical stimulation of spinal circuits for gait recovery in Parkinson's disease

poster no.: **13**

Mykola Kadobianskyi

*Adult brain atlas of *Danio rerio* cerebrum for whole-brain molecular and functional imaging*

poster no.: **14**

Hassane Kissane

Exploring Eye Movement Patterns in Processing Different Verb-particle Combinations during Language Reading

poster no.: **15**

Daniil Markov

On the path to whole-brain mapping of neuronal activity changes during associative learning

poster no.: **27**

Niklas Meyer

Optogenetic control of subcellular Calcium-signaling

poster no.: **29**

Dejana Mitrovic

Altered Spatial Navigation and Network Computations in Early Alzheimer's Disease

poster no.: **23**

Marta Orlando

Role of Synapsin in hippocampal mossy fiber plasticity

poster no.: **3**

Rina Patel

Dysfunctional Mitochondria of PV+ Interneurons Impairs CA1 Function

poster no.: **30**

Yangfan Peng

Global neuronal dynamics predict goal approach

poster no.: **1**

Alice Podestà

Role of 1-naphthyl acetyl spermine (NASPM) as antiseizure medication compound in an ex vivo model of human brain neocortex.

poster no.: **11**

Fritz Rathjen

Is the Ig cell adhesion molecule CAR implicated in the Down Syndrome?

poster no.: **26**

Eva Maria Robles Hernandez

Evaluation of CA3 place cells remapping in APP/PS1 model mouse of Alzheimer's Disease

poster no.: **12**

Shimon Jude Swer

Engrams involved in learning a spatial memory task

poster no.: **6**

Nilakshi Vaidya

Neurocognitive Analysis of Low-level Arsenic Exposure and Executive Function Mediated by Brain Anomalies

poster no.: **33**

Ben Gerhardt

*MicroCT based analysis of the visuo-motor system in the camouflaging cuttlefish *Sepia officinalis**

poster no.: **18**

Selma Yagoub

Effect of an acute HFD exposure on AgRP projections

poster no.: **28**

Syeda Anchel Zahra

Bile acid expression across development within the gut-brain axis

poster no.: **5**