

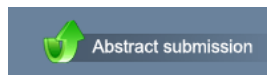
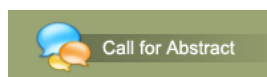
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## Monday June 6

### Poster Session 1 (20:00-22:00)

#### Theme 1: Genetics, Molecular and Cellular Mechanisms of Neurodegeneration

Presenter Name	Time & Place	Title
Hairong Liang	June 6, Hall 1-001	Poly (ADP-ribose) polymerase-1 gene polymorphism in various Chinese nationalities
Cailing Lu	June 6, Hall 1-002	Effects of taurine on spational study and memory of rat induced by acute MnCl <sub>2</sub>
Rongzhu Lu	June 6, Hall 1-003	Neurotoxicity of acrylonitrile: potential protectants
Licheng Yan	June 6, Hall 1-004	Lead exposed affected serum ceruloplasmin activity in occupational workers
Stefano Bellucci	June 6, Hall 1-005	In vitro and in vivo toxicology and biology of carbon nanotubes and buckypaper: a perspective in occupational medicine
Akinori Akaike	June 6, Hall 1-006	Neuroprotective effects of nicotine and acetylcholinesterase inhibitors against excitotoxicity
Tongjian Cai	June 6, Hall 1-007	The role of erk mapk in manganese-induced tau hyperphosph-orylation in pc12 cells
Yuan Cai	June 6, Hall 1-008	Lanthanum chloride exposure increases levels of d-serine and alters expression of nmdar subunits in the hippocampus and cerebral cortex of rats
Honglei Che	June 6, Hall 1-009	Effects of resveratrol on Lead-Exposed PC-12 Cells
Ting Yao	June 6, Hall 1-010	Manganese induces the overexpression of $\alpha$ -synuclein in pc12 cells through the activation of erk mapk pathway
Kejun Du	June 6, Hall 1-011	Human lipopolysaccharide-responsive gene HLRP: characterization of the coding sequence and stimulation of expression by LPS and TNF- $\alpha$
Ingrid Falnoga	June 6, Hall 1-012	Arsenic trioxide and metallothionein gene expression in human glioblastoma (cell line U87 MG)
Xiaoying Han	June 6, Hall 1-013	2,5-hexanedione decrease the content of nf-m and slow nf-m transport in rat drg cells
Hester Hendriks	June 6, Hall 1-014	Modulation of the human $\alpha$ 4 $\beta$ 2 nicotinic acetylcholine receptor by brominated and alternative flame retardants
Harm J. Heusinkveld	June 6, Hall 1-015	Mixture effects of persistent organochlorine insecticides on intracellular Ca <sup>2+</sup> homeostasis in rat pc12 cells
Xiaofeng Huang	June 6, Hall 1-016	Rotenone-induced dopaminergic neuron apoptosis via mitochondrial oxidative stress
Ailing Ji	June 6, Hall 1-017	N-3 pufas can inhibit lps-induced dopaminergic neurotoxicity through the inhibition on microglia activation
Shoufang Jiang	June 6, Hall 1-018	Interaction effect of fluoride and arsenic on learning and memory function of rats
Kevin Kanthasamy	June 6, Hall 1-019	Resveratrol protects against dopaminergic neurotoxicity by modulating the pkc $\delta$ apoptotic signaling pathway and microglial activation
Bin Li	June 6, Hall 1-020	Study on mechanism of Damage and repairmen in peripheral nervous system induced by acrylamide



Guojun Li	June 6, Hall 1-021	Peptidome, proteome and manganese-related differential proteome in murine choroid lexis-cerebrospinal fluid system
Xiaobo Li	June 6, Hall 1-022	Aluminum oxide induced beta-amyloid precursor protein expression in rat livers
Bin Liu	June 6, Hall 1-023	Effects of Shenxionghuayu capsule on learning and memory: The role of NF- $\kappa$ B p65 in the CA1 area of hippocampus in vascular dementia rats
Jing Liu Pope	June 6, Hall 1-024	Acrylamide (acr) and n-isopropylacrylamide (nipa) increase acetylcholine release in rat striatal slices
Linhua Liu	June 6, Hall 1-025	Mir-22 functions as a micro-oncogene in transformed human bronchial epithelial cells induced by anti-benzo[a]pyrene-7,8-diol-9,10-epoxide
Anna L Choi	June 6, Hall 1-026	Association of prenatal exposure to methylmercury and n-3 fatty acids with neurobehavioral test performance at ages 7 and 10 years
Zhijun Zhou	June 6, Hall 1-027	Reduction of vmat2 gene expression in pc12 cells induced by paraquat
Jisheng Nie	June 6, Hall 1-028	Benzo(a)pyrene induces neuron apoptosis by upregulating Bax and downregulating Bcl-2
Piye Niu	June 6, Hall 1-029	Glycogen synthase kinase 3 beta (gsk-3 $\beta$ ) alterations in sh-sy5y: its role in manganese induced apoptosis
Qiao Niu	June 6, Hall 1-030	Alternative cell death pathway of primary cultured neural cells induced by nano-alumina
Chaoyan Ou	June 6, Hall 1-031	Manganism and sodium para-aminosalicylic acid treatment. Ii. Effect of pas-na on concentrations of amino acid neurotransmitters in basal ganglia of manganese-exposed rats
Fengyuan Piao	June 6, Hall 1-032	Arsenic down-regulates the expression of thyroid hormone receptor (tr) $\beta$ 1 gene related to regulation of camk4 transcription in brain of mice
Carey Pope	June 6, Hall 1-033	Effects of chlorpyrifos on cholinergic signs, cholinesterase and hippocampal acetylcholine release in wildtype and cannabinoid cb1 knockout mice
Rui Ren	June 6, Hall 1-034	Effect of $\beta$ -amyloid (25-35) on mitochondrial function and expression of mitochondrial permeability transition pore proteins in rat hippocampal neurons
Xuefeng Shen	June 6, Hall 1-035	Pi3k/akt signaling pathway is involved in lead induced blood-retinal barrier disruption
Peter Spencer	June 6, Hall 1-036	Genotoxic probe reveals links between dna damage, neurodegeneration and cancer
Deliang Tang	June 6, Hall 1-037	The role of mbdnf in the neurodevelopment of children prenatally exposed to environmental pahs
Qiang Wang	June 6, Hall 1-038	Inhibition of voltage-gated sodium channels by bisphenol a in mouse dorsal root ganglion neurons
Guangwei Xing	June 6, Hall 1-039	Activation of Nrf2-keap1-ARE pathway by Curcumin protects against acrylonitrile toxicity in rats
Yu Xiong	June 6, Hall 1-040	Toxicogenomics in the Brain: Cerebellar Development and Plasticity Dependence upon Thyroid Hormone in the L7-3HA-Mfl Transgenic Mouse
Jinghua Yang	June 6, Hall 1-041	Effects of lanthanum chloride on excitatory amino acids levels, intracellular calcium concentration and caspase expression in the hippocampus of rats
Ruihua Yang	June 6, Hall 1-042	Diabetes impairs learning performance through affecting membrane excitability of hippocampal pyramidal neurons
Lin Yao	June 6, Hall 1-043	Blood-cerebrospinal fluid barrier as a target site of acrylamide intoxication
Arthi Kanthasamy	June 6, Hall 1-044	Signaling cross-talk between ubiquitin-proteasome dysfunction, mitochondrial dysfunction and autophagy in a neurotoxicity model of dopaminergic degeneration
Sufang Yu	June 6, Hall 1-045	Acrylamide increase protein kinase c and calmodulin in rats
GenSheng Zhang	June 6, Hall 1-046	Lead induces neuropathological changes through the activation of the calpain-calcein pathway in hippocampal axis of the rat brain
Jianbin Zhang	June 6, Hall 1-047	The role of autophagy in manganese-induced injury of dopaminergic neurons
Jun Zhang	June 6, Hall 1-048	Decreased axonal density and altered expression profiles of axonal guidance genes underlying lead (Pb) neurodevelopmental toxicity at early embryonic stages in the zebrafish
Lingyi Zhang	June 6, Hall 1-049	Effects of 1-bromopropane exposure on monoamine levels in brain and hippocampal brain-derived neurotrophic factor expression in rats
Yanshu Zhang	June 6, Hall 1-050	Spinal cord myelin: an early target site of acrylamide intoxication, and the involvement, of mag and nrg1

Fang Zhao	June 6, Hall 1-051	p21 induction by manganese is essential for its cell cycle arrest effect in PC12 cells
Jinping Zheng	June 6, Hall 1-052	Sub-chronically exposure benzo[a]pyrene inhibiting the level of heat shock protein 70 in rat hippocampal
Jian Zhou	June 6, Hall 1-053	Lycium Barbarum L. on CA3 Region of Hippocampal Neurons in Rats of Chronic Psychological Stress
Shaoyu Zhou	June 6, Hall 1-054	Role of nrf2/skn-1 dependent and er stress proteins in c. Elegans models of parkinson's disease and manganism
Yu Zhou	June 6, Hall 1-055	Isothiocyanate induces apoptosis in mouse embryonic stem cells of differentiation into neuronal, a putative mechanism of its embryotoxicity

**Theme 5: Epidemiology Meets Neurotoxicology and Exposure Sciences**

Presenter Name	Time & Place	Title
Frederica Perera	June 6,Hall 1-057	Effects of prenatal polycyclic aromatic hydrocarbon (PAH) exposure and environmental tobacco smoke (ETS) on children in a Chinese cohort
WK Anger	June 6,Hall 1-058	Behavioral deficits in egyptian application teams with chronic organophosphorus pesticide exposures
Manal Ahmad El-Batanony	June 6,Hall 1-059	Neurobehavioral performance among tobacco industry workers
Tao Ke	June 6,Hall 1-060	The relationships of blood nutritional metals and lead in the rural kids in china, a pilot study
Anders Iregren	June 6,Hall 1-061	The swedish occupational exposure limit of styrene will be reduced by 50%
Man-Joong Jeon	June 6,Hall 1-062	Neurobehavioral performance on the residents of taean in korea, exposed to the hebei spirit oil spill
Ana Maria Mora	June 6,Hall 1-063	Prenatal manganese exposure and fetal growth in infants living in the vicinity of banana plantations in limón, costa rica
Gill Nelson	June 6,Hall 1-064	Research capacity development in south african mn mines to bridge exposure and pathologic outcomes
Angelo Ostrea	June 6,Hall 1-065	Epidemiology of extremely high lead exposure in filipino children
Gaafar M Abdel Rasoul	June 6,Hall 1-066	Behavioral conduct disorders among egyptian primary school children: prevalence and predictors
Hae-Kwan Cheong	June 6,Hall 1-067	The effect of blood manganese level and attention deficit/hyperactivity disorder index in early school age children
Maryse Bouchard	June 6,Hall 1-068	Cognitive performance in children exposed to manganese through drinking water

**Wednesday June 8****Poster Session 2 (20:00-22:00)****Theme 2: Exposure, Regulation, and Risk Assessment of Neurotoxicities.**

Presenter Name	Time & Place	Title
Frederic Deschamps	June 8,Hall 1-001	Neurotoxicity at work assessed by a French occupational diseases department
Gunilla Wastensson	June 8,Hall 1-002	Neuromotor function in ship welders after cessation of manganese exposure
Philip J Bushnell	June 8,Hall 1-003	Predicting the acute behavioral effects of toluene inhaled for 24 hrs in rats: dose metrics, metabolism and behavioral tolerance
Neil Zimmerman	June 8,Hall 1-004	An exposure assessment study for a neurotoxicology investigation of environmental exposure to manganese
David C Bellinger	June 8,Hall 1-005	Attention deficit/hyperactivity disorder and urinary metabolites of organophosphate insecticides in u.s. children
Pei Cao	June 8,Hall 1-006	Effects of sub-chronic exposure to Deltamethrin on Neurobehavioral Function of Mice
Wenqiang Chen	June 8,Hall 1-007	Repeated chlorpyrifos exposure induced depressive-like behaviors in adolescent male rats: involvement of neuroendocrine-immune network
Susan Criswell	June 8,Hall 1-008	Reduced uptake of [18f]dopa pet in asymptomatic welders with occupational manganese exposure
Dag Ellingsen	June 8,Hall 1-010	A follow-up study of neurobehavioral functions in

		welders exposed to manganese
Larry Fechter	June 8,Hall 1-011	Sub-chronic exposure to jp-8 jet fuel enhances susceptibility to noise induced hearing loss in rats
Zhenlie Huang	June 8,Hall 1-012	Proteomic analysis of hippocampal protein in f344 rats exposed to 1-bromopropane
Jing Ma	June 8,Hall 1-013	Protection of two endoplasmic reticulum stress inducers against neurotoxicity induced by acrylonitrile in rat astrocytes: a preliminary study
Markku Sainio	June 8,Hall 1-014	Memory and metamemory functioning among patients with occupational exposure to organic solvents
Jato Denis Mbako	June 8,Hall 1-015	Toxicity assessment of the aqueous extract of calotropis procera in rabbits
Ana Miklavcic	June 8,Hall 1-016	Mercury, selenium and arsenic exposure assessment through fish consumption
Mohideen Sahabudeen	June 8,Hall 1-017	Effects of 1-bromopropane exposure on myelination and glia in rat brain
Enrique Ostrea	June 8,Hall 1-018	Fetal exposure to propoxur pesticide and abnormal child neurodevelopment at 24 months
ZhengHong Zuo	June 8,Hall 1-019	Neural defects in sebastiscus marmoratus larvae following embryonic exposure to pyrene
Fuyong Song	June 8,Hall 1-020	Changes of autophagy-related proteins in hen nerve tissues induced by tri-ortho-cresyl phosphate
Kaviarasan Subramanian	June 8,Hall 1-021	Central nervous system toxicity of 1-bromopropane: an oxidative stress hypothesis
Dongren Yang	June 8,Hall 1-022	Chronic exposure of decabrominated diphenyl ether altered growth, development and reproduction in parental zebrafish and locomotion in offspring
Jie Zhang	June 8,Hall 1-023	Array analysis of lasting brain effects from perinatal pesticide exposure
Rong Zhang	June 8,Hall 1-024	The toxic influence of paraquat on hippocampus of mice: involvement of oxidative stress
Xiulan Zhao	June 8,Hall 1-025	Changes of ubiquitinated proteins and proteasome activities in nervous system of rat intoxicated with 2,5-hexanedione
Adeniyi P. A. O	June 8,Hall 1-026	Effects of smoke and ethanolic extract of tobacco (nicotiana tabacum) leaves on the frontal cortex and hippocampus

**Theme 3: Advances in diagnosis, treatment and prevention of neurotoxicity.**

Presenter Name	Time & Place	Title
Fumihiko Kitamura	June 8,Hall 1-027	Support and intervention to employees with early mental health problems in japan
Roberto Lucchini	June 8,Hall 1-028	Validation of hair manganese as an exposure biomarker: analytical considerations and associations with other exposure markers
Lei Zhao	June 8,Hall 1-029	The effect of Ginkgo biloba extract on the damage of myelin protein zero expression induced by 2,5-hexanedione
Jacques Reis	June 8,Hall 1-030	Cytosine arabinoside neurotoxicity: presentation, diagnosis and management
Stephen Brimijoin	June 8,Hall 1-031	Cocaine hydrolase and anti-cocaine antibody combine to reduce cocaine toxicity in mice
Pierre Carpentier	June 8,Hall 1-032	A new use for an old method: the woeelke myelin stain for counting degenerating neurons in the brain
Fayssal M Farahat	June 8,Hall 1-033	Focus group intervention to reduce pesticide exposures among egyptian agricultural workers
Weijun Guan	June 8,Hall 1-034	Is nrg1 a biomarker of acrylamide neurotoxicity?
Yulan Hao	June 8,Hall 1-035	Effect of quercetin on alleviation on nerve damage of rats induced by lead exposure
Helena Hogberg	June 8,Hall 1-036	Application of micro electrode arrays as an emerging technology for developmental neurotoxicity: evaluation of domoic acid-induced effects in primary cultures of rat cortical neurons
Yeon-Cheol Kim	June 8,Hall 1-037	Brain SPECT analysis of chemical inhalant abusers
Hong Liu	June 8,Hall 1-038	Manganism and sodium para-aminosalicylic acid treatment. III. Effects of pas-na on learning memory and expression of gfap positive cells in hippocampus of manganese-exposed rats
Yujie Niu	June 8,Hall 1-039	Protective effects of pre-germinated brown rice diet on low levels of pb-induced learning and memory deficits in developing rat
Shulan Pang	June 8,Hall 1-040	Nrg1 may be a biomarker of Acrylamide neurotoxicity
Akio Suzumura	June 8,Hall 1-041	A novel strategy against microglia-induced neurodegeneration
Guy Testylier	June 8,Hall 1-042	Effect of delayed ketamine/atropine treatment on the metabolic changes associated with soman-induced status epilepticus : A proton HRMAS NMR and histological study on mouse brain.
Fang Wang	June 8,Hall 1-043	Manganism and sodium para-aminosalicylic acid treatment. IV. Intervention effects of pas-na on manganese-induced damage of rat hippocampal neurons in vitro study
Shuhua Wang	June 8,Hall 1-044	Differential protection of pre- and post-treatment of Trolox, N-acetylcysteine and curcumin against acrylonitrile neurotoxicity in primary rat astrocytes
Suhua Wang	June 8,Hall 1-045	Therapeutic potential of CYP2E1 inhibitor combined N-acetyl-cysteine in acute acrylonitrile intoxication in rats
Xuesheng Wang	June 8,Hall 1-046	Calcium homeostasis disorder in NB-1 cell line following acrylamide treatment
Zhaofa Xu	June 8,Hall 1-047	Effects of MK-801, Taurine and Riluzole on Neurotoxicity Caused by Methylmercury in Rats
Baoxu Zhang	June 8,Hall 1-048	Protective effect of 1,3-diphenyl-1,3-propanedione on liver toxicity and neurotoxicity induced by cocaine in mice
Tianjia Liang	June 8,Hall 1-049	Manganism treated with pas-na: i. clinical therapeutic effect of chronic manganism treated with sodium para-aminosalicylic acid

**Theme 4: Behavioral neurotoxicity testing in the 21st century.**

Presenter Name	Time & Place	Title
Joon Sakong	June 8,Hall 1-050	Evaluation of reliability of computerized neurobehavioral tests in Korean children
Joon Sakong	June 8,Hall 1-051	Reliability of Neurobehavioral Performance Tests by Farmers on Pesticide Use in Korea
Lisha Kang	June 8,Hall 1-052	Study on neurobehavioral functions of workers exposed to trimethyltin chloride utilizing Neurobehavioral Core Test Battery (NCTB)
Masashi Hasegawa	June 8,Hall 1-053	Developmental thyroid hormone insufficiency alters the amplitude of the acoustic startle response in rats
Hiroimi Wada	June 8,Hall 1-054	Perinatal hypothyroid rats easily choose non-delayed smaller rewards rather than delayed larger rewards
Ahmed Ismail	June 8,Hall 1-055	Evaluating testing system transitions: correlation of bars tests on different operating systems
Jingjuan Ju	June 8,Hall 1-056	Evaluation of automatic behavioral defects induced by microcystin-Lr exposure in nematode <i>Caenorhabditis elegans</i>
Yijun Wu	June 8,Hall 1-057	Chlorpyrifos and carbaryl exhibit different effects in various nervous tissues of rats
Anna Price	June 8,Hall 1-058	Application of micro electrode arrays (meas) as an emerging technology for developmental neurotoxicity: evaluation of domoic acid-induced effects in primary cultures of rat cortical neurons
Xiance Sun	June 8,Hall 1-059	Application of a new learning behavioral assay in mice under social environment
Yan Tang	June 8,Hall 1-060	Distribution of benzo[a]pyrene in discrete regions of rat brain tissue using light microscopic autoradiography and gamma counting
Janye Wright	June 8,Hall 1-061	Peripheral Neuropathy in an Extended One Generation Reproductive Toxicity Test with Lead Acetate

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