Neuroscience Symposium 2016
"Nature and Nurture in Brain Functions"
Annual Scientific Conference of the Hong Kong Society of Neurosciences
18/5/2016

Number	Name	Institution	Title
P1	ASTHANA Pallavi	City University of Hong Kong	CHRONIC EXPOSURE TO PACIFIC CIGUATOXIN-1 DELAYS MOTOR FUNCTIONAL RECOVERY AND REDUCES MOTOR CORTEX NEURONAL ACTIVITY AFTER PERIPHERAL NERVE INJURY
P2	ASTHANA Pallavi	City University of Hong Kong	A SMALL HEAT SHOCK PROTEIN PROTECTS AGAINST GUILLAIN-BARRÉ SYNDROME IN MICE
P3	AU Ngan Pan Bennett	City University of Hong Kong	NOVEL STRATEGY FOR PROMOTING AXONAL REGENERATION AND REPAIR IN THE NERVOUS SYSTEMS
P4	CAI Sa	The University of Hong Kong	SMALL MOLECULE APPROACH TO DIFFERENTIATION OF HUMAN INDUCED PLURIPOTENT STEM CELLS TO SENSORY NEURONS
P5	CHAN Hei Lok	The University of Hong Kong	THE KINESIN MOTOR PROTEIN KIF5B REGULATES RNA TRAFFICKING AND DENDRITIC SPINE MORPHOLOGENESIS IN HIPPOCAMPAL NEURON
P6	CHAN King Hang	The Hong Kong University of Science and Technology	STRUCTURAL INSIGHTS INTO SUBTYPE SELECTIVITY OF HUMAN MELATONIN RECEPTOR
P7	CHAN Ngai Man Jackie	The Hong Kong Polytechnic University	REPEATED TACTILE STIMULATION PROMOTES HIPPOCAMPAL NEUROGENESIS AND REDUCES DEPRESSION-LIKE BEHAVIORS
P8	DU Lida	The Chinese University of Hong Kong	A PUTATIVE MECHANISM FOR THE DEVELOPMENT OF REM SLEEP BEHAVIOR DISORDER IN A CHRONIC MODEL OF PARKINSON'S DISEASE
P9	DUAN Zhigang	The University of Hong Kong	KINESIN-1 REGULATES EXTRASYNAPTIC NMDAR TARGETING AND ITS REDUCTION CAN CONFER NEUROPROTECTION
P10	FENG Rui	The University of Hong Kong	ROLE OF DELETED IN LIVER CANCER 2 (DLC2) IN DIABETES-ASSOCIATED NEUROPATHY
P11	GONG Fei	The Hong Kong University of Science and Technology	MC4R ACTIVATION ALLEVIATES AMYLOID-BETA–INDUCED SYNAPTIC DYSFUNCTION
P12	HAN Lei	The University of Hong Kong	MANIPULATION OF DIFFERENT CORTICAL NEURON SUBTYPES WITH OPTOGENETICS
P13	HAU Wing Fung	The University of Hong Kong	DYNAMICS OF CHONDROITIN SULFATION IN THE RAT BRAIN DURING DEVELOPMENT AND VESTIBULAR COMPENSATION
P14	HE Wei	The Hong Kong University of Science and Technology	DIFFFUSION DYNAMICS OF ACHR RECEPTORS ON LIVE MUSCLE CELL MEMBRANE
P15	HUANG Chunxia	The University of Hong Kong	THE ROLE OF TAU PROTEIN AND INFLAMMATION WIHIN COGNITIVE DYSFUNCTION INDUCED BY LAPAROTOMY IN YOUNG ANIMAL
P16	JIANG Yuan	The University of Hong Kong	OREXIN MODULATES INHIBITORY SYNAPTIC TRANSMISSION OF VESTIBULAR NUCLEAR NEURONS IN RATS
P17	KUMAR Gajendra	City University of Hong Kong	ABLATION OF TRANSCRIPTION FACTOR IN CEREBELLAR PURKINJE CELLS DELAYS MOTOR FUNCTIONAL RECOVERY AFTER PERIPHERAL NERVE INJURY
P18	DUKHINOVA Marina	The Chinese University of Hong Kong	INTERACTION OF PLATELETS WITH BRAIN-SPECIFIC GLYCOLIPIDS PROMOTES NEUROINFLAMMATION DURING TRAUMATIC BRAIN INJURY
P19	KWOK Lam Fung	The University of Hong Kong	COMBINATION OF UNIAXIALLY ALIGNED CHITOSAN NANOFIBER AND IMMOBILIZED CHONDROITINASE ABC IMPROVES AXONAL REGROWTH
P20	LAM Tsz Fung Ulysses	The University of Hong Kong	MODULATORY EFFECTS OF OREXIN ON THE FUNCTIONAL MATURATION OF CENTRAL VESTIBULAR SYSTEM IN MOTOR COORDINATION AND SPATIAL RECOGNITION
P21	LEE Chia Di	The University of Hong Kong	MOTOR TRAINING REDUCES PSYCHOMOTOR RETARDATION VIA GLIOGENESIS IN RATS WITH DEPRESSION-LIKE BEHAVIOUR
P22	LI Feimi	Fudan University	HEPCIDIN AS A POTENTIAL PROGNOSTIC BIOMARKER OF PARKINSON'S DISEASE
P23	LI Lisha	The Chinese University of Hong Kong	THE ROLES OF PTEN PDZ-BD DOMAIN IN NEURONAL FUNCTION AND ALZHEIMER'S DISEASE
P24	LI Yi	The Chinese University of Hong Kong	ELECTROPHYSIOLOGICAL PROPERTIES OF MOUSE PRIMARY MOTOR CORTEX NEURONS BY *IN VIVO* WHOLE-CELL PATCH-CLAMP RECORDING
P25	LI Zonghua	The University of Hong Kong	AXONAL TRAFFICKING OF HEPARANASE 1
P26	LIANG Tuo	The Chinese University of Hong Kong	HMGB1 AMELIORATES IRON ACCUMULATION AND DOPAMINERGIC NEURON LOSS IN LPS-INDUCED INFLAMMATION
P27	LIANG Zhuoyi	The Hong Kong University of Science and Technology	THE PSEUDOKINASE CaMKv IS REQUIRED FOR THE ACTIVITY-DEPENDENT MAINTENANCE OF DENDRITIC SPINES
P28	LIAO Boya	The University of Hong Kong	THE ROLE OF ADIPOCYTE FATTY ACID BINDING PROTEIN IN ISCHEMIC STROKE

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P29	LIN Lianfeng	The University of Hong Kong	THE EPILEPSY AND INTELLECTUAL DISABILITY-RELATED GENE TBC1D24 ENCODES A NOVEL SYNAPTIC PROTEIN THAT REGULATES DENDRITIC SPINE MORPHOGENESIS IN NEURON
P30	LIU Yuehong	The Chinese University of Hong Kong	THE ROLE OF TRANSFERRIN RECEPTOR 2 IN THE PATHOGENESIS OF PARKINSON’S DISEASE
P31	LIU Yao-Wu	The Chinese University of Hong Kong	EFFECTS AND MECHANISMS OF SARSASAPOGENIN ON AB PRODUCTION IN HT-22 CELLS CULTURED WITH HIGH GLUCOSE
P32	LO Louisa Hoi-Ying	The University of Hong Kong	A POTENTIAL ROLE OF NMDA RECEPTOR-DEPENDENT EXPRESSION OF STRIATIN-4 IN DENDRITIC SPINE MATURATION
P33	LUI Nga Chu	The Chinese University of Hong Kong	LHX1/5 CONTROL DENDRITOGENESIS AND SPINE MORPHOGENESIS OF PURKINJE CELLS VIA REGULATION OF ESPIN
P34	LUO Dan	The University of Hong Kong	PLANT-DERIVED PENTACYCLIC TRITERPENOID CELASTROL ATTENUATES OXYGEN GLUCOSE DEPRIVATION-INDUCED DISRUPTION OF ENDOTHELIAL TIGHT JUNCTION VIA INDUCING THE EXPRESSION OF OCCLUDIN, CLAUDIN-5 AND ZO-1
P35	MU Mingdao	The Chinese University of Hong Kong	NEUROPROTECTIVE EFFECTS OF GSK-J4 AGAINST OXIDATIVE STRESS IN PARKINSON’S DISEASE MODEL
P36	NG Hei Lui Lhotse	The University of Hong Kong	ALTERED DENDRITIC SPINE PLASTICITY IN A MOUSE DEPRESSION MODEL
P37	PENG Rongchao	The Chinese University of Hong Kong	AN AUTOMATED APPARATUS FOR STIMULUS-REWARD BEHAVIORAL STUDIES IN RODENTS
P38	RAO Yanxia	The University of Hong Kong	DLC1, A RHO GTPASE-ACTIVATING PROTEIN, IS ESSENTIAL FOR CRANIAL NEURAL CREST DEVELOPMENT
P39	RAZA Chand	City University of Hong Kong	TARGETED DELIVERY OF ANTRODIN B-LOADED POLY (LACTIC-CO-GLYCOLIC ACID) NANOPARTICLES TO NEURONS PROMOTES FUNCTIONAL RECOVERY AFTER PERIPHERAL NERVE INJURY
P40	SHAH Anuri	The University of Hong Kong	THE EFFECT OF OXYRESVERATROL ON ENDOPLASMIC RETICULUM STRESS IN PARKINSON’S DISEASE.
P41	TAI Chi Pang	The University of Hong Kong	HNRNPA1 IS CRUCIAL FOR THE SURVIVAL OF NEURAL PROGENITORS IN MOUSE DEVELOPING SPINAL CORD
P42	TAM Kin-Wai	The University of Hong Kong	CHONDROITIN SULPHATE-DERIVED DISACCHARIDES: A POTENTIAL DRUG FOR AXONS REGROWING ACROSS THE GLIAL SCAR
P43	TONG Chun Kit Benjamin	The University of Hong Kong	GAMMA-SECRETASE CLEAVES STROMAL INTERACTION MOLECULE 1 INDUCES CAPACITATIVE CALCIUM ENTRY DEFICITS IN FAMILIAL ALZHEIMER’S DISEASE
P44	VIRWANI Preeti Dinesh	The University of Hong Kong	ROLE OF EXCHANGE PROTEIN DIRECTLY ACTIVATED BY CAMP 1 & 2 (EPAC1 &EPAC2) IN INFLAMMATORY PAIN
P45	VONG Keng Ioi	The Chinese University of Hong Kong	*SOX9* IS CRITICAL FOR SUPPRESSION OF NEUROGENESIS BUT NOT INITIATION OF GLIOGENESIS IN THE CEREBELLUM
P46	WONG Chi Wai	The Chinese University of Hong Kong	CHARACTERIZATION OF GERMLINE PTEN MISSENSE MUTATIONS ASSOCIATED WITH AUTISM SPECTRUM DISORDERS
P47	WU Lap Kei Kenneth	The University of Hong Kong	ASTROCYTIC REGULATION OF PERINEURONAL NET FORMATION
P48	WU Yawen	The Hong Kong University of Science and Technology	FUNCTIONAL ASSESSMENT OF MT_2 MELATONIN RECEPTOR VARIANTS THAT ARE ASSOCIATED WITH TYPE 2 DIABETES
P49	YAN Yik Chun Leo	The Chinese University of Hong Kong	DOPAMINERGIC TREATMENT PROMOTES MOTOR RECOVERY AND IMPROVES PERILESIONAL PLASTICITY AFTER ISCHEMIC STROKE
P50	ZHANG Zhigang	The University of Hong Kong	CIRCULATING MICRORNAS IN PLASMA AS NOVEL BIOMARKERS FOR ALZHEIMER’S DISEASE