

Poster board number	First name	Surname	Abstract Title	Institution
1	Mihai	Atudorei	Chemogenetic Modulation of Corticostriatal Neurons and Evoked Motor Behavior Repertoires in Mice	University of Copenhagen
2	Suet Theng	Beh	Exploiting the Potential of Patient-based Postmortem Fibroblasts for Understanding Age-Related Neurodegenerative Disease Research	Banner Health
3	Abinaya	Chandrasekaran	Modelling Developmental and Epileptic Encephalopathies (DEE) through iPSCs via CRISPR-Cas9 technology	University of Copenhagen
4	Catarina	Dias	Neuronal membrane repair in cultured human neurons and Drosophila	Danish Cancer Society
5	Michelle Ninochka	Dsouza	Fragile X Mental Retardation Protein interacts with C/D Box snoRNA in the nucleus to regulate ribosome heterogeneity along neuronal differentiation	Institute for Stem Cell Science and Regenerative Medicine
6	Nina	Fultz	Kinetic Modelling of 5-HT Release Following a Non-pharmacological Stimuli Using a Modified Reference Tissue Model	Neurobiology Research Unit
7	Hatef	Ghasemi Hamidanadi	Differentiation of Human Olfactory Mucosal Ectomesenchymal Stem Cells into Functional Cholinergic Neuron; In vitro and Ex vivo Study	Mazandaran University of Medical Sciences
8	Macarena	Gomez de Salazar	Synaptic targeting of plasticity-related proteins after neuronal stimulation	Aarhus University
9	Jacky	Guy	DNA base editing of MeCP2 C-terminal deletions as a therapy for Rett syndrome	University of Edinburgh
10	Lisa	Hall	Silencing Trisomy 21 with XIST Reveals Insights Into Down Syndrome Neurodevelopment and Chromatin Plasticity	University of Massachusetts Chan Medical School
11	Alex	Harvey	Role of the long 3'UTR in GRIN2B mRNA processes for learning and memory	Aarhus University
12	Johan	Holmberg	The role of PRC2-mediated gene repression for the maintenance of differentiated dopaminergic and serotonergic neuronal identity	Umeå Universitet
13	Kristian	Juul-Madsen	Nanoscale amyloid beta activates peripheral monocytes and protects against neuropathology	Max Delbrück Center for Molecular Medicine, Aarhus University
14	Theresa	Kagermeier	Human organoid model of PCH2a recapitulates brain region-specific pathology	Hertie Institute for Clinical Brain Research
15	Simrandeep	Kaur Sidhu	Recovery of Turning Gaits in Parkinsonian Mice by Targeted Stimulation of Brainstem Neurons	University of Copenhagen
16	Anna Mathia	Klawonn	The role of Microglia in early Parkinson's pathology – A comparative study of early onset PD-mouse models	University of Copenhagen
17	Aarthi	Krishnan	To establish the molecular mechanism taking place during the transformation of worker ants to gamergates in Harpegnathos saltator	Uppsala University
18	Dewa	Lal	Association between acute post traumatic epilepsy and cerebral ischaemia – Descriptive study	National Hospital of Kandy
19	Adriano	Lama	Obsessive-compulsive disorder induced by lipopolysaccharide injection in rats: focus on gender-related differences	University of Naples Federico II
20	Michael	Lattke	Identification of defects of human cortical neuron development in Down syndrome using single cell transcriptomics	Imperial College London
*	Phillip	Mews	Epigenome reprogramming underlies cell-type specific priming of striatal gene responses in cocaine relapse	Icahn School of Medicine at Mount Sinai
21	Kitty	Murphy	Investigating epigenetic regulation of microglia in a human-mouse chimera model of Alzheimer's disease	Imperial College London/UK DRI
22	Maela	Paul	Synapse-specific molecular rules control the development of excitatory synapse diversity	College de France
23	Sandra	Siegert	A sexual dimorphic microglia response modulates visual cortex network activity after ketamine-anesthesia	ISTA (Institute of Science and Technology Austria)
*	Vijay	Tiwari	Phf21b imprints the spatiotemporal epigenetic switch essential for neural stem cell differentiation	Queen's University Belfast
24	Zhenxiang	Zhao	TDP-43 mislocation drives neuronal excitability changes in Amyotrophic Lateral Sclerosis /Frontal Temporal Dementia	University of Copenhagen

**Poster Session II: Tuesday, 25 April 2023 (5:20 pm - 7:20 pm) &  
Short Talks (Wednesday)**

No	Surname	Name	Abstract Title	Institution
25	Andrew	Aldridge	Replication dependent linker histone H1.4 continues to accumulate in post-mitotic neurons	Duke University
26	Theodora	Chalatsi	Autophagy in parvalbumin interneurons is required for inhibitory transmission and memory via regulation of synaptic proteostasis	University of Lausanne
27	Lea	Cohen	Delineating the immediate molecular consequences of the glioblastoma associated H3.3K27M mutation during neural differentiation	Hebrew University
28	Stefan	Dvoretzkii	Transfer Entropy for Activity Analysis of iPSC-derived Neuronal Cell Colonies	TU Munich/DTU
29**	Susanne	Falkner	Patterned Activity-driven Molecular Diversification During Neonatal Cortical Circuit Formation	University of Basel, Biozentrum
30	Vanessa	Hall	Production of human entorhinal stellate cell-like cells by a forward programming approach.	University of Copenhagen
31	Yassin	Harim	The Chromatin Remodeler Chd7 Acts as a Chromatin Hub Coordinating Differentiation of Multiple Cell Lineages during Hippocampal Development	German Cancer Research Center (DKFZ)
32	Marcel	Jüngling	Transcriptomic characterization of synapse types and states	Max Planck Institute for Brain Research
33	John Paul	Llido	Regional and Developmental Perturbation of the Central Nervous System (CNS) in Hyperbilirubinemic Rats	Fondazione Italiana Fegato - ONLUS
34	Rugile	Matuleviciute	Diversity of transcript isoforms in the developing hiPSC-derived microglia	King's College London
35	Simone	Mayer	Human brain organoid model of maternal immune activation identifies radial glia cells as selectively vulnerable	University of Tuebingen
36	Laura Mikél	McNair	Positive modulation of dopamine transport by branched-chain fatty acid discovered in Australian desert plant	University of Copenhagen
37	Carly	Mickelson	Microglia-Motor Neuron Communication at the Axon Initial Segment after Nerve Injury	University of Copenhagen
38	Poornemaa	Natarajan	Exploring transcriptional cascades in cortical astrocytes: the role of Sox9 and Trps1	Ludwig Maximilian University of Munich
*	Emily	Osterweil	The long and short of altered mRNA translation in Fragile X Syndrome	University of Edinburgh
39	Malene	Overby	Regulating sortilin proteolytic cleavage through a novel molecular switch with relevance to Alzheimer's disease	Aarhus University
40	ChangHui	Pak	Synaptic dysfunction as the driving mechanism across neuropsychiatric disorders: recent findings from human iPSC-derived induced neurons and brain organoids	University of Massachusetts Amherst
41	Katie	Paton	The role of ASD associated genes in neurodevelopment versus neuronal maintenance	University of Edinburgh
42	Dorottya	Ralbovszki	Single cell mapping the evolution of the spatial processing centre in the Brain	University of Copenhagen
43**	Sahba	Seddighi	Mis-spliced transcripts generate de novo proteins in TDP-43-related ALS/FTD	University of Oxford/ NIH
44**	Fekrige	Selimi	Transient molecular changes and lasting synaptic effects in the cerebellum of the neonatal phencyclidine mouse model of schizophrenia.	Collège de France
45	Rubina	Shakya	Melatonin-Induced Cognitive Recovery in Methamphetamine Treated Mice is Mediated Via Canonical WNT Signaling Pathway	Mahidol University
46	Firuze	Unlu Bektas	Investigating MBD5 protein and its contribution to PR-DUB complex in the developing brain.	The University of Edinburgh
47	Meera	Vadakkath	Derailed neurogenesis brings about deficits in olfactory fine tuning	Rajiv Gandhi Centre for Biotechnology
48	Reuben Mangi	Yaa	Characterization of putative target genes of Alzheimer's disease risk loci in microglia	UK Dementia Research Institute at Imperial College London
49	Zeynep	Yentür	Human model of fetal valproate exposure reveals alterations in radial glia proliferation, cell-cell adhesion and extracellular matrix composition	Hertie Institute for Clinical Brain Research

\* short talk without poster presentation

\*\* short talk with poster presentation