

**Scientific Program**
**Saturday, 8 September 2018**

SL	Special Lecture
<b>9:00 – 10:30</b>	<b>Room A (3F Shinsho Hall)</b>
<i>Chairs: Toshiya Murai, Department of Psychiatry, Kyoto University Graduate School of Medicine, Japan Toshihiko Kinoshita, Department of Psychiatry, Kansai Medical University, Japan</i>	

- SL-1 Staging Disease, Optimizing Treatment**  
*Xin Yu, Division of Clinical Research, Peking University Institute of Mental Health, China*
- SL-2 Anticraving Drugs for Alcohol Use Disorder: A Clinical Review**  
*Winston W. Shen, Department of Psychiatry, Wan Fang Medical Center and College of Medicine, Taipei Medical University, Taiwan*

SY14	Symposium
<b>10:30 – 12:00</b>	<b>Room A (3F Shinsho Hall)</b>
<b>Biological Mechanisms Underlying the Transdiagnostic and Multifactorial Efficacy of Atypical Antipsychotic Drugs</b>	
<i>Chairs: Herbert Meltzer, Department of Psychiatry and Behavioral Sciences, Northwestern University, USA Tomiki Sumiyoshi, Department of Preventive Intervention for Psychiatric Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan</i>	

- SY14-1 Transdiagnostic utility of atypical antipsychotic drugs in the treatments of mood disorders and schizophrenia**  
*Kazuyuki Nakagome, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan*
- SY14-2 GABAergic and Serotonergic Contributions to the Action of Drugs Which Ameliorate or Prevent Psychosis, Negative Symptoms and Cognitive Impairment: Do Animal Models Show the Way Forward**  
*Herbert Meltzer, Department of Psychiatry and Behavioral Sciences, Northwestern University, USA*
- SY14-3 Neuroplastic Properties of Lurasidone: Focus on the BDNF-GABA Link**  
*Marco A. Riva, Department of Pharmacological and Biomolecular Sciences, University of Milan, Italy*

PL-3	Plenary Lecture
<b>12:00 – 12:45</b>	<b>Room A (3F Shinsho Hall)</b>
<b>Clozapine with schizophrenia: A personal perspective from basic laboratory findings to clinical observations</b>	
<i>Chair: Kazuyuki Nakagome, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan</i>	

- PL-3 Clozapine with schizophrenia: A personal perspective from basic laboratory findings to clinical observations**  
*Yong Sik Kim, Department of Psychiatry, Dongguk University Ilsan Hospital, Republic of Korea*

<b>LS-2</b>	<b>Luncheon Seminar</b>
12:50 – 13:50	Room A (3F Shinsho Hall)
<b>Expanding the Focus of Neurotransmitter and Transporter Receptors as Drug Targets for Neuropsychiatric Disorders</b>	
<i>Chair: Ichiro Kusumi, Department of Psychiatry, Hokkaido University Graduate School of Medicine, Japan</i>	
<i>Co-sponsor: Medical Affairs, Sumitomo Dainippon Pharma Co., Ltd.</i>	

**LS-2 Expanding the Focus of Neurotransmitter and Transporter Receptors as Drug Targets for Neuropsychiatric Disorders**  
*Herbert Meltzer, Physiology and Pharmacology, Northwestern Feinberg School of Medicine, USA*

<b>PL-4</b>	<b>Plenary Lecture</b>
14:00 – 14:45	Room A (3F Shinsho Hall)
<b>Stem cell-based therapy for Parkinson's disease</b>	
<i>Chair: Ichiro Sora, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan</i>	

**PL-4 Stem cell-based therapy for Parkinson's disease**  
*Jun Takahashi, Center for iPS Cell Research and Application, Kyoto University, Japan*

<b>SY18</b>	<b>Symposium</b>
14:45 – 16:15	Room A (3F Shinsho Hall)
<b>Old is Gold: Role of lithium in Bipolar Disorders-a clinical update</b>	
<i>Chairs: Prasad Rao Gundugurti, Schizophrenia &amp; Psychopharmacology Division, Asha Hospital, India</i>	
<i>Nagesh Brahmavar Pai, Department of Psychiatry, Graduate Medicine, Faculty of Science, Medicine and Health, University of Wollongong, Australia</i>	

- SY18-1 Introduction and role of lithium in acute mania**  
*Prasad Rao Gundugurti, Schizophrenia & Psychopharmacology Division, Asha Hospital, India*
- SY18-2 The conundrum of bipolar prophylaxis**  
*Mohan Isaac, Psychiatry, Faculty of Health and Medical Sciences, The University of Western Australia, Australia*
- SY18-3 Evidence for lithium in bipolar prophylaxis**  
*Nagesh B Pai, Department of Psychiatry, Graduate Medicine, Faculty of Science, Medicine and Health, University of Wollongong, Australia*
- SY18-4 Copy number variation and therapeutic efficacy of lithium in bipolar disorder**  
*Shigeru Morinobu, Department of Occupational Therapy, School of Health Science and Social Welfare, KIBI International University, Japan*

<b>CS</b>	<b>Co-Sponsored Symposium</b>
<b>16:15 – 17:45</b>	<b>Room A (3F Shinsho Hall)</b>
<b>Cognition in Bipolar Disorder: Current State of the Art and Future Directions</b>	
<i>Chairs: Lakshmi Yatham, University of British Columbia, Department of Psychiatry, Vancouver Coastal Health, Canada</i>	
<i>Michael Bauer, Department of Psychiatry and Psychotherapy, Psychiatric Hospital and Outpatient Clinics, University Hospital Carl Gustav Carus, Technische Universitat Dresden, Germany</i>	
<i>Co-sponsor: Medical Affairs, Sumitomo Dainippon Pharma Co., Ltd.</i>	

- CS-1 Assessment of Cognitive Function in Bipolar Disorder: A Primer for Clinicians**  
*Katherine E Burdick, Brigham and Women's Hospital, Department of Psychiatry, USA*
- CS-2 Clinical Trials on Cognition in BD: Methodological Recommendations**  
*Eduard Vieta, The University of Barcelona, Spain*
- CS-3 Treatments for improving Cognition in BD: Current Status and Future Directions**  
*Lakshmi Yatham, University of British Columbia, Department of Psychiatry, Vancouver Coastal Health, Canada*

<b>SY11</b>	<b>Symposium</b>
<b>9:00 – 10:30</b>	<b>Room B (3F Conference Room 1)</b>
<b>Role of Diet, microbiota, and inflammation in depression</b>	
<i>Chairs: Hiroshi Kunugi, Department of Mental Disorder Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan</i>	
<i>Michael Berk, School of Medicine, Faculty of Health, Deakin University, Australia</i>	

- SY11-1 Inflammation, diet and gut microbiota in the pathophysiology of depressive disorder**  
*Hiroshi Kunugi, Department of Mental Disorder Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan*
- SY11-2 Role of Diet, microbiota, and inflammation in depression**  
*Michael Berk, School of Medicine, Faculty of Health, Deakin University, Australia*
- SY11-3 Tryptophan, oxidative stress and inflammation in major depression**  
*Michael Maes, Chulalongkorn University, Bangkok, Thailand*
- SY11-4 Cytokines in mood disorders**  
*Reiji Yoshimura, Department of Psychiatry, University of Occupational and Environmental Health, Japan*

<b>SY15</b>	<b>Symposium</b>
<b>10:30 – 12:00</b>	<b>Room B (3F Conference Room 1)</b>
<b>Gut-Brain-Microbiota axis in Psychiatry</b>	
<i>Chairs: Rajesh Sudarshan Nagpal, Psychiatry, Behavioral and Neuroscience Academy of India, India</i>	
<i>Venu Gopal Jhanwar, Psychiatry, Deva Institute of Healcare &amp; Research Pvt. Ltd, India</i>	

- SY15-1 Gut-Brain-Microbiota Axis in Psychiatry-a Primer**  
*Mohandas E Warriar, Psychiatry, Sun Medical & Research Centre, India*
- SY15-2 Gut-Brain-Microbiota axis in Psychiatry**  
*Rajesh Sudarshan Nagpal, Psychiatry, Behavioral and Neuroscience Academy of India, India*
- SY15-3 Gut Microbes and Neurocognition**  
*Venu Gopal Jhanwar, Psychiatry, Deva Institute of Healthcare & Research Pvt. Ltd, India*

## Scientific Program

Saturday, 8 September 2018

### SY15-4 Gut Microbiota in Children

*Darpan Kaur Mohinder Singh, Department of Psychiatry, Mahatma Gandhi Missions Medical College and Hospital, India*

### SY19

### Symposium

14:45 – 16:15

Room B (3F Conference Room 1)

### Effects of nanoparticle and its related glutathione on the development of autism spectrum disorders and attention-deficit/hyperactivity disorder, and protective role of N-acetyl cysteine

*Chairs: Kunio Yui, Department of Urology, Fujita Health University, Japan*

*Olivia May Dean, IMPACT TRIALS - School of Medicine, Deakin University, Australia*

### SY19-1 Reduced Antioxidant Capacity was a Large Effect Size than Oxidative Stress in Individuals with Autism Spectrum Disorder

*Kunio Yui, Department of Urology, Fujita Health University, Japan*

### SY19-2 Developmental neurotoxicity of nanoparticle exposure during gestational period and suppressive efficacy of N-acetyl cysteine pretreatment

*Atsuto Onoda, Division of Neonatology, Center for Maternal-Neonatal Care, Nagoya University Hospital, Japan*

### SY19-3 N-acetyl cysteine for autism spectrum disorders - where is the field up to?

*Olivia M. Dean, IMPACT TRIALS - School of Medicine, Deakin University, Australia*

### SY19-4 N-acetylcysteine (NAC) for impulsivity & compulsivity: A review of clinical trials

*Georgina L Oliver, Department of Psychiatry, University of Melbourne, Australia*

### SY12

### Symposium

9:00 – 10:30

Room C (3F Conference Room 2)

### Mismatch negativity (MMN) as a neurophysiological biomarker in schizophrenia

*Chairs: Hirooki Yabe, Department of Neuropsychiatry, Fukushima Medical University, Japan*

*Tomiki Sumiyoshi, Department of Preventive Intervention for Psychiatric Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Japan*

### SY12-1 Mismatch negativity as Electrophysiological markers of transition to psychosis

*Yuko Higuchi, Department of Neuropsychiatry, University of Toyama Graduate School of Medicine and Pharmaceutical Sciences, Japan*

### SY12-2 Mismatch negativity in schizophrenia

*Tsuyoshi Araki, Department of Neuropsychiatry, University of Tokyo, Japan*

### SY12-3 MMN findings of patients with schizophrenia

*Toshiaki Onitsuka, Department of Neuropsychiatry, Graduate School of Medical Sciences, Kyushu University, Japan*

### SY12-4 The MMN and neuropharmacology in schizophrenia

*Tetsuya Shiga, Department of Neuropsychiatry, Fukushima Medical University, Japan*

**Scientific Program**
**Saturday, 8 September 2018**

<b>SY16</b>	<b>Symposium</b>
<b>10:30 – 12:00</b>	<b>Room C (3F Conference Room 2)</b>
<b>Biological aspects for occupational psychiatry</b>	
<i>Chairs: Reiji Yoshimura, Department of Psychiatry, University of Occupational and Environmental Health, Japan  Kavitha Subramaniam, Physical and Mathematical Science, Faculty of Science, Tunku Abdul Rahman University, Malaysia</i>	

- SY16-1 Biological monitoring indices for overwork of medical accounting clerks**  
*Seichi Horie, Center for Stress-related Disease Control and Prevention, University of Occupational and Environmental Health, Japan*
- SY16-2 Neuroimaging in major depressive disorder**  
*Shingo Kakeda, Department of Radiology, University of Occupational and Environmental Health, Japan*
- SY16-3 Psychotropic and automobile driving**  
*Kunihiro Iwamoto, Department of Developmental and Geriatric Psychiatry, Nagoya University Graduate School of Medicine, Japan*
- SY16-4 Influence of C-reactive protein and psychosocial stress on risk of bipolar disorder and cognitive function in bipolar patients**  
*Hui Hua Chang, Institute of Clinical Pharmacy and Pharmaceutical Sciences, National Cheng Kung University, Taiwan*

<b>SS3</b>	<b>Scientific Session</b>
<b>14:45 – 16:15</b>	<b>Room C (3F Conference Room 2)</b>
<b>Dementia/Neuropathology/Addictive Disorders</b>	
<i>Chairs: Kazuhiro Shinosaki, Clinical Research and Training Center, Asakayama General Hospital, Japan  Ming-Chyi Huang, Department of Addiction Sciences, Taipei City Psychiatric Center, Taipei City Hospital, Taiwan</i>	

- SS3-1 Identifying Dementia Patients based on Behavioral Markers in Human-Avatar Interaction**  
*Tsuyoki Ujiro, Graduate school of Information Science, Nara Institute of Science and Technology, Japan*
- SS3-2 Impact of Amyloid Burden on Regional Functional Synchronization in the Cognitively Normal Older Adults**  
*Hyun Kook Lim, Department of Psychiatry, The Catholic University of KOREA, Republic of Korea*
- SS3-3 Nesfatin-1 like peptide inhibits amyloid- $\beta$  aggregation and protects cells from amyloid- $\beta$  toxicity**  
*Noriko Marutani, Department of Mental Health Promotion, Osaka University, Japan*
- SS3-4 Association between left pulvinar hypometabolism and sleep disturbances in patients with dementia with Lewy bodies**  
*Hideki Kanemoto, Department of Psychiatry, Osaka University Graduate School of Medicine, Japan*
- SS3-5 Brainstem atrophy and cognitive impairment in the chronic phase and clinical severity in the acute phase in diffuse axonal injury**  
*Gaku Fujimoto, Department of Psychiatry, Kyoto University, Graduate School of Medicine, Japan*
- SS3-6 D-neuron pathology: Novel clue for neuropsychiatric research**  
*Keiko Ikemoto, Department of Psychiatry, Iwaki Kyoritsu General Hospital, Japan*
- SS3-7 Neural mechanisms of the sunk cost effect in gambling disorder**  
*Junya Fujino, Medical Institute of Developmental Disabilities Research, Showa University, Japan*

**Scientific Program****Saturday, 8 September 2018**

- SS3-8 Corticostriatal Functional Dysconnectivity in Methamphetamine Abusers with and without Persistent Psychosis in Comparison to Patients with Schizophrenia**  
*Ming-Chyi Huang, Department of Addiction Sciences, Taipei City Psychiatric Center, Taipei City Hospital, Taiwan*
- SS3-9 Association between methamphetamine use and leukocyte telomere length**  
*Yen-Feng Lin, Department of Psychiatry, Taipei City Psychiatric Center, Taipei City Hospital, Taiwan*

**SY13****Symposium****9:00 – 10:30****Room D (3F Conference Room 3)****Focused mainly on the high interest area of pharmacogenetics**

*Chairs: James L. Kennedy, Neurogenetics Section, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, Department of Psychiatry, University of Toronto, Toronto, ON, Canada*

*Tadafumi Kato, Laboratory for Molecular Dynamics of Mental Disorders, RIKEN Center for Brain Science, Japan*

- SY13-1 Pharmacogenetics and improved patient outcomes with Personalized Medicine**  
*James L. Kennedy, Neurogenetics Section, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, Department of Psychiatry, University of Toronto, Toronto, ON, Canada*
- SY13-2 A joint study of whole exome sequencing and structural MRI analysis in major depressive disorder (MDD)**  
*Tao Li, Mental Health Center, West China Hospital of Sichuan Univeristy, China*
- SY13-3 Pharmacogenomics in psychiatry**  
*Masashi Ikeda, Department of Psychiatry, Fujita Health University School of Medicine, Japan*
- SY13-4 Roles of mitochondria-related genes in bipolar disorder and their implication for future treatment**  
*Tadafumi Kato, Laboratory for Molecular Dynamics of Mental Disorders, RIKEN Center for Brain Science, Japan*

**SY17****Symposium****10:30 – 12:00****Room D (3F Conference Room 3)****Recent topics of a rapid-acting antidepressant ketamine**

*Chairs: Kenji Hashimoto, Clinical Neuroscience, Chiba University Center for Forensic Mental Health, Japan*  
*Olya Atanasova Mikova-Demireva, Psychiatry, Foundation Biological Psychiatry, Bulgaria*

- SY17-1 Promises and Potential Issues of Low-Dose Ketamine in the treatment of Treatment-Resistant Major Depression**  
*Cheng-Ta Li, Department of Psychiatry, Taipei Veterans General Hospital, Taiwan*
- SY17-2 R-Ketamine: A novel rapid and long-lasting antidepressant**  
*Chun Yang, Anesthesiology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, China*
- SY17-3 Lack of metabolism in (R)-ketamine's antidepressant actions in a chronic social defeat stress model**  
*Kai Zhang, Division of Clinical Neuroscience, Chiba University Center for Forensic Mental Health, Japan*

**Scientific Program**
**Saturday, 8 September 2018**

<b>SY20</b>	<b>Symposium</b>
<b>14:45 – 16:15</b>	<b>Room D (3F Conference Room 3)</b>
<b>Perspectives in machine learning for predicting psychiatric conditions</b>	
<i>Chairs: Hiroaki Tomita, Department of Disaster Psychiatry, International Research Institute of Disaster Science, Tohoku University, Japan</i>	
<i>Junichiro Yoshimoto, Division of Information Science, Graduate School of Science and Technology, Nara Institute of Science and Technology, Japan</i>	

- SY20-1 Resting-state functional-connectivity-based investigation of the neural substrates of autism spectrum disorder**  
*Noriaki Yahata, Department of Molecular Imaging and Theranostics, National Institute of Radiological Sciences, National Institutes for Quantum and Radiological Science and Technology, Japan*
- SY20-2 Prediction of SSRI treatment response by multimodal bio-data fusion**  
*Junichiro Yoshimoto, Division of Information Science, Graduate School of Science and Technology, Nara Institute of Science and Technology, Japan*
- SY20-3 Machine-learning prediction of psychiatric diseases based on genomic/metabolomic data**  
*Yuta Takahashi, Department of Psychiatry, Tohoku University, Japan*
- SY20-4 Project for Objective Measures Utilizing Computational Psychiatry Technology (PROMPT): The Prospect of New Approaches in Psychiatry in Japan**  
*Taishiro Kishimoto, Department of Neuropsychiatry, Keio University School of Medicine, Japan*

<b>TSBPNJS</b>	<b>WFSBP-TSBPN Joint Annual Meeting</b>
<b>10:00 – 12:00</b>	<b>Meeting Room (3F Executive's Conference Room)</b>
<b>Taiwan Research Symposium</b>	

**Opening Remarks**

*Shih-Ku Lin*  
*Tung-Ping Su*

**Increased Brain Entropy of Resting-state fMRI Mediates the Relationship of Depression Severity and Perceived Quality of Life in Late-life Depressed Elderly**

*Che-Min Lin*

**The epidemiology and use behaviors of Caffeinated alcoholic drinks in Taiwan**

*Wan-Ju Cheng*

**Advanced Treatment for Retarded Catatonia: Voyaging into the Realm of Motor and Conscious State**

*Tiao-Lai Huang*

**Clinical Applications from field and genetic studies on mental disorders with emotional dysregulation**

*Chau-Shoun Lee*

**The Clinical Experiences of Transcranial Direct Current Stimulation (tDCS) in Patients with Schizophrenia, Cigarette Smoking and Graves' Disease with Mixed Anxiety and Depression**

*Yen-Kuang Yang*

**Auditory Event-Related Potentials in Psychiatric Disorders**

*Ming-Hsien Hsieh*

**Ketamine in the Treatment of Depression: Unanswered Questions and Beyond**

*Tung-Ping Su*

**Closing**

*Shih-Ku Lin*

**JSBPSY35**

**JSBP-WFSBP Joint Symposium**

16:00 – 18:00

Kobe International Conference Center / Room D (5F 502)

**Frontier Symposium on Schizophrenia and Mood Disorders**

*Chairs: Hiroshi Kunugi, Department of Mental Disorder Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan  
Ichiro Sora, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan*

**JSBPSY35-1 Application of Panels of Brain-Expressed Genes to Predict Side Effects in Antipsychotic Use**

*James L. Kennedy, Tanenbaum Pharmacogenetics Centre, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health, Canada*

**JSBPSY35-2 Schizophrenia paradox - A material or an event**

*Masanari Itokawa, Tokyo Metropolitan Institute of Medical Science, Japan*

**JSBPSY35-3 New targets for treating depression: inflammation, oxidative stress and neurotrophic factors**

*Michael Berk, Deakin University, Australia*

**JSBPSY35-4 Michael Maes, Department of Psychiatry, Chulalongkorn University, Thailand**

**MP1**

**Moderated Poster Session**

16:30 – 17:30

Poster Room (2F Event Hall)

**Development/Anxiety**

*Chair: Hisato Matsunaga, Neuropsychiatry, Hyogo College of Medicine, Japan*

**MP1-1 Basic numerical abilities and calculation in children with Attention Deficit / Hyperactivity Disorder**

*Tse-Ming Wang, Department of Occupational Therapy, Chang Gung University, Taiwan*

**MP1-2 A new model of attention deficit/hyperactivity disorder (ADHD)**

*Takako Takemiya, Medical Research Institute, Tokyo Women's Medical University, Japan*

**MP1-3 The prevalence and clinical impact of comorbid attention-deficit hyperactivity disorder (ADHD) in Japanese adults with obsessive-compulsive disorder (OCD)**

*Masahiro Miyouchi, Department of Neuropsychiatry, Hyogo College of Medicine, Japan*

**MP1-4 Adaptation to Changes in Odor for Children with Autism Spectrum Disorders**

*Hirokazu Kumazaki, Research Center for Child Mental Development, Kanazawa University, Japan*

**MP1-5 Prenatal exposure of mice to sodium valproate causes synaptic abnormality and gene expression changes in the brain**

*Kana Shiraishi, Graduate School of Life Sciences, Toyo University, Japan*

**MP1-6 Prefrontal Parvalbumin Interneurons are Essential for Social Behavior Development**

*Kazuhiko Yamamuro, Department of Psychiatry, Icahn School of Medicine at Mount Sinai, USA*

**MP1-7 The Association between Seizures and Autistic Symptoms**

*Kunio Yui, Department of Urology, Fujita Health University, Japan*

**MP1-8 Myristoylated alanine-rich C-kinase substrate like 1 in the central amygdala plays a pivotal role in anxiety disorders**

*Takashi Tanaka, Department of Anatomy II, Kanazawa Medical University, Japan*

**MP1-9 Witnessing the defeat of a conspecific induces social avoidance in mice**

*Yuko Nakatake, Faculty of Pharmaceutical Science, Laboratory of Pharmacology and Therapeutics, Tokyo University of Science, Japan*

**MP1-10 Cortical thickness reductions in the middle frontal cortex in patients with panic disorder**

*Takeshi Asami, Department of Psychiatry, Graduate School of Medicine, Yokohama City University, Japan*



**Scientific Program**
**Saturday, 8 September 2018**
**MP1**
**Moderated Poster Session**
**16:30 – 17:30**
**Poster Room (2F Event Hall)**
**Psychogeriatrics/Eating Disorders**
*Chair: Junichi Iga, Department of Neuropsychiatry, Ehime University Graduate School of Medicine, Japan*

- MP1-11 The Effect of Black Rice Anthocyanin on Cognitive Function in Older Adults with Subjective Cognitive Impairment**  
*Chang Uk Lee, Department of Psychiatry, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea*
- MP1-12 Efficacy, Acceptability, and Safety of Intravenous Immunoglobulin Administration for Alzheimer's Disease: a Systematic Review and Meta-analysis**  
*Makoto Okuya, Department of Psychiatry, Fujita Health University, Japan*
- MP1-13 Substrate recognition by  $\gamma$ -secretase is sensitive to steric alterations in the extracellular domain of C99**  
*Riki Maruyama, Department of Mental Health Promotion, Osaka University Graduate School of Medicine, Japan*
- MP1-14 INPP5D mRNA expression and cognitive decline in Japanese Alzheimer's disease subjects**  
*Junichi Iga, Department of Neuropsychiatry, Ehime University Graduate School of Medicine, Japan*
- MP1-15 Prediction of Treatment Response to Donepezil using Automated Hippocampal Subfields Volumes Segmentation in Patients with Mild Alzheimer's Disease**  
*Sheng-Min Wang, Department of Psychiatry, Catholic University of Korea, Republic of Korea*
- MP1-16 Activities of Daily Living in the Screening of Dementia at a medical center in Central Taiwan**  
*Cheng-Chen Chang, Department of Psychiatry, Changhua Christian Hospital, Taiwan*
- MP1-17 The relationship between social function and cognitive dysfunction in anorexia nervosa: A study with MCCB-J and SFS-J**  
*Atsushi Ohuchi, Department of Psychiatry, Kobe University Hospital, Japan*
- MP1-18 The comparison of cognitive function between anorexia nervosa and schizophrenia**  
*Runshu Chen, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan*
- MP1-19 The Differences in Neurocognitive Function Impairments between the Binge-Eating/Purging Anorexia Nervosa Subtype and the Restricting Subtype**  
*Hiroko Tamiya, Department of Psychiatry, Kobe University Graduate School of Medicine, Japan*
- MP1-20 Predictors of change in anxiety and depression following bariatric surgery**  
*Kavitha Subramaniam, Medical Education Research and Development Unit, University of Malaya, Malaysia*

**MP1**
**Moderated Poster Session**
**16:30 – 17:30**
**Poster Room (2F Event Hall)**
**Addictive Disorders**
*Chair: Atsumi Nitta, Department of Pharmaceutical Therapy and Neuropharmacology, Faculty of Pharmaceutical Sciences, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama, Japan*

- MP1-21 Electroacupuncture attenuates cocaine-induced conditioned place preference and modulates Fos protein expression in mice**  
*Ai T.M. Nguyen, School of Chinese Medicine, China Medical University, Taiwan*
- MP1-22 Effects of acute methamphetamine treatment on functional connectivity in Cynomolgus monkeys**  
*Dai-Jin Kim, Department of Psychiatry, St. Mary's Hospital, The Catholic University of Korea College of Medicine, Republic of Korea*

## Scientific Program

Saturday, 8 September 2018

- MP1-23 Different Olfactory Sensitivity among Patients with Methamphetamine-induced Psychotic disorder, Methamphetamine Abuse and Schizophrenia- A Pilot Study**  
*Po-Yu Chen, Department of Psychiatry, Taipei City Psychiatric Center, Taipei City Hospital, Taiwan*
- MP1-24 Knowledge, attitudes and behavior of university students regarding substance use disorder**  
*Nan-Ying Chiu, Department of Psychiatry, Lugang Christian Hospital, Taiwan*
- MP1-25 Extreme High Tobacco Smoking Rate among Heroin Addicts**  
*Nan-Ying Chiu, Department of Psychiatry, Lugang Christian Hospital, Taiwan*
- MP1-26 Smoking rates and number of cigarettes smoked per day in schizophrenia: A large cohort meta-analysis in a Japanese population**  
*Kazutaka Ohi, Department of Neuropsychiatry, Kanazawa Medical University, Japan*
- MP1-27 The gaming cue induced implicit attitude among young adults with internet gaming disorder**  
*Chih-Hung Ko, Psychiatry, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan*
- MP1-28 Cross-cultural comparison of theory of mind deficits in patients with schizophrenia from Denmark and China**  
*Katrine Ingeman Beck, Child and Youth Department, research Unit, Aarhus University Hospital Risskov, Denmark*

### MP1

### Moderated Poster Session

16:30 – 17:30

Poster Room (2F Valencia)

### Stress and Pain

*Chair: Kazutaka Ikeda, Department of Psychiatry and Behavioral Sciences, Tokyo Metropolitan Institute of Medical Science, Japan*

- MP1-29 Genetics Markers in Families of Stressed patients**  
*Alejo Corrales, Neurociencias Department, Maimonides University Buenos Aires Argentina, Argentina*
- MP1-30 Plasma BDNF decreased in female mice loaded restraint and psychological stress, but increased in male mice**  
*Keiko Ikemoto, Department of Psychiatry, Iwaki Kyoritsu General Hospital, Japan*
- MP1-31 Single-prolonged stress brings brain atrophy in visual cortex and thalamus**  
*Takanobu Yoshii, Department of Psychiatry, Kyoto Prefectural University of Medicine, Japan*
- MP1-32 New Free Moving Animal Model of Stress**  
*Kun-Po Chen, Institute of Traditional Medicine, School of Medicine, National Yang-Ming University, Taiwan*
- MP1-33 Impacts on the stress reactivity in adult rats of maternal separation as early life stress**  
*Masaaki Tanichi, Department of Psychiatry, National Defense Medical College, Japan*
- MP1-34 Factors affecting post-traumatic stress disorder among young North Korean refugees**  
*Subin Park, Department of Research Planning, National Center for Mental Health, Republic of Korea*
- MP1-35 Effect of fluvoxamine or escitalopram on scratching behavior in an acute or chronic model of pruritic state**  
*Yu Miyahara, University of Miyazaki, Japan*
- MP1-36 Abnormalities in inflammatory cytokines confer susceptible to chronic neuropathic pain-related anhedonia in a rat model of spared nerve injury**  
*Chun Yang, Department of Anesthesiology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, China*

**Scientific Program**
**Saturday, 8 September 2018**
**MP1-37 Psychiatric symptoms depend on tinnitus-related characteristics and clinical variables in tinnitus patients**

*Jung Jin Kim, Department of Psychiatry, The Catholic University of Korea Seoul St.Mary's Hospital, Republic of Korea*

**MP1**
**Moderated Poster Session**
**16:30 – 17:30**
**Poster Room (2F Valencia)**
**ECT/Sleep Disorders/Gender**

*Chair: Satoshi Ukai, Department of Neuropsychiatry, Wakayama Medical University, Japan*

**MP1-38 ELECTROCONVULSIVE THERAPY IN TREATMENT RESISTANT SCHIZOPHRENIA**

*Nan-Ying Chiu, Department of psychiatry, Lugang Christian Hospital, Taiwan*

**MP1-39 Relapse of major depression after electroconvulsive therapy: A single-institution study at Wakayama Medical University Hospital**

*Kazuya Okuhira, Department of Psychiatry, Wakayama Medical University, Japan*

**MP1-40 Temporo-parietal junction, insular cortex and subgenual cingulate cortex volume increase preceded hippocampus volume increase following Electroconvulsive therapy in depression**

*Shimpei Yamasaki, Department of Psychiatry, Kyoto University, Japan*

**MP1-41 Mechanism of modified electroconvulsive therapy - electrical stimulation to neurogenesis**

*Soichiro Maruyama, Department of Neuropsychiatry, Osaka Medical College, Japan*

**MP1-42 CASE REPORT ; Electroconvulsive therapy for the treatment of aggression and self-injury in patients with autism spectrum disorder**

*Nam Young Lee, Department of Psychiatry, Dongguk University Ilsan Hospital, Republic of Korea*

**MP1-43 The association between tobacco smoking and obstructive sleep apnea**

*Wen-Yu Hsu, Department of Psychiatry, Changhua Christian Hospital, Taiwan*

**MP1-44 Involvement of TAAR1 and D-neuron in pathogenesis of hypersomnia, narcolepsy**

*Keiko Ikemoto, Department of Psychiatry, Iwaki Kyoritsu Gen Hosp, Japan*

**MP1-45 Whole exome sequencing of case-unaffected parents trios reveal de novo genetic variants in gender dysphoria**

*Yoshiro Morimoto, Department of Neuropsychiatry, Unit of Translation Medicine, Nagasaki University Graduate School of Biomedical Sciences, Japan*

**MP1**
**Moderated Poster Session**
**16:30 – 17:30**
**Poster Room (2F Valencia)**
**Neurobiology**

*Chair: Seiji Hitoshi, Department of Integrative Physiology, Shiga University of Medical Science, Japan*

**MP1-46 Whole-exome sequencing in family trios reveals de novo mutations in a gene as a cause of paroxysmal kinesigenic dyskinesia**

*Shintaro Yoshida, Department of Neuropsychiatry, Unit of Translation Medicine Nagasaki University Graduate School of Biomedical Sciences, Japan*

**MP1-47 Novel pathogenic mutations in the VPS13A gene in Japanese patients with Chorea-acanthocytosis and clinical diversities**

*Yoshiaki Nishida, Department of Psychiatry, Kagoshima University Graduate School of Medical and Dental Sciences, Japan*

## Scientific Program

Saturday, 8 September 2018

- MP1-48 Molecular diagnosis and symptoms of the six cases of McLeod syndrome**  
*Yuka Urata, Department of Psychiatry, Kagoshima University Graduate School of Medical and Dental Sciences, Japan*
- MP1-49 The insomnia, inattentive, and fatigue symptoms of women with PMDD and their association with serotonin 1A receptor polymorphism**  
*Ju-Yu Yen, Psychiatry, Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan*
- MP1-50 Olfactory sulcus morphology in teenagers with first-presentation borderline personality disorder**  
*Tsutomu Takahashi, Department of Neuropsychiatry, The University of Toyama, Japan*
- MP1-51 Effects of LY341495 on the dendritic outgrowth and spine formation in the rat hippocampal neuron under toxic condition**  
*Younghoon Kim, Department of Psychiatry, Ganhju National Hospital, Republic of Korea*
- MP1-52 Self-organizing cortex generated from human iPSCs with combination of FGF2 and ambient oxygen**  
*Noriomi Eguchi, Department of Psychiatry, Kobe University, Japan*
- MP1-53 Comparative Efficacy and Safety of Long-Acting Injectable and Oral Second-Generation Antipsychotics for the Treatment of Schizophrenia**  
*Seon-Cheol Park, Department of Psychiatry, Inje University College of Medicine and Haeundae Paik Hospital, Republic of Korea*
- MP1-54 Psychotropic Drug-Prescribing Correlates of Disorganized Speech in Asians with Schizophrenia: The REAP-AP Study**  
*Seon-Cheol Park, Department of Psychiatry, Inje University College of Medicine and Haeundae Paik Hospital, Republic of Korea*
- MP1-55 The state of oxidative stress in the children at risk mental state**  
*Rei Wake, Department of Psychiatry, Shimane University Faculty of Medicine, Japan*