

## 各賞受賞者 List of the Awardees

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### 時實利彦記念賞 Tokizane Award

■藤田 一郎 (Ichiro Fujita)

大阪大学大学院 生命機能研究科

Osaka University Graduate School of Frontier Biosciences

Session NO : TZ

Title : 両眼立体視 : 2つの目と2つの皮質経路でみる3D世界

Stereopsis: 3-D Perception with Two Eyes and Two Cortical Pathways

### 塚原仲晃記念賞 Tsukahara Award

■水島 昇 (Noboru Mizushima)

東京医科歯科大学大学院 医歯学総合研究科 細胞生理学分野

Department of Physiology and Cell Biology, Tokyo Medical and Dental University

Session NO : TH

Title : オートファジーによる細胞内分解の役割

Role of Autophagy in Intracellular Degradation

### 日本神経科学学会奨励賞 JNS Young Investigator Award

■花川 隆 (Takashi Hanakawa)

国立精神・神経センター 神経研究所 疾病研究第七部

Department of Cortical Function Disorders, National Institute of Neuroscience, National Center of Neurology and Psychiatry

高次運動制御と認知制御を介在する神経機構の解明

Mapping of neural architecture bridging movement and cognition

■笠井 清登 (Kiyoto Kasai)

東京大学大学院 医学系研究科 精神医学

Department of Neuropsychiatry, Graduate School of Medicine, University of Tokyo

神経画像・神経生理計測による精神疾患の脳病態解明

Neuroimaging and neurophysiological investigations into psychiatric disorders

■松田 信爾 (Shinji Matsuda)

慶應義塾大学 医学部 生理学教室

Department of Physiology, School of Medicine, Keio University

グルタミン酸受容体の細胞内輸送機構

Mechanism for the intracellular trafficking of glutamate receptors

■中塚 映政 (Terumasa Nakatsuka)

佐賀大学 医学部 生体構造機能学講座 神経生理学分野

Department of Physiology, Faculty of Medicine, Saga University

難治性疼痛の発生機序ならびに新規鎮痛法の解明

Cellular mechanisms for chronic pain and development of new methods for analgesia

■大塚 稔久 (Toshihisa Ohtsuka)

富山大学大学院 医学薬学研究部 臨床分子病態検査学講座

Department of Clinical and Molecular Pathology, Graduate School of Medicine/Faculty of Medicine, University of Toyama

神経終末アクティブゾーンの分子構造基盤の解明

Molecular anatomy of the presynaptic active zone

## トラベルアワード受賞者 List of the Travel Awardees

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### ■Amir-Mohammad Alizadeh (Iran)

Neuroscience Research Center, Shahid Beheshti Medical Science University, Teheran, Iran

Session NO : P3-t10

Title : Effects of the fruit essential oil of *cuminum cyminum* on development of morphine tolerance and dependence in mice

### ■Phalguni Alladi (India)

Department of Neurophysiology, National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore, India

Session NO : P3-r09

Title : Preservation of nigral neurons in asian indians : Relevance to lower incidence of Parkinson's disease

### ■Reyaz Ansari (India)

Developmental Toxicology Division, Indian Institute of Toxicology Research (Previously known as I.T.R.C.), Lucknow, India

Session NO : P3-p07

Title : Developmental neurobehavioral toxicity of lambda cyhalothrin

### ■Navin Gupta Cota (U.K.)

Brain Computer Interface (BCI) labs, Department of Computing and Electronic Systems, University of Essex, Essex, U.K.

Session NO : O2-C16

Title : Enhanced target detection using P300 and gamma band analysis

### ■Sahar Farajnia (Iran)

Neuroscience Research Center and Physiology, Shahid Beheshti Medical Science University, Teheran, Iran

Session NO : P3-b03

Title : Anti-epileptiform effect of the ethanolic extract of *artemisia dracunculus* L. on pentylenetetrazol epileptogenesis in snail neuroes

### ■Inga Fedotova (Ukraine)

Department of Neurology, Sytenko Institute of Spine and Joints Pathology, Kharkov, Ukraine

Session NO : P3-v09

Title : Magnetic resonance imaging in patients with painful lumbar stenosis undergoing lumbar epidural injections.

■ **Sungji Ha (Korea)**

Department of Pharmacology, College of Medicine, Seoul National University, Seoul, Korea

Session NO : P3-r01

Title : Intracellular domains of amyloid precursor-like protein 2 interact with CP2 transcription factor in the nucleus and induce glycogen synthase kinase-3 $\beta$  expression

■ **Tae-Young Ha (Korea)**

College of Medicine, Seoul National University, Seoul, Korea

Session NO : P3-r02

Title : Altered gene expression profiles in APPV717I-CT100 transgenic mice

■ **Hashem Haghdoost-Yazdi (Iran)**

Faculty of Medicine, Qazvin University of Medical Sciences, Qazvin, Iran

Session NO : P3-c09

Title :  $\alpha$ 1- adrenergic agonists augment miniature excitatory synaptic currents in the cortical pyramidal neurons

■ **Li-Fang Hu (Singapore)**

Yong Loo Lin School of Medicine, National University of Singapore, Singapore

Session NO : P3-r07

Title : Hydrogen sulfide inhibits rotenone-induced apoptosis via preservation of mitochondrial function

■ **Karen Wy Hung (Hong Kong)**

Department of Biology, Hong Kong Baptist University, Kowloon Tong, Hong Kong

Session NO : P3-r12

Title : Development of dopaminergic neurons in zebrafish : a model of Parkinson's disease

■ **In Koo Hwang (Korea)**

Department of Anatomy and Cell Biology, Seoul National University, Seoul, Korea

Session NO : P3-q20

Title : Comparison of GAD67 and parvalbumin positive neurons in the hippocampal CA1 region at various age in dogs

■ **Rajpal Kashyap Singh (India)**

Central India Institute Of Medical Scinces, Nagpur, India

Session NO : P3-u11

Title : Evaluation of inflammatory response in the serum sample of acute ischemic stroke patients

■ **Guzal Khodjaeva (Uzbekistan)**

Neonatal Intensive Care Unit, Science Research Institute of Obstetrics and Gynecology, Tashkent, Uzbekistan

Session NO : P3-u09

Title : Correlation between sonographic and biochemical data of cerebral ischemia in preterm newborns

■ **Jenny Lackovic (Australia)**

Howard Florey Institute, University of Melbourne, Melbourne, Australia

Session NO : P3-u10

Title : Ndfip1 is associated with neuronal protection in vivo following endothelin-1 induced cerebral ischemia

■ **Tyler C. H. Leung (Hong Kong)**

Department of Biology, Hong Kong Baptist University, Kowloon Tong, Hong Kong

Session NO : P3-r11

Title : Antibiotic treatment offers neuroprotection in a rat model of Parkinson's disease

■ **I-Fan Lin (U.S.A.)**

Hearing Research Center, Boston University, Boston, U.S.A.

Session NO : P3-k10

Title : Generalization of auditory spatial adaptation to untrained locations

■ **Cathy N.P. Lui (Hong Kong)**

Department of Biology, Hong Kong Baptist University, Kowloon Tong, Hong Kong

Session NO : P3-r10

Title : Nestin-immunoreactive astrocytes are found in the SN of the 6-OHDA lesioned rat during early stages of lesion

■ **Chu Man Tak (Hong Kong)**

Department of Biology, Hong Kong Baptist University, Kowloon Tong, Hong Kong

Session NO : P3-r05

Title : Neurokinin receptor one agonist offers neuroprotection in cell and animal models of Parkinson's disease

■ **Olivia Tw Ng (Hong Kong)**

Department of Biology, Hong Kong Baptist University, Kowloon Tong, Hong Kong

Session NO : P3-r13

Title : Small interfering RNA specific for N-methyl-D-aspartate receptor two B ameliorates motor symptoms in a rat model of Parkinson's disease

■ **Maryam Noorbakhshnia (Iran)**

Neuroscience Research Center, Shahid Beheshti Medical Science University, Teheran, Iran

Session NO : P2-b05

Title : Effect of chronic morphine on long-term potentiation in dentate gyrus of freely moving rats

■ **Mehdi Ordikhani-Seyedar (Iran)**

Neuroscience Research Center, Shahid Beheshti Medical Science University, Teheran, Iran

Session NO : P3-u02

Title : Inhibition of analgesic response of morphine infusion into the nucleus cuneiformis in absence of nucleus raphe magnus and ventrolateral periaqueductal gray in rat

■ **Yong Ping (P.R.China)**

Institute of Neurobiology, Fudan University, Shanghai, P.R.China

Session NO : P3-k08

Title : Melatonin potentiates rod signal to retinal on bipolar cells

■ **Parvathi Rudrabhatla (U.S.A.)**

National Institutes of Health, Maryland, U.S.A.

Session NO : P3-e02

Title : Pin1 dependent prolyl isomerization modulates the oxidative stress induced phosphorylation of NF- $\kappa$ B and apoptosis

■ **Mohammad Saadatnia (Iran)**

Department of Neurology, Isfahan University of Medical Science, Isfahan, Iran

Session NO : P3-u07

Title : Neuroprotective effects of dextromethorphan in patients undergoing coronary artery bypass grafting : a pilot study

■ **Madhu Sankhwar (India)**

Developmental Toxicology Division, Industrial Toxicology Research Centre, Lucknow, India

Session NO : P1-u15

Title : Prenatal exposure of monocrotophos : effect on neurobehavioral and neurochemical on rat off spring

■ **Anindita Sarkar (India)**

Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai, India

Session NO : P3-h13

Title : Transcriptional regulation in the developing and mature hippocampus

■ **Leila Satarian (Iran)**

Department of Physiology, University of Tarbiat Modares, Tehran, Iran

Session NO : P3-t19

Title : Gene expression changes of enzymes involved in the biosynthesis and degradation of catecholamines following chronic pain and morphine administration

■ **Kavita Seth (India)**

Developmental Toxicology Division, Indian Institute of Toxicology Research (Previously known as I.T.R.C.), Lucknow, India

Session NO : P3-f20

Title : OEC protects NPC via PI3-K/Akt signaling

■ **Sandeep Sharma (India)**

Department of Biotechnology, GND University, Amritsar, India

Session NO : P2-i07

Title : Neuroprotective and neurohormetic effect of dietary restriction against excitotoxicity

■ **Yan Sun (P.R.China)**

Department of Biomedical Engineering, School of Life Science and Biotechnology, Shanghai Jiao Tong University, Shanghai, P.R.China

Session NO : P3-d13

Title : The modulation of Ca<sup>2+</sup>-permeable and Ca<sup>2+</sup>-impermeable AMPA receptors on carp retinal horizontal cells by zinc

■ **Parthiban K. Velayutham (India)**

Neurological Sciences, Christian Medical College, Vellore, India

Session NO : P3-j10

Title : Potential fade of preoperative to postoperative stimulus strength in two anaesthetic regimens in spinal cord tumours using TES-MEP

■ **Kristian Wadel (Germany)**

Research Group Biophysics of Synaptic Transmission, Max Planck Institute for Biophysical Chemistry, Goettingen, Germany

Session NO : P3-c10

Title : Disruption of SNARE proteins alters the kinetics of fast neurotransmitter release at the calyx of Held

■ **Aree Wanasuntronwong (Thailand)**

Interdepartment of Physiology, Chulalongkorn University, Bangkok, Thailand

Session NO : P3-p06

Title : Effects of phyllanthus emblica on memory impairment and neuronal cell death

■ **Rajesh S. Yadav (India)**

Industrial Toxicology Research Centre, Lucknow, India

Session NO : P1-u14

Title : Protective role of curcumin against arsenic induced neurobehavioral toxicity in rat brain

■ **Suk Yu Yau (Hong Kong)**

Department of Anatomy, LSK Faculty of Medicine, The University of Hong Kong, Pokfulam, Hong Kong

Session NO : P2-p11

Title : Differential effect of voluntary exercise on corticosterone treated rats on anxiety-like behavior in open field test and elevated plus maze

■ **Man Zhang (P.R.China)**

School of Life Sciences, Fudan University, Shanghai, P.R.China

Session NO : P3-b02

Title : Flufenamic acid Bi-directionally modulates the transient outward K<sup>+</sup> current in rat cerebellar granule cells

■ **Xin-Jun Zhang (P.R.China)**

Institute of Neurobiology, Institutes of Brain Science, Fudan University, Shanghai, P.R.China

Session NO : P3-k07

Title : Glycine transporter 1 is functionally expressed on bullfrog retinal cone photoreceptors

■ **Tao Zhang (P.R.China)**

Department of Neurobiology, School of Life Sciences, University of Science & Technology of China, Hefei, P.R.China

Session NO : P3-r08

Title : Phosphorylation of Nurr1 by ERK2 increasing the TH expression