Poster No.	Title of the Poster	Author(s)
1	Eomesodermin-expressing lymphocytes in Multiple Sclerosis Progression: clinical and immunological insights	Annika Mattukat, Ulas Ceylan, Lina Rambuscheck, Vanessa Vucancic, Carlos S. Plaza-Sirvent, Theodoros Ladopoulos, David Bratek, Carsten Lukas, Ingo Schmitz, Ralf Gold, Ruth Schneider, Simon Faissner
2	Insights and Differences in EDSS Trends in Data from Multiple Sclerosis Patients Using Statistical Methods: A White-Box View	Dominik Lux, Lea Horstkemper, Charmaine Schücke, Phillip Poser, Barbara Bellenberg, Britta Eggers, Katalin Barkovits-Boeddinghaus, Barbara Gisevius, Anke Salmen, Jeremias Motte, Carsten Lukas, Katrin Marcus, Martin Eisenacher
3	Establishing a neuroprotective microglia population by repopulation and siponimod treatment in models for progressive Multiple Sclerosis - implication for neuroprotection	Neele Heitmann, Sarina Fiene, Lina Rambuscheck, Britta Eggers, Maria Fernanda Valdez Michel, Anne-Christin Gude, Katharina Klöster, Verian Bader, Sabrina Reinehr, Stephanie Joachim, Oliver Gramlich, Voon Wee Yong, Ralf Gold, Simon Faissner
4	Understanding of complement system inhibition in a model of spontaneous opticospinal encephalomyelitis	Katharina Klöster, Sabrina Reinehr, Britta Eggers, Neele Heitmann, Charmaine Schücke, Bela Gaertner, Wanyun Qin, Katharina Hoppe, Katrin Marcus-Alic, Ralf Gold, Stephanie C. Joachim, Simon Faissner
5	Neuromelanin granules show a specific protein signature in Parkinson's disease	Maximilian Wulf, Katalin Barkovits-Boeddinghaus, Karin Schork, Martin Eisenacher, Peter Riederer, Manfred Gerlach, Britta Eggers, Katrin Marcus-Alic
6	Extracellular vesile protein signatures as early diagnostic marker for neurodegenerative diseases	Svitlana Rozanova, Jana Berbuir, Thomas Polak, Martin J Herrmann, Martin Eisenacher, Katalin Barkovits-Boeddinghaus, Katrin Marcus
7	Lumbar tactile acuity associated with S1-thalamic functional connectivity and S1 microstructure in low back pain and healthy individuals	Lionel Butry, PREDICT-LBP Consortium, Lara Schlaffke, Elena Enax-Krumova
8	Viral Gene Replacement Therapy in Calpain-3 deficient Mice (LGMD2A/R1)	Arthur Würz
9	A New Window into Huntington's Disease: Progressive Cognitive Decline in the Novel F344-Htt/tm1 Rat Model	Parnian Ghari
10	Operant behavioral assessment in a self-built homecage environment	Patrick R. Reinhardt, Erik K. H. Clemensson, Jonas Rose, Huu Phuc Nguyen, Nadja Freund
11	Fluctuating dopamine D1 receptor density: the impact on social behavior in a rat model	Candy D. C. Theis, Patrick R. Reinhardt, Nadja Freund

12	What is the Role of 5-HT2C Receptor Signalling in the Lateral Habenula in a Mouse Model of Depression?	Maria Worm, Katharina Spoida
13	Prenatal stress impacts myelin-associated protein expression in the chicken embryo model system	Béla Gärtner
14	Opn7b reduced cFos activity in stress and fear circuits and modulates aversive behavior	Hanna Böke, Hannah Schulte, Maria Worm, Julia Bihorac, Brix Mücher, Martin Hadamitzky, Ida Siveke, Stefan Herlitze, Katharina Spoida
15	Chemogenetic modulation of CRF neurons in the BNST of 5-HT2C receptor mutant mice	Hannah Schulte, Hanna Böke, Patricia Lössl, Maria Worm, Ida Siveke, Stefan Herlitze, Katharina Spoida
16	Role of the cerebellum in cognition and fear learning	Tejas Nair
17	Cerebellar $\alpha 1_D$-adreneregic receptors mediate stress-induced dystonia in an EA2 mouse model	Pauline Bohne, Mareike Josten, Lina Rambuscheck, Jana Brüggemann, Max O. Rybarski, Melanie D. Mark
18	The effect of prenatal stress on the proteome and lipidome composition in the hippocampus and cerebellum of juvenile and adult rats	Leonie Hexamer, Sevim Isparta, Arijan Pasic, Britta Eggers, Patrick Reinhardt, Nadja Freund, Katrin Marcus-Alic
19	Effects of glutamate accumulation in organotypic slice cultures after metabolic stress	German Lauer, Tim Ziebarth, Hanna Praast, Olivia A. Masseck, Andreas Reiner
20	Neurotoxic and neuroprotective properties of neuromelanin granules in neuronal cells	Svenja Esser
21	Examining the Impact of Propionic Acid on Schwann Cells via Mass Spectrometry to Investigate Neuroprotective Mechanisms	Maximilian Schütte, Niklas Rilke, Britta Eggers, Katalin Barkovits, Kalliopi Pitarokoili, Katrin Marcus-Alic
22	Behavioural studies of vision degeneration in the RD10 mouse model	Anna-Lena Linke, Ida Siveke
23	Targeting Tenascin-C: A Protective Strategy Against Retinal Degeneration due to Ischemia/Hypoxia?	Aisha Yousf, Julia Lange, Laura M. Habel, Paula R. M. Hiekel, Josie Klinkenbuß, Sebastian Hildebrandt, Andreas Faissner, Jacqueline Reinhard
24	Cortex-wide phase coherence of ongoing activity induced by psychedelics and anaesthesia in mice	Callum White, Zohre Azimi, Robert Staadt, Chenchen Song, Thomas Knöpfel, Dirk Jancke
25	The role of activity deprivation on dendritic development and frequency of neocortical AcD pyramidal cells in rat visual cortex organotypic cultures	Marc-André Schmidt, David Bietz, Ina Köhler, Petra Wahle
26	Muscarinic receptor activation by carbachol shapes differentiation of cortical neurons	Michelle Kaczmarski, Ina Köhler, Andrea Räk, Christian Riedel, Petra Wahle

27	The role of the homeobox transcription factor Pbx1/3 in genesis of neural stem cell subtypes and neurogenesis	Asisa Muchamedin, Pauline A. Ulmke, Huu Phuc Nguyen
28	Integration of Mitochondria in Innate Immune Signaling	Anna Meichsner, Koustav Ray, Zhixiao Wu, Verian Bader, Jörg Tatzelt, Konstanze F. Winklhofer
29	Locus coeruleus control of information processing in hippocampal CA1 region	Celina Böse, Hardy Hagena, Denise Manahan-Vaughan
30	Structural and functional investigation of partially occupied kainate receptor heteromers	Laura Moreno Wasielewski, Alexa Strauss, Nandish Khanra, Sophie Lenze, Joel Meyerson, Joshua Levitz, Andreas Reiner
31	Using GPCR-based fluorescent sensors to investigate dopamine and serotonin receptors and their heteromers	Ponlawit Wisomka, Nik Meisterernst, Andreas Reiner
32	Spatiotemporal Dynamics of 5-HT Receptor Subtypes in Subcellular Microdomains of Cortical Neurons: Initial Visualization of Intracellular Ca^{2+} and cAMP Signals	Marzieh Sharifipasandi
33	Investigating the kinetics of fluorescent neurotransmitter sensors using fast patch-clamp fluorometry	Latife Sönmez, Tim Ziebarth, Laura Moreno Wasielewski, Stefan Pollok and Andreas Reiner
34	Optogenetic potential of the anomalous Gi/o coupled vertebrate ancient opsin from the flashlight fish A. katoptron	Lennard Rohr, Daniel Zhornist, Ori Bermann, Christiane Ruse, Marius Seidenthal, Genevieve Marie Auger, Caroline Naber, Alina Kirchhof, Caroline I. Guers, Melanie D. Mark, Till Rudack, Peter Soba, Alexander Gottschalk, Moran Shalev-Benami, Ida Siveke, Stefan Herlitze
35	Direct infusion mass spectrometry quantitation of short-chain fatty acids as a tool for liquid biopsy profiling	Arijan Pasic, Svitlana Rozanova, Anna Lena Fisse, Jeremias Motte, Maximilian Schröder, Philip Lenart Poser, Dirk Winkelhardt, Julian Uszkoreit, Ralf Gold, Katrin Marcus, Katalin Barkovits
36	Serving your Proteomics Analysis Needs – The Core Unit for Bioinformatics (CUBiMed.RUB) in Bochum and de.NBI 2.0 / ELIXIR-DE	Karin Schork
37	This could be your AI in life science – ML (consulting) at CUBiMed.RUB	Maike Weber
38	AI-assisted, integrative prediction of postoperative delirium (CONFUSED study)	Sara Sordon, Barbara Sitek, Malte Bayer, Michael Adamzik, Martin Eisenacher