



## LIST OF ACCEPTED POSTERS

Poster Number	Surname	Firstname	Poster Title
1	Atbasoglu	E. Cem	Expression of solute carrier genes NHE6 (SLC9A6) and NHE9 (SLC9A9) as indicators of disturbed endosomal functioning in deficit schizophrenia
2	Bahonjic	Elma	Distinct Hippocampal synaptic vesicle recycling pathways revealed by synapsin I/II-depleted mice
3	Banerjee	Abhishek	Role of Cortical Interneuron Subtypes in Rett syndrome
4	Bilella	Alessandro	Foxb1-positive neurons in the PV1 nucleus synapse in the periaqueductal gray
5	Binotti	Beyenech	Rab26 a key regulator of synaptic vesicle quality control: from recycling to autophagy
6	Botta	Paolo	Tonic inhibition in central amygdala controls anxiety
7	Choi	Su Yeon	Impaired social behavior in IRSp53 mutant mice improved by NMDAR and mGluR5 suppression
8	Couesnon	Aur�lie	Pinnatoxins block skeletal neuromuscular junction activity and affect embryo development
9	Davenport	Elizabeth	The role of Ahi1 in the molecular mechanisms of GABAA receptor neuronal trafficking
10	De Wit	Joris	Unbiased discovery of glypican as a novel receptor for LRRTM4 in regulating excitatory synapse development
11	Drulis-Fajdasz	Dominika	Synaptic plasticity affects the expression level of glycogen and glucose metabolism enzymes in neurons and astrocytes
12	Ebert	Silvia	Identification of palmitoylation sites on the postsynaptic protein gephyrin
13	Ert�rk	Ali	Sculpting the nervous system: spine elimination and dendrite retraction by local apoptosis
14	Fern�ndez	Esperanza	Molecular mechanisms involved in FMRP-mediated regulation of PSD-95 mRNA
15	Fieblinger	Tim	Morphological adaptations of 'direct pathway' spiny projection neurons in experimental Parkinsonism and L-DOPA-induced dyskinesia
16	Filice	Federica	Putative role of parvalbumin in autism spectrum disorders
17	Fossati	Giuliana	Reduced levels of SNAP-25 increase PSD-95 mobility and impair spine morphogenesis
18	Frola	Elena	GABAergic synapses on oligodendrocyte precursors: characterization and role of synaptic components in the postnatal cerebellum
19	Gao	Zhenyu	Interactions between specific CaMKII subtypes and GABAB-receptors control long-term potentiation at inhibitory synapses
20	Gerosa	Laura	Characterization of the interaction between the EFMR protein PCDH19 and the SK3 channel in hippocampal neurons
21	Giam	Louise	Elucidating protein function from calcium activity: a screen of leucine-rich repeat family transmembrane proteins
22	Gokce	Ozgun	Elucidating protein function from calcium activity: a screen of the Ig superfamily transmembrane proteins
23	Gottmann	Kurt	Transsynaptic modulation of the synaptic vesicle cycle by synaptic adhesion molecules
24	Guarnieri	Fabrizia Claudia	Identification of a novel missense mutation in the SYN1 gene associated with X-linked intellectual disability: effects on the synaptic vesicle life cycle
25	G�m�s-Akay	G�vem	Expression of solute carrier genes NHE6 (SLC9A6) and NHE9 (SLC9A9) as indicators of disturbed endosomal functioning in deficit schizophrenia
26	Harvey	Robert Justin	Startle disease – a glycinergic synaptopathy
27	Hotulainen	Pirta Elina	Dendritic spines are nucleated by MIM induced membrane curvature
28	Huang	Wei	The novel complex mTORC2 controls actin polymerization required for consolidation of long-term memory
29	Imig	Cordelia	Ultrastructural and functional analysis of synaptic vesicle docking and priming
30	Ince Dunn	Gulayse	Neuronal ELAVL RNA binding protein regulation of alternative splicing and neuronal excitability
31	Jantas	Danuta	The neuroprotective potency of mGluR III ligands against glutamate toxicity: the impact of developmental stage and presence of glia cells
32	Kasugai	Yu	Fear learning induces structural and functional plasticity at GABAergic synapses in the basolateral amygdala
33	Kress	Vanessa	Biochemical characterization of the gephyrin interaction with dynein light chain
34	Kuzniewska	Bozena	Serum response factor (SRF) regulates expression of lipocalin 2 in the kainic acid model of aberrant synaptic plasticity
35	La Montanara	Paolo	First insights on the signaling pathways related to CDKL5 regulation and on its possible involvement in synaptic plasticity
36	Lauri	Sari	Developmental switch in the kinase dependency of LTP depends on expression of the GluA4 subunit of AMPA-receptors
37	Leacock	Sophie	A novel zebrafish mutant with defective escape behaviour caused by a mutation in a DEAH-box RNA helicase gene regulating glycine receptor expression
38	Li	Yan	Characterization of synapse development and synaptic transmission in mice lacking the synaptic adhesion-like molecule 3 (SALM3)
39	Li	Lili	NOS1AP mediates excitotoxic neurodegeneration triggered by NMDA receptor-nNOS signalling
40	Liebscher	Sabine	Chronic $\gamma$ -secretase inhibition reduces amyloid plaque-associated instability of pre- and postsynaptic structures
41	Lipstein	Noa	Dynamic Control of Synaptic Plasticity by Calcium-Calmodulin-Munc13-1 Signaling
42	Lopes	Sofia	Stress-triggered synaptic malfunction: a gate along the path from depression to dementia
43	Ludwig	Anastasia	KCC2 regulates actin dynamics in spines via interaction with betaPIX
44	Magno	Lorenza	Profiling synaptic molecules in cortical inhibitory neurons.
45	Man	Kwun-Nok Mimi	The Role of Munc13 Isoforms in Regulating Large Dense Core Vesicle Exocytosis in Chromaffin Cells
46	Mishra	Archana	Genetic evidence for the adhesion protein IgSF9/Dasm1 to regulate inhibitory synapse development independent of its intracellular domain
47	Montani	Caterina	The X-linked intellectual disability protein IL1RAPL1 regulates dendritic arborization and excitatory pre-synapse formation
48	Nithianantharajah	Jess	Genetic interaction of disease-relevant genes modulates selective components of cognition in touchscreen assays
49	Pasciuto	Emanuela	Dysregulated Amyloid Precursor Protein mRNA translation affects spine morphology in Fragile X Syndrome
50	Pereira Frias	C�tia Sofia	Two-photon microscopy of dynamic changes in inhibitory axonal boutons induced by Sema4D
51	Pernet Gallay	Karin	Synaptic deficiency of MAP6 KO neurons observed by transmission electron microscopy
52	Ramos Brossier	Mariana	Role of interleukin 1 receptor accessory protein- like 1 in synaptic function
53	Reijmers	Leon	Genome-wide analysis of ribosome-bound mRNA from activated dendrites
54	Roth	Fabian Christoph	Activity-dependent effects of intracellular GABA concentration on fast inhibitory synaptic transmission
55	Sampathkumar	Charanya	Role of MeCP2 in synapse formation and maintenance
56	Schreiber	Jadwiga	Cell specific mechanisms of RASopathies
57	Stamenkovic	Vera	The effect of enriched environment on synaptic coverage in the cerebellum of tenascin-c deficient mice

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58	Urban	Inga	Acetyltransferase Kat5/Tip60 Regulates Expression of Synaptic and Immediate-Early Genes in the Murine Hippocampus
59	Vargas-Caballero	Mariana	Understanding the role of tau protein in amyloid beta-mediated inhibition of synaptic plasticity
60	Vicidomini	Cinzia	Differentiated neurons from human iPS as a new model to study synaptic alterations in patients affected by Phelan McDermid Syndrome (PMS)
61	Vogl	Annette	The Nedd8 pathway controls dendritic spine maturation and stability: critical role of PSD-95 Neddylation
62	Von Engelhardt	Jakob	CKAMP44 modulates AMPA receptor gating and synaptic receptor number via distinct protein domains
63	Waseem	Tatsiana	Non-invasive monitoring GABAA receptors-mediated changes of intracellular chloride levels
64	Weise	Alexandra	Interaction of several acid-base regulating proteins with Carbonic Anhydrase II
65	Wittenmayer	Nina	Molecular mechanisms of active zone assembly
66	Woznicka	Olga	Formation of double-synapse spines containing spine apparatus during associative learning in mouse barrel cortex