2nd Congress of AsCNP
Asian College of Neuropsychopharmacology

Jointly with 2011 Annual Meeting of Korean College of Neuropsychopharmacology

"Asian Collaboration on Neuropsychopharmacology and Neuroscience"

September 23(Fri.) - 24(Sat.), 2011
Grand Hilton Seoul Hotel, Seoul, Korea

Hosted by
Korean College of Neuropsychopharmacology
Organized by
Asian College of Neuropsychopharmacology
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Welcome Message

Dear Colleagues and Friends,

On behalf of the Organizing Committee, we would like to extend a cordial invitation to all members and colleagues of the 2\textsuperscript{nd} Congress of Asian College of Neuropsychopharmacology to be convened September 23-24, 2011 in Seoul, Korea.

Asia has the largest population in the world and continues to develop academically as well as economically. Recently, there have been remarkable achievements in the fields of pharmacogenetics, personalized pharmacotherapy and new drug developments in Asia. Now Korea and other Asian countries are rapidly expanding their clinical drug trials.

On this occasion, the 2\textsuperscript{nd} AsCNP Congress will contribute to the advancement of basic and clinical neuroscience through collaborations between Asian countries and will devote our energy to strive for Asia’s role in the growth of International College of Neuropsychopharmacology (CINP).

Although East Asian Countries such as Japan, Korea, China and Taiwan have already established their key roles in managing this congress, we sincerely hope South and Middle Asian Countries will join in the AsCNP Congress.

Moreover, the Organizing Committee is also planning unique and colorful social programs through which all participants will enjoy the fascinating Korean culture and the warm Korean spirit of friendship. The participants will have special experiences in beautiful Korea.

I would like to close my welcome address by expressing my sincere wishes for success and for all participants to be energized and enlightened by this meeting.

I am looking forward to welcoming you to Wonderful Seoul in September.

Cordially,

Young Hoon Kim, M.D., Ph.D.
President, Asian College of Neuropsychopharmacology

Jin-Sang Yoon, M.D., Ph.D.
President, Korean College of Neuropsychopharmacology
Organization

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- Yuan-Hwa Chou (Taiwan)
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  - Won-Myong Bahk (Korea)
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  - Chi-Un Pae (Korea)
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  - Shigeto Yamawaki (Japan)
  - Xin Yu (China)
  - Yuan-Hwa Chou (Taiwan)
Local Advisory Committee

- Ik Seung Chee
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- Moon Yong Chung
- Sang Keun Chung
- Chang Hwan Han
- Kyoo Seob Ha
- Woong Hahm
- Young Myo Jae
- Sung Hoon Jeong
- Chul Ho Jung
- Han Yong Jung
- Dae Yeob Kang
- Baik Seok Kee
- Chul Eung Kim
- Doh Kwan Kim
- Hyun Woo Kim
- Jae Jin Kim
- Jeong Gee Kim
- Jong Woo Kim
- Leen Kim
- Sang Hoon Kim
- Sung Gon Kim
- Yong Sik Kim
- Young Ku Kim
- Young Joon Kwon
- Chang Uk Lee
- Chul Lee
- Hong Shick Lee
- Jong Bum Lee
- Kwang Heun Lee
- Maan Gee Lee
- Min Soo Lee
- Sang Yeo Lee
- Young Sik Lee
- Sung Ho Min
- Sung Kil Min
- Jai Sung Noh
- Byoung Hoon Oh
- Kang Seob Oh
- Ki Chung Paik
- Chul Soo Park
- Min Cheol Park
- Yong Chon Park
- Joo Cheol Shim
- Chul Jin Shin
- Il Seon Shin
- Jung Seo Yi
- Doh Joon Yoon
- Bum Hee Yu

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  Chang-Yoon Kim
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- Secretary of Special Affairs
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  Sung Gon Kim
  Il Seon Shin
  Sang Yeo Lee
  Bum Seok Jeong
  Sung Hoon Jeong
- Advisor
  Byung Jo Kang
  In Ho Paik
  Sung Kil Min
  Hong Shick Lee
  Doh Joon Yoon
  Min Cheol Park
  Young Hoon Kim
Invited Speakers

- **Plenary Lecture**
  - Young-Hoon Kim
    Department of Psychiatry, Inje University
    Haeundae Paik Hospital, Korea
  - Hans-Jürgen Möller
    Department of Psychiatry, Ludwig-Maimilian University, Germany

- **Special Lecture**
  - John H. Krystal
    Department of Psychiatry, Yale University
    School of Medicine, USA
  - Chang-Yoon Kim
    Department of Psychiatry, Ulsan University
    Asan Medical Center, Korea

- **Special Lecture**
  - Anthony G. Phillips
    Department of Psychiatry, UBC Institute of Mental Health, Canada
  - Shigeto Yamawaki
    Department of Psychiatry and Neurosciences, Hiroshima University, Japan

- **Meet the Expert**
  - Brian Dean
    The Rebecca L. Cooper Research Laboratories, The Mental Health Research Institute, Australia
  - Joseph Zohar
    Department of Psychiatry, Chaim Sheba Medical Center, Israel

- **Thematic Lectures**
  - Xin Yu
    Department of Clinical Psychiatry, Peking University, China
  - Shigenobu Kanba
    Department of Psychiatry, Kyushu University, Japan

- **Luncheon Lecture**
  - Yuan-Hwa Chou
    Department of Psychiatry, Taipei Veterans General Hospital, Taiwan
  - Minsoo Lee
    Department of Psychiatry, Korea University
    Anam Hospital, Korea

- **Evening Lecture**
  - Sung Kil Min
    Seoul Metropolitan Eunpyeong Hospital, Korea

- **K-Special Lecture**
  - Joseph D. Terwilliger
    Department of Genetics and Development, Columbia Genome Center, USA
  - Ki Woong Kim
    Department of Neuropsychiatry, Bundang Seoul National University, Korea
Meeting Information

- **Meeting Information**
  - **Date**: September 23(Fri.) – 24(Sat.), 2011
  - **Venue**: Grand Hilton Seoul Hotel, Seoul, Korea
  - **Official Language**: The Official Language of the Congress will be English
  - **Official Website**: http://www.2011AsCNP.org

- **Secretariat**
  - Please do not hesitate to contact the secretariat if you require any additional information or assistance. Please address all correspondence to:
  - Jungang Bldg., 12-15 Wonhyoro 1-dong, Yongsan-gu, Seoul 140-846, Korea
  - Tel. 82-2-717-5114(rep.) / Fax. 82-2-717-5512 / E-mail. 2011AsCNP@smileml.com

- **Registration Hour**
  - Registration Desk will be located at Lobby, Convention Center (3F). Operating time is as below:
    - September 23 (Fri.) 08:00-18:00
    - September 24 (Sat.) 08:00-16:00

- **Opening Ceremony**
  - Date: September 23 (Fri.), 09:00-09:15 / Place: Emerald AB, Convention Center (3F)

- **4th Council Meeting**
  - Date: September 23 (Fri.), 12:00-14:00 (Invited only) / Place: Peacock Room, Main Hotel (2F)

- **Social Program**
  - **Presidential Dinner**
    - Date: September 22 (Thu.), 18:00-20:00 (Invited only) / Place: Cheongcheondang, Samcheonggak
  - **Evening Lecture & Welcome Reception**
    - All participants can attend the welcome reception. It is a great opportunity for participants to communicate with doctors engaged in psycopharmacology over dinner.
    - Date: September 23 (Fri.), 18:30-21:00 / Place: Grand Ballroom, Main Hotel (2F)

- **Closing Ceremony**
  - Date: September 24 (Sat.), 16:10-16:30 / Place: Emerald A, Convention Center (3F)

- **Hosted by**
  - Korean College of Neuropsychopharmacology

- **Organized by**
  - Asian College of Neuropsychopharmacology
Floor Plan

- **Convention Center 3F**

**Emerald AB** - Opening Ceremony, Plenary Lecture (1, 2)
**Emerald A** - Symposium (1, 5, 11, 15), Luncheon Seminar (1, 4), Special Lecture (1, 3), Thematic Lectures, Closing Ceremony
**Emerald B** - Symposium (2, 6, 8, 12, 16), Special Lecture (2, 4), Luncheon Seminar (2, 5)
**Diamond** - Symposium (3, 7, 9, 13, 17), Meet the Expert (1, 2), Luncheon Seminar (3), Luncheon Lecture
**Lobby** - Registration Desk, Preview Room, Exhibition
Swan  _ Symposium (4, 10, 14), New Research<Oral Presentation> (1, 2)
Flamingo  _ K-Special Lecture (1, 2), K-Symposium (1, 2, 3, 4, 5)
Grand Ballroom  _ Evening Lecture & Welcome Reception
Peacock  _ 4th Council Meeting (Invited only)
# Program at a Glance

## Sep. 23(Fri.), 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>AsCNP</th>
<th>KCNP</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:15</td>
<td>Emerald A</td>
<td>Opening Ceremony</td>
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<tr>
<td>09:15 - 10:00</td>
<td>Emerald B</td>
<td>Plenary Lecture 1</td>
<td>A Role of AKT-GSK3 Signaling Pathway in</td>
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<tr>
<td></td>
<td>Diamond</td>
<td></td>
<td>the Action of Atypical Antipsychotic</td>
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<td></td>
<td>Swan</td>
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<td>Drugs</td>
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<tr>
<td>10:00 - 10:20</td>
<td>Diamond</td>
<td>Coffee Break</td>
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<tr>
<td>10:20 - 12:00</td>
<td>Emerald A</td>
<td>Symposium 1 Optimal Pharmacological</td>
<td>Symposium 8 Recent Advances in</td>
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<td></td>
<td>Emerald B</td>
<td>Treatment for Patients with First Episode</td>
<td>Pharmacotherapy for Mood Disorders</td>
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<td>Diamond</td>
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<tr>
<td>12:10 - 13:10</td>
<td>Emerald A</td>
<td>Luncheon Seminar 1</td>
<td>Luncheon Seminar 2</td>
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<tr>
<td>13:10 - 13:50</td>
<td>Emerald B</td>
<td>Poster Presentations</td>
<td>Luncheon Seminar 3</td>
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<tr>
<td>13:50 - 15:30</td>
<td>Emerald A</td>
<td>Symposium 5 Translational Researches on</td>
<td>Symposium 6 Study of Bipolar Disorder</td>
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<tr>
<td></td>
<td>Emerald B</td>
<td>Bipolar Disorders</td>
<td>among the South-East Asia Countries</td>
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<td>Diamond</td>
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<tr>
<td>15:30 - 16:20</td>
<td>Emerald A</td>
<td>Special Lecture 1 Glutamate Treatment</td>
<td>Special Lecture 2 Social Cognition in</td>
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<td></td>
<td>Emerald B</td>
<td>Strategies for Schizophrenia and Depression</td>
<td>Schizophrenia</td>
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<td></td>
<td>Diamond</td>
<td>A Translational Neuroscience Perspective</td>
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<tr>
<td>16:20 - 16:40</td>
<td>Emerald A</td>
<td>Coffee Break</td>
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<tr>
<td>16:40 - 18:20</td>
<td>Emerald A</td>
<td>Thematic Lectures Advances in Asian</td>
<td>Symposium 8 Social-emotional Memory</td>
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<tr>
<td></td>
<td>Emerald B</td>
<td>Neuropsychopharmacology</td>
<td>Processing in Psychiatric Disorders</td>
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<td>Diamond</td>
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<tr>
<td>18:20 - 18:30</td>
<td>Emerald A</td>
<td>Evening Lecture &amp; Welcome Reception</td>
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<td></td>
<td>Emerald B</td>
<td>(Grand Ballroom)</td>
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## Sep. 24(Sat.), 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>AsCNP</th>
<th>KCNP</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:45</td>
<td>Emerald A</td>
<td>Plenary Lecture 2 Progress in Schizophrenia</td>
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<td></td>
<td>Emerald B</td>
<td></td>
<td>Research and its Relation to Future Drug</td>
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<tr>
<td></td>
<td>Diamond</td>
<td></td>
<td>Developments and Treatment Strategies</td>
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<tr>
<td>09:45 - 10:05</td>
<td>Emerald A</td>
<td>Coffee Break</td>
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</tr>
<tr>
<td>10:00 - 11:45</td>
<td>Emerald A</td>
<td>Symposium 11 (AsCNP-CINP Joint Symposium)</td>
<td>Symposium 12 Maximization of Clinical</td>
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<td></td>
<td>Emerald B</td>
<td>Recent Advances in Neuropsychopharmacology</td>
<td>Benefit of Clozapine in Asian Countries</td>
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<td>Diamond</td>
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<tr>
<td>11:45 - 12:30</td>
<td>Emerald A</td>
<td>Special Lecture 3 Back to the Future:</td>
<td>Special Lecture 4 Neuroimaging of Social</td>
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<td></td>
<td>Emerald B</td>
<td>Seeking Novel Drugs from Traditional</td>
<td>Brain and Emotional Brain: Implications</td>
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<td>Diamond</td>
<td>Knowledge</td>
<td>for Mood Disorder and Eating Disorder</td>
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<tr>
<td>12:40 - 13:40</td>
<td>Emerald A</td>
<td>Luncheon Seminar 4</td>
<td>Luncheon Seminar 5</td>
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<tr>
<td>13:40 - 14:30</td>
<td>Emerald B</td>
<td>Poster Presentations</td>
<td>Luncheon Lecture</td>
</tr>
<tr>
<td>14:30 - 16:10</td>
<td>Emerald A</td>
<td>Symposium 15 Recent Advances in</td>
<td>Symposium 16 Psychopathology and</td>
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<td></td>
<td>Emerald B</td>
<td>Pharmacotherapy for Anxiety Disorders</td>
<td>Electrophysiological Abnormality of</td>
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<td></td>
<td>Diamond</td>
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<td>Schizophrenia Patients</td>
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<tr>
<td>16:10 - 16:30</td>
<td>Emerald A</td>
<td>Closing Ceremony</td>
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<td>Emerald B</td>
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</tbody>
</table>
## Plenary Lecture 1
Chair: Shigeto Yamawaki (Hiroshima University, Japan)

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>09:15-10:00</td>
<td>Young Hoon Kim</td>
<td>A Role of AKT-GSK3 Signaling Pathway in the Action of Atypical Antipsychotic Drugs</td>
</tr>
</tbody>
</table>

## Symposium 1
**Optimal Pharmacological Treatment for Patients with First Episode Psychosis (FEP)**
Chair: Young-Chul Chung (Chonbuk National University, Korea)  
Co-Chair: Hai-Gwo Hwu (National Taiwan University, Taiwan)

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>10:20-12:00</td>
<td>Hai-Gwo Hwu</td>
<td>Predictors of Treatment Response in FEP: An Optimal Holistic Treatment for FEP</td>
</tr>
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<td></td>
<td>Kotaro Hatta</td>
<td>Comparative Effectiveness of Second Generation Antipsychotics in First-episode Psychosis</td>
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<td></td>
<td>Tianmei Si</td>
<td>Early Use of Clozapine in First-episode Patients</td>
</tr>
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<td></td>
<td>Sang-Hyuk Lee</td>
<td>Use of Long-acting Antipsychotics in First-episode Psychosis</td>
</tr>
</tbody>
</table>

## Symposium 2
**Recent Advances in Pharmacotherapy for Mood Disorders**
Chair: Moon Yong Chung (Seoul Veterans Hospital, Korea)  
Co-Chair: Teruhiko Higuchi (NCNP, Japan)

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:20-12:00</td>
<td>Thomas E. Schlaepfer</td>
<td>Biological Aspects of Mood Disorder</td>
</tr>
<tr>
<td></td>
<td>Duk-In Jon</td>
<td>The Clinical Trials in Patients with Depression Conducted in Korea</td>
</tr>
<tr>
<td></td>
<td>Won Kim</td>
<td>The Clinical Trials in Patients with Bipolar Disorder Conducted in Korea</td>
</tr>
<tr>
<td></td>
<td>Chia-Yih Liu</td>
<td>Combination Therapy - A More Efficient Treatment Strategy for Major Depressive Disorder</td>
</tr>
</tbody>
</table>
**Symposium 3**

**Breaking Researches on Neuropsychopharmacology: From Basic Neuroscience Research to Clinical Study**

*Chair:* Xin Yu (Peking University, China)

*Co-Chair:* Doh Kwan Kim (Sungkyunkwan University, Korea)

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Speaker</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>10:20-12:00</td>
<td>Diamond</td>
<td>Jae-Min Kim (Chonnam National University, Korea)</td>
<td>Vascular Risk / Disease and Depression in Late-life</td>
</tr>
<tr>
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<td></td>
<td>Deng Hong (Huaxi Hospital Mental Health Center, China)</td>
<td>Establishment and Evaluation of an Integrative Rehabilitation Model for Schizophrenia in Southwest China</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Doh Kwan Kim (Sungkyunkwan University, Korea)</td>
<td>Discovery and Application of Genomic Markers of Antidepressant Treatment</td>
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<td></td>
<td></td>
<td>Jong-Hoon Kim (Gachon University, Korea)</td>
<td>Effects of Age on Dopamine D2/3 Receptor Availability in Striatal Subdivisions: A High-Resolution Positron Emission Tomography Study</td>
</tr>
</tbody>
</table>

**Symposium 4**

**New Targets for Medical Treatment of Substance Use Disorders**

*Chair:* Ichiro Sora (Tohoku University, Japan)

*Co-Chair:* Sung-Gon Kim (Pusan National University, Korea)

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Speaker</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>10:20-12:00</td>
<td>Swan</td>
<td>Kiyofumi Yamada (Nagoya University, Japan)</td>
<td>Nicotinic Receptors: A Potential Drug Target for Treatment of Cognitive Impairments Associated with Methamphetamine Dependence</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hyoung-Chun Kim (Kangwon National University, Korea)</td>
<td>Protective Potential of Glutathione Peroxidase Gene in Methamphetamine-induced Neuropsychotoxicity</td>
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<td></td>
<td></td>
<td>Doo-Sup Choi (Mayo Clinic College of Medicine, USA)</td>
<td>Adenosine-regulated Glutamate Signaling in the Striatum: Novel Targets for Alcohol Use Disorders</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kazutaka Ikeda (Tokyo Metropolitan Institute of Medical Science, Japan)</td>
<td>GIRK Channels as Candidate Targets for Pharmacotherapy of Drug and Alcohol Dependence</td>
</tr>
</tbody>
</table>
Luncheon Seminar 1  
**Metabolic Syndrome in Patients Taking Second Generation Antipsychotics**  
Chair: Jun Soo Kwon (Seoul National University, Korea)  
12:10-13:10  
Yong Sik Kim (Seoul National University, Korea)  
Metabolic Syndrome in Patients Taking Second Generation Antipsychotics

Luncheon Seminar 2  
**The Challenge of Improving Treatment Outcomes in Depression**  
Chair: Cheol Lee (The Catholic University of Korea, Korea)  
12:10-13:10  
Ho-Suk Suh (CHA University, Korea)  
Examining Opportunities for Increasing Treatment Success in Mood Disorders  
12:40-13:10  
Ornah T. Levine-Dolberg (Lundbeck HQ)  
Using the Latest Evidence to its Full Potential in the Treatment of Mood & Anxiety Disorders - Opportunities for Increasing Treatment Success

Luncheon Seminar 3  
Chair: Won-Myong Bahk (The Catholic University of Korea, Korea)  
12:10-13:10  
Sung-Wan Kim (Chonnam National University, Korea)  
“Balanced Approach” in the Long-term Schizophrenia Treatment
### Symposium 5
Translational Researches on Bipolar Disorders: From Bench to Clinic

**Chair:** Kyooseob Ha *(Seoul National University, Korea)*  
**Co-Chair:** Ru-Band Lu *(National Cheng Kung University, Taiwan)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:50-15:30</td>
<td>ZeeZhi Li <em>(Shanghai Mental Health Center, China)</em></td>
<td>Down-regulated Brain-derived Neurotrophic Factor Expression is Involved in Bipolar Disorder</td>
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<tr>
<td></td>
<td>Hiroaki Kawasaki <em>(Kyushu University, Japan)</em></td>
<td>Temperament and Character Inventory Scale (TCI) and Genetic Variants with Japanese Bipolar Disorder</td>
</tr>
<tr>
<td></td>
<td>Yun-Hsuan Chang <em>(National Cheng Kung University, Taiwan)</em></td>
<td>Comorbidity Rate of Alcoholism in Bipolar Disorders</td>
</tr>
<tr>
<td></td>
<td>Boseok Cha <em>(Gyeongsang National University, Korea)</em></td>
<td>Psychiatric and Physical Comorbidity of Bipolar Disorder Patients in Korea</td>
</tr>
</tbody>
</table>

### Symposium 6
Study of Bipolar Disorder among the South-East Asia Countries

**Chair:** Andi J. Tanra *(Hasanuddin University, Indonesia)*  
**Co-Chair:** Rusdi Abd Rashid *(Malaysian Psychiatric Association, Malaysia)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:50-15:30</td>
<td>Roger Chun Man Ho <em>(National University of Singapore, Singapore)</em></td>
<td>Lipidomic Signature in the Serum of Bipolar Disorder and Depressive Disorder by Profiling of Case-control Collections</td>
</tr>
<tr>
<td></td>
<td>Anne H. A Yee <em>(University of Malaya, Malaysia)</em></td>
<td>SubSTANCE USE AND Bipolar DISORDER: The Prevalence, Psychosocial Correlations and Outcomes at University Malaya Medical Centre (UMMC), Malaysia</td>
</tr>
<tr>
<td></td>
<td>Margarita M. Maramis <em>(Airlangga University, Indonesia)</em></td>
<td>Pattern of Psychopharmacotherapy in Bipolar Patients at Surabaya-Indonesia</td>
</tr>
<tr>
<td></td>
<td>Andi J. Tanra <em>(Hasanuddin University, Indonesia)</em></td>
<td>Genetic Analysis of Bipolar Disorder in Makasar, Indonesia</td>
</tr>
</tbody>
</table>
### Symposium 7

A New Paradigm of Genetic Studies in Psychopharmacology

Chair: Yeon Ho Joo (University of Ulsan, Korea)
Co-Chair: Joseph D. Terwilliger (Columbia University, USA)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:50-15:30</td>
<td>S7-1</td>
<td>Joseph D. Terwilliger</td>
<td>Study Design for Genetic Studies in Psychiatry</td>
</tr>
<tr>
<td></td>
<td>S7-2</td>
<td>Kyung Sue Hong</td>
<td>Pharmacogenetics of Adverse Effects of Antipsychotics</td>
</tr>
<tr>
<td></td>
<td>S7-3</td>
<td>Gavin P. Reynolds</td>
<td>Pharmacogenetics of Symptom Response to Antipsychotic Treatment</td>
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<td>Discusson</td>
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</table>

### New Research 1 (Oral Presentation 1)

Chair: Joocheol Shim (Inje University, Korea)
Co-Chair: Tetsuro Ohmori (University of Tokushima, Japan)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>13:50-15:30</td>
<td>NR1-1</td>
<td>Hsiao-Lun Ku</td>
<td>Dynamic Associations between Neuroimage Findings and Emotional Changes One Week and One Month after Ischemic Stroke</td>
</tr>
<tr>
<td></td>
<td>NR1-2</td>
<td>Mamiko Koshiba</td>
<td>Multi-parametric Correlation Analysis of Behavioral and Biophysical Signals in Animal Models Can Be Applicable to Diagnosis of Socio-emotional Development and QOL Improvement over All Generation</td>
</tr>
<tr>
<td></td>
<td>NR1-3</td>
<td>Soo-Hee Choi</td>
<td>Neural Network Functional Connectivity During an Episode of Delirium</td>
</tr>
<tr>
<td></td>
<td>NR1-4</td>
<td>Daeyoung Roh</td>
<td>Two-year Follow-up of Deep Brain Stimulation for Refractory Obsessive-compulsive Disorder</td>
</tr>
<tr>
<td></td>
<td>NR1-5</td>
<td>Reiji Yoshimura</td>
<td>No Association between Responses to the Addition of an Atypical Antipsychotic Drug to a SSRI or SNRI and BDNF (Val66Met) Polymorphism in Refractory Major Depressive Disorder in Japanese Patients</td>
</tr>
</tbody>
</table>
### Special Lecture 1
**Chair:** Young Hoon Kim (Inje University, Korea)  
**15:30-16:20**  
**Emerald A**  

| SL1   | John H. Krystal (Yale University School of Medicine, USA)  
|       | Glutamatergic Treatment Strategies for Schizophrenia and Depression: A Translational Neuroscience Perspective |

### Special Lecture 2
**Chair:** Yuan-Hwa Chou (Taipei Veterans General Hospital, Taiwan)  
**15:30-16:20**  
**Emerald B**  

| SL2   | Chang-Yoon Kim (University of Ulsan, Korea)  
|       | Social Cognition in Schizophrenia |

### Meet the Expert 1
**Chair:** Hyun-Sang Cho (Yonsei University, Korea)  
**15:30-16:20**  
**Diamond**  

| ME1   | Brian Dean (Mental Health Research Institute and University of Melbourne, Australia)  
|       | New Approaches to Targeting Muscarinic Receptors to Treat Psychiatric Disorders |

### Thematic Lectures
**Advances in Asian Neuropsychopharmacology**  
**Chair:** Chan-Hyung Kim (Yonsei University, Korea)  
**16:40-18:20**  
**Emerald A**  

| TL1   | Xin Yu (Peking University, China)  
|       | Neurocognition Assessment and Psychopharmacological Treatment |
| TL2   | Shigenobu Kanba (University of Kyushu, Japan)  
|       | Current Perspective on Neurobiology of Depression |
| TL3   | Yuan-Hwa Chou (Taipei Veterans General Hospital, Taiwan)  
|       | Interaction of BDNF and Brain Serotonin Transporter (SERT) Expression in Different Genotyping of Serotonin Transporter Gene in Asian Population: A New Insight for the Development of Antidepressant |

**Discussion**
### Symposium 8
Social-emotional Memory Processing in Psychiatric Disorders: A New Aspect of Psychopharmacology

**Chair:** Jun Ishigooka (Tokyo Women's Medical University, Japan)
**Co-Chair:** Li Xiaobai (China Medical University, China)

**16:40-18:20**

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<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>S8-1</td>
<td>Emotional Memory and Animal Models of Psychiatric Disorders: An Overview and Learning-based Animal Models of Anxiety</td>
<td>Takeshi Inoue</td>
<td>Hokkaido University, Japan</td>
</tr>
<tr>
<td>S8-2</td>
<td>Behavioral Pharmacology of Depression: Focusing on the Chronic Mild Stress in Rodent</td>
<td>Li Xiaobai</td>
<td>China Medical University, China</td>
</tr>
<tr>
<td>S8-3</td>
<td>Amygdala Dopamine Release in Response to Conditioned Fear-induced Stress in a Rat Model of Schizophrenia</td>
<td>Ken Inada</td>
<td>Tokyo Women's Medical University, Japan</td>
</tr>
<tr>
<td>S8-4</td>
<td>Emotion and Memory: Considerations from Psychiatric Disorders</td>
<td>Kyoung-Uk Lee</td>
<td>The Catholic University of Korea, Korea</td>
</tr>
</tbody>
</table>

### Symposium 9
Depression – From Aetiology to Pathology and Treatment Effects

**Chair:** Gavin P. Reynolds (Sheffield Hallam University, UK)
**Co-Chair:** ZhiJun Zhang (SouthEast University, China)

**16:40-18:20**

<table>
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<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>S9-1</td>
<td>Brain NAA Deficits in Depression – A Marker of Neuronal Pathology</td>
<td>Gavin P. Reynolds</td>
<td>Sheffield Hallam University, UK</td>
</tr>
<tr>
<td>S9-2</td>
<td>The Learning and Memory Alterations are Associated with Hippocampal N-acetylaspartate in an Animal Model of Depression as Measured by 1H-MRS</td>
<td>ZhiJun Zhang</td>
<td>SouthEast University, China</td>
</tr>
<tr>
<td>S9-3</td>
<td>Association Study of Tryptophan Hydroxylase 2 and Serotonin Transporter Genes with Major Depressive Disorder in Malaysian Ethnic Subgroups</td>
<td>Zahurin Binti Mohamed</td>
<td>University of Malaya, Malaysia</td>
</tr>
<tr>
<td>S9-4</td>
<td>Influence and Interaction of Genetic Polymorphisms in the Monoaminergic System on Antidepressant Drug Response</td>
<td>Xiang Rong Zhang</td>
<td>Southeast University, China</td>
</tr>
</tbody>
</table>
### Symposium 10
**Neurogenesis in Depression and Addiction**

**Chair:** Han Yong Chung (Soonchunhyang University, Korea)
**Co-Chair:** Toshikazu Saito (Sapporo Medical University, Japan)

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<tr>
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<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
<th>Topic</th>
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<tbody>
<tr>
<td>16:40-18:20</td>
<td>S10-1</td>
<td>Shih-Jen Tsai</td>
<td>Taipei Veterans General Hospital, Taiwan</td>
<td>The Role of BDNF and Receptors in Depression and Antidepressant Action</td>
</tr>
<tr>
<td></td>
<td>S10-2</td>
<td>Yong-Ku Kim</td>
<td>Korea University, Korea</td>
<td>Stress, Inflammation and Neurogenesis in Depression</td>
</tr>
<tr>
<td></td>
<td>S10-3</td>
<td>Toshikazu Saito</td>
<td>Sapporo Medical University, Japan</td>
<td>Neurogenesis of Alcohol Related Problems and Depression</td>
</tr>
<tr>
<td></td>
<td>S10-4</td>
<td>Dai Jin Kim</td>
<td>The Catholic University of Korea, Korea</td>
<td>Neurogenesis and Addiction (alcohol and smoking)</td>
</tr>
</tbody>
</table>

### Evening Lecture

**Chair:** Min Cheol Park (Wonkwang University, Korea)

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<tr>
<th>Time</th>
<th>Location</th>
<th>Speaker</th>
<th>Institution</th>
<th>Topic</th>
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<tbody>
<tr>
<td>18:30-18:50</td>
<td>Grand Ballroom</td>
<td>Sung Kil Min</td>
<td>Seoul Metropolitan Eunpyeong Hospital, Korea</td>
<td>Anger: A Forgotten Emotion in Psychiatric Research</td>
</tr>
</tbody>
</table>
### Plenary Lecture 2

**Chair:** Jin-Sang Yoon (Chonnam National University, Korea)

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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>09:00-09:45</td>
<td>Hans-Jürgen Möller (University Clinic of Munich, Germany)</td>
<td>Progress in Schizophrenia Research and its Relation to Future Drug Developments and Treatment Strategies</td>
</tr>
</tbody>
</table>

### Symposium 11 (AsCNP-CINP Joint Symposium)

**Recent Advances in Neuropsychopharmacology**

**Chair:** Jun Soo Kwon (Seoul National University, Korea)
**Co-Chair:** Hans-Jürgen Möller (University Clinic of Munich, Germany)

<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>10:05-11:45</td>
<td>S11-1</td>
<td>Anthony G. Phillips (UBC Institute of Mental Health, Canada)</td>
<td>Glucocorticoid Receptors in the Pre-frontal Cortex: Novel Targets for Stress-induced Cognitive Deficits</td>
</tr>
<tr>
<td></td>
<td>S11-2</td>
<td>Brian Dean (Mental Health Research Institute and University of Melbourne, Australia)</td>
<td>The Need to Consider Functional Pharmacology in Understanding the Efficacy of Antipsychotic Drugs</td>
</tr>
<tr>
<td></td>
<td>S11-3</td>
<td>Yeon Ho Joo (University of Ulsan, Korea)</td>
<td>Antipsychotics and Remissions in Schizophrenia and Bipolar Disorder</td>
</tr>
<tr>
<td></td>
<td>S11-4</td>
<td>Nakao Iwata (Fujita Health University, Japan)</td>
<td>Polypharmacy and Medication-adherence in Antipsychotics Treatment in Japanese Clinical Setting</td>
</tr>
</tbody>
</table>
## Symposium 12
**Maximization of Clinical Benefit of Clozapine in Asian Countries**

**Chair:** Tetsuro Ohmori *(University of Tokushima, Japan)*  
**Co-Chair:** Chan-Hyung Kim *(Yonsei University, Korea)*

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>S12-1 10:05</td>
<td>Yasuhiro Kaneda (Iwaki Clinic Tokushima, Japan)</td>
<td>Long Term Effects of Clozapine on Cognitive and Social Function in Schizophrenia</td>
</tr>
<tr>
<td>S12-2 10:05</td>
<td>Ya Mei Bai (Taipei Veterans General Hospital, Taiwan)</td>
<td>Long Term Clinical and Metabolic Effects of Clozapine</td>
</tr>
<tr>
<td>S12-3 10:05</td>
<td>Su Young Lee (Kwandong University, Korea)</td>
<td>The 20 years Experiences of Clozapine and its Optimal Use in Korea</td>
</tr>
<tr>
<td>S12-4 10:05</td>
<td>Ichiro Kusumi (Hokkaido University, Japan)</td>
<td>Pharmacological Profile of Clozapine and its Clinical Implication</td>
</tr>
</tbody>
</table>

## Symposium 13
**Omega-3 Fatty Acids in Depression and Anxiety: From Bench to Bedside**

**Chair:** Kuan-Pin Su *(China Medical University, Taiwan)*  
**Co-Chair:** Chang Uk Lee *(The Catholic University of Korea, Korea)*

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<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>S13-1 10:05</td>
<td>David Mischoulon (Massachusetts General Hospital, USA)</td>
<td>Fish Oil as an Antidepressant: Recent Clinical Evidence</td>
</tr>
<tr>
<td>S13-2 10:05</td>
<td>Kei Hamazaki (University of Toyama, Japan)</td>
<td>Omega-3 Fatty Acids for Secondary Prevention of Posttraumatic Stress Disorder Following Accidental Injury</td>
</tr>
<tr>
<td>S13-3 10:05</td>
<td>Kuan-Pin Su (China Medical University &amp; Hospital, Taiwan)</td>
<td>Mind-body Interface: Omega-3 Fatty Acids in Somatic Anxious Symptoms in Depression</td>
</tr>
<tr>
<td>S13-4 10:05</td>
<td>Cai Song (Dalhousie University, Canada)</td>
<td>Omega-3 Fatty Acids on Depression, Anxiety and Sickness Behaviour in Animal Models</td>
</tr>
</tbody>
</table>
### Symposium 14
The Neuropsychopharmacological Treatment Approach in ADHD: From Neurobiological to Functional Imaging Perspective

Chair: Soo-Churl Cho (Seoul National University, Korea)
Co-Chair: Keiko Yoshida (Kyushu University, Japan)

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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:05-11:45</td>
<td>Swan</td>
<td>S14-1 The Effect of 20 mg Long-acting Methylphenidate toward Neurometabolite Changing in Prefrontal Cortex and Anterior Cingulated Gyrus: A 1H Magnetic Resonance Spectroscopy (MRS) Study</td>
<td>Tjhin Wiguna (University of Indonesia, Indonesia)</td>
<td>University of Indonesia, Indonesia</td>
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<td></td>
<td></td>
<td>S14-2 A Clinical Experience in Strategy of Psycho-Pharmacotherapy for Aggressive Adolescent</td>
<td>Tsuneo Takei (Kyushu University, Japan)</td>
<td>Kyushu University, Japan</td>
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<td>S14-3 Changes of Regional Cerebral Blood Flow after Methylphenidate Treatment in Children with ADHD: SPECT Study</td>
<td>Young Hui Yang (Pusan National University, Korea)</td>
<td>Pusan National University, Korea</td>
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<td></td>
<td>S14-4 The Effect of Zinc Augmentation in Managing Children with ADHD: A Preliminary Observation</td>
<td>Sasanti Yuniar Santo Sewoyo (Airlangga University, Indonesia)</td>
<td>Airlangga University, Indonesia</td>
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### Special Lecture 3
Chair: Yong Sik Kim (Seoul National University, Korea)

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<th>Session</th>
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<tbody>
<tr>
<td>11:45-12:30</td>
<td>Emerald A</td>
<td>SL3 Back to the Future: Seeking Novel Drugs from Traditional Knowledge</td>
<td>Anthony G. Phillips (UBC Institute of Mental Health, Canada)</td>
<td>UBC Institute of Mental Health, Canada</td>
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</tbody>
</table>

### Special Lecture 4
Chair: Tung-Ping Tom Su (Taipei Veterans General Hospital, Taiwan)

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<th>Session</th>
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<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>11:45-12:30</td>
<td>Emerald B</td>
<td>SL4 Neuroimaging of Social Brain and Emotional Brain: Implications for Mood Disorder and Eating Disorder</td>
<td>Shigeto Yamawaki (Hiroshima University, Japan)</td>
<td>Hiroshima University, Japan</td>
</tr>
</tbody>
</table>
Meet the Expert 2
**Chair:** Kichung Paik (Dankook University, Korea)

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<th>Time</th>
<th>Speaker</th>
<th>Venue</th>
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<tbody>
<tr>
<td>11:45-12:30</td>
<td>Joseph Zohar (Tel Aviv University, Israel)</td>
<td>Diamond</td>
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<tr>
<td></td>
<td>Focus on Where We Draw the Line on Issues such as Delusions and Obsessions, Behavioral Addiction and Treatment Resistant OCD</td>
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Luncheon Seminar 4
**Shaping the Future of Schizophrenia Patients with Invega Sustenna**
**Chair:** Chang-Yoon Kim (University of Ulsan, Korea)

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<th>Time</th>
<th>Speaker</th>
<th>Venue</th>
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<tbody>
<tr>
<td>12:40-13:40</td>
<td>Sungku Choi (Janssen Korea, Korea)</td>
<td>Emerald A</td>
</tr>
<tr>
<td></td>
<td>Shaping the Future of Schizophrenia Patients with Invega Sustenna</td>
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</tr>
<tr>
<td>12:40-13:00</td>
<td>Discusants - SungKu Choi (Janssen Korea) / Suk Koon An(Yonsei University, Korea) / Yuan-Hwa Chou (Taipei Veterans General Hospital, Taiwan)</td>
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<tr>
<td>13:00-13:40</td>
<td>Panel Discussion on the Optimal Patients for Invega Sustenna</td>
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Luncheon Seminar 5
**Duloxetine - Scientific Data and Clinical Development in Depression**
**Chair:** Jin-Sang Yoon (Chonnam National University, Korea)

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<th>Time</th>
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<tbody>
<tr>
<td>12:40-13:40</td>
<td>Thomas E. Schlaeper (University of Bonn, Germany)</td>
<td>Emerald B</td>
</tr>
<tr>
<td></td>
<td>Duloxetine - Scientific Data and Clinical Development in Depression</td>
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Luncheon Lecture
**Chair:** Sung Kil Min (Seoul Metropolitan Eunpyeong Hospital, Korea)

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<th>Venue</th>
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<tbody>
<tr>
<td>12:40-13:40</td>
<td>Min-Soo Lee (Korea University, Korea)</td>
<td>Diamond</td>
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<td>Pharmacogenetics in Psychiatry: Is it Ready for Clinical Application?</td>
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</table>
### Symposium 15  
**Recent Advances in Pharmacotherapy for Anxiety Disorders**

**Chair:** Kang Sub Oh *(Sungkyunkwan University, Korea)*  
**Co-Chair:** Joseph Zohar *(Tel Aviv University, Israel)*

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<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>14:30-16:10</td>
<td>S15-1</td>
<td>Erin Chia-Hsuan Wu <em>(Far East Polyclinic, Taiwan)</em></td>
<td>Pharmacotherapy of Panic Disorder in Taiwan</td>
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<tr>
<td></td>
<td>S15-2</td>
<td>Jeong-Ho Chae <em>(The Catholic University of Korea, Korea)</em></td>
<td>Use of r-TMS in Treatment of Anxiety Disorders</td>
</tr>
<tr>
<td></td>
<td>S15-3</td>
<td>Min Seong Koo <em>(Kwandong University, Korea)</em></td>
<td>Role of Dopamine in Pathophysiology and Treatment of Obsessive-compulsive Disorder</td>
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<tr>
<td></td>
<td>S15-4</td>
<td>Joseph Zohar <em>(Tel Aviv University, Israel)</em></td>
<td>PTSD - The Future of a Disorder where the Past is Always Present: Interplay between Preclinical, Clinical and Translational Research</td>
</tr>
</tbody>
</table>

### Symposium 16  
**Psychopathology and Electrophysiological Abnormality of Schizophrenia Patients**

**Chair:** Dae-Yeob Kang *(Young-in Mental Hospital, Korea)*  
**Co-Chair:** He Yanling *(Shanghai Mental Health Center, China)*

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>14:30-16:10</td>
<td>S16-1</td>
<td>Junghee Lee <em>(University of California, USA)</em></td>
<td>Underlying Mechanisms of Social Cognitive Impairments in Schizophrenia</td>
</tr>
<tr>
<td></td>
<td>S16-2</td>
<td>Toshiaki Onitsuka <em>(Kyushu University, Japan)</em></td>
<td>Reduced High and Low Frequency Gamma Synchronisation and Auditory Hallucinations in Schizophrenia</td>
</tr>
<tr>
<td></td>
<td>S16-3</td>
<td>Seung-Hwan Lee <em>(Inje University, Korea)</em></td>
<td>Facial Perception Abnormality Reflect Psychopathology of Schizophrenia Patients</td>
</tr>
<tr>
<td></td>
<td>S16-4</td>
<td>Mariko Tada <em>(University of Tokyo, Japan)</em></td>
<td>Mismatch Negativity and Gamma Band Auditory Steady-state Response in Subjects with an At-risk Mental State and First-episode Schizophrenia Patients</td>
</tr>
</tbody>
</table>
### Symposium 17

**Genetics and Neuroimaging of Autism Spectrum Disorders (ASD): Targeting to the Pharmacological Approach**

**Chair:** Nobumasa Kato *(Showa University, Japan)*

**Co-Chair:** Chul-Ho Jung *(Keimung University, Korea)*

**14:30-16:10**

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</table>
| **S17-1** | **Yeni Kim** *(Seoul National Hospital, Korea)*  
Molecular Targets for Neuropharmacological Treatment in Autism Spectrum Disorders |
| **S17-2** | **Tsukasa Sasaki** *(University of Tokyo, Japan)*  
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| **S17-3** | **Hidenori Yamasue** *(University of Tokyo, Japan)*  
Oxytocina and Autism, Imaging Genetics and Pharmatherapeutic Implication |
| **S17-4** | **Susan Shur-Fen Gau** *(National Taiwan University, Taiwan)*  
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### New Research 2 (Oral Presentation 2)

**Chair:** In-Won Chung *(Dongguk University, Korea)*

**Co-Chair:** Hsien-Yuan Lane *(China Medical University, Taiwan)*

**14:30-16:10**

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| **NR2-1** | **Kyung Soon Shin** *(Seoul National University, Korea)*  
Neuromagnetic Evidence of Abnormal Auditory Evoked Response and its Relation to Cortical Thickness in Ultra-High-Risk for Psychosis and Patients with Schizophrenia |
| **NR2-2** | **Atsushi Sato** *(The University of Tokyo, Japan)*  
Autism-like Behaviors in Mouse Models of Tuberous Sclerosis Complex and their Recovery by Rapamycin |
| **NR2-3** | **Youl-Ri Kim** *(Inje University, Korea)*  
Medical Findings in Korean Patients with Eating Disorders |
| **NR2-4** | **Anu Kant Mital** *(Rajiv Gandhi Medical College, India)*  
Neurological Correlates of Empathy in Psychiatric Disorders and Especially in Autism |
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**Some Big Questions for Bipolar Disorder**

**Chair:** Baik Seok Kee (Chungang University, Korea)
**Co-Chair:** Youngmyo Jae (Bong Seng Hospital, Korea)

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<td>Hyun-Sang Cho (Yonsei University, Korea)</td>
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**Sleep and Wake: From Basic Science to Clinical Practice**

**Chair:** In Young Yoon (Seoul National University, Korea)
**Co-Chair:** Doo-Heum Park (Kunkuk University, Korea)

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<td>Hong Beom Shin (Komoki Sleep Center, Korea)</td>
<td>Antidepressant as a Hypnotic Drug</td>
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Chair: Seong Yoon Kim (University of Ulsan, Korea)
15:30-16:20 Flamingo

K-SL1 Joseph D. Terwilliger (Columbia University, USA)
Perspectives on Psychiatric Genetics: What We Know and Why We Don't Know
What We Don't Know

K-Symposium 3
Evidence-based Treatment for ADHD: “Real-World” Practice Implications
Chair: Dong-Ho Song (Yonsei University, Korea)
Co-Chair: Young Sik Lee (Chungang University, Korea)
16:40-18:20 Flamingo

K-S3-1 Jun-Won Hwang (Eulji University, Korea)
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K-S3-2 Soyoung Lee (Soochunhyang University, Korea)
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K-S3-3 Keun-ah Cheon (Yonsei University, Korea)
Prediction of Treatment Response in ADHD

K-S3-4 Hyo-Won Kim (University of Ulsan, Korea)
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Saturday, September 24, 2011

**K-Symposium 4**  
Discrepancies of Pharmacotherapy between Textbooks and Real World Clinical Practice, Part III  
Chair: Hyo-Deog Rim (Kyungpook National University, Korea)  
Co-Chair: Ihn-Geun Choi (Hallym University, Korea)  
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K-S4-1 Sang-Yeol Lee (Wonkwang University, Korea)  
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K-S4-2 Young Chul Shin (Sungkyunkwan University, Korea)  
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K-S4-3 Dai-Jin Kim (The Catholic University of Korea, Korea)  
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Development Self-face Recognition Test

P_269  Wakako Nakano (University of Occupational and Environmental Health, Japan)  
Changes in Recent 10 Years in Antipsychotic Pharmacotherapy for Inpatients with Schizophrenia in East Asia -- Results from Research on East Asia Psychotropic Prescription Pattern (REAP)

P_270  Yuji Ozeki (Dokkyo Medical University, Japan)  
QTc Interval in Drug Naïve Schizophrenic Patients

P_271  Shunji Matsuki (Kyushu Clinical Pharmacology Research Clinic, Japan)  
How Should We Evaluate the Tolerability of Higher-dose Psychotropic Agents Given to Healthy Subjects in Bioequivalence Trials?

P_272  Yu-Wen Chiu (Chang Gung Memorial Hospital, Taiwan)  
Complaint of Insomnia as a Predictor of Aging Symptoms in Males at a Men’s Health Clinic

P_273  Takeo Tominaga (The University of Tokushima, Japan)  
Seven Year-acute and Maintenance Modified Electroconvulsive Therapy for an Elderly Patient with Catatonia

P_274  Chan Hong Lee (Inje University, Korea)  
Differential Effects of Acute, Subchronic and Chronic Immobilization Stress on Synaptic Proteins Levels in Rat Hippocampus

P_275  Changsu Han (Korea University, Korea)  
Survey on Clinical Research Participation of Community Living Elderly

P_276  Sung-Wan Kim (Chonnam National University, Korea)  
Risperidone Versus Olanzapine for the Treatment of Delirium

P_277  Ji-Eun Jang (Chonnam National University, Korea)  
Association between Severity of Delirium and Mortality in Patients with Cancer

P_278  Sang-Shin Lee (Kosin University, Korea)  
The Efficacy of Ondansetron in Diarrhea-predominant Irritable Bowel Syndrome: A Case Report

P_279  Jae Min Kim (Yonsei University, Korea)  
Relevance for Anti-depressive Effect of Repetitive Transcranial Magnetic Stimulation and Changes of Functional Connectivity after rTMS in Depression
New Research (Oral Presentation) Award

- Soo-Hee Choi (Yonsei University, Korea)  
  Neural Network Functional Connectivity During an Episode of Delirium

- Jong-Hoon Kim (Gachon University, Korea)  
  Effects of Age on Dopamine D2/3 Receptor Availability in Striatal Subdivisions: A High-Resolution Positron Emission Tomography Study

- Youl-Ri Kim (Inje University, Korea)  
  Medical Findings in Korean Patients with Eating Disorders

- Mamiko Koshiba (Tokyo University of Agriculture and Technology, Japan)  
  Multi-parametric Correlation Analysis of Behavioral and Biophysical Signals in Animal Models Can Be Applicable to Diagnosis of Socio-emotional Development and QOL Improvement over All Generation

- Hsiao-Lun Ku (Taipei Veterans General Hospital, Taiwan)  
  Dynamic Associations between Neuroimage Findings and Emotional Changes One Week and One Month after Ischemic Stroke

- Daeyoung Roh (Yonsei University, Korea)  
  Two-year Follow-up of Deep Brain Stimulation for Refractory Obsessive-compulsive Disorder

- Atsushi Sato (The University of Tokyo, Japan)  
  Autism-like Behaviors in Mouse Models of Tuberous Sclerosis Complex and Their Recovery by Rapamycin

- Kyung Soon Shin (Seoul National University, Korea)  
  Neuromagnetic Evidence of Abnormal Auditory Evoked Response and Its Relation to Cortical Thickness in Ultra-High-Risk for Psychosis and Patients with Schizophrenia

- Reiji Yoshimura (University of Occupational and Environmental Health, Japan)  
  No Association between Responses to the Addition of an Atypical Antipsychotic Drug to a SSRI or SNRI and BDNF (Val66Met) Polymorphism in Refractory Major Depressive Disorder in Japanese Patients
Young Investigator Fellowship Award

- Agus Japari (Hasanuddin University, Indonesia)
  Comparison of Venlafaxine and Amitryptiline to the Degree Depression, Blood Pressure and Sexual Dysfunction in Depressed Patient

- Akihiro Mouri (Meijo University, Japan)
  Mouse Strain Differences in Phencyclidine-induced Behavioral Changes

- Atsushi Sato (The University of Tokyo, Japan)
  Autism-like Behaviors in Mouse Models of Tuberous Sclerosis Complex and their Recovery by Rapamycin

- Borah Kim (CHA University, Korea)
  Association Among Serotonin Transporter Gene (SLC6A4) Promoter Polymorphism (5-HTTLPR), Early Life Parental Death and Anxiety Sensitivity of Panic Disorder: Preliminary Study

- Daeyeong Roh (Yonsei University, Korea)
  Development of a Computer Based Symmetry and Arrangement Symptoms Measures in Obsessive-compulsive Disorder

- Daisuke Nishizawa (Tokyo Metropolitan Institute of Medical Science, Japan)
  Association Analysis between GIRK2 Gene Polymorphisms and Opioid Sensitivity

- Dong Hoon Oh (Hanyang University, Korea)
  Neuropathological Abnormalities of Astrocytes, Gabaergic Neurons and Pyramidal Neurons in the Dorsolateral Prefrontal Cortices of Patients with Major Depressive Disorder

- Fang Wang (Peking University, China)
  Lack of Association between FTO Polymorphism and Anti-psychotics Induced Weight Gain in a Chinese Han Population

- Hiroshi Nomura (The University of Tokyo, Japan)
  Anxiolytic-like Behavior in Rats with Dentate Gyrus Lesions

- Je-Yeon Yun (Seoul National University, Korea)
  Executive Dysfunction and Resting State Functional Connectivity Alteration in Obsessive-compulsive Disorder

- Jian-Jun Ou (Central South University, China)
  The Effects of Clozapine and Olanzapine on Food Intake, Weight Gain and Glucose Transporter 4 Gene Expression in Skeletal Muscle of Rats

- Jin Young Park (Yonsei University, Korea)
  Coupling between Slow and Fast Oscillations on Working Memory Load

- Qinling Wei (SUN Yat-sen University, China)
  Association of the ZNF804A Gene Polymorphism rs1344706 with White Matter Integrity Changes in Schizophrenia

- Kai-Chun Yang (Taipei Veterans General Hospital Yuanshan Branch, Taiwan)
  Relationship between Cerebral Morphology and Striatal Dopamine Transporter Binding in Humans

- Kazutaka Ohi (Osaka University, Japan)
  Variants of the Rela Gene are Associated with Schizophrenia and their Startle Responses
Kimihiko Watanabe (Sapporo Medical University, Japan)
Serum BDNF as a Potential Biomarker for Fetal Alcohol Effects

Kyungun Jhung (Yonsei University, Korea)
Small-world Networks in Ultra-high Risk for Psychosis and First-episode Schizophrenia

Maorong Hu (Central South University, China)
Comparison of Memory Function in First-episode Schizophrenia Patients before and after Treatment of Risperidone

Maosheng Fang (Mental Health Center, Tongji Medical College of Huazhong University of Science and Technology, China)
Comparison of Risperidone Oral Solution (RIS-OS) and Intramuscular Haloperidol with the Latter Shifting to Oral Therapy for the Treatment of Acute Agitation in Patients with Schizophrenia

Qing Zhao (Institute of Psychology, Chinese Academy of Sciences, China)
Further Exploration of Clinical Utility of Neurological Soft Signs: Discrimination of Bipolar Disorder from Major Depression

Sang Joon Son (Yonsei University, Korea)
Anemia Associated with Executive Function in Mild Cognitive Impairment with Severe White Matter Hyperintensities

Sheng Chun Yang (National Chen Kung University, Taiwan)
BDNF and Cytokines Change in Different Mood States of Bipolar II Disorder

Shiho Miyazawa (Tohoku University, Japan)
Does Neuropsychological Performance Predict Social Function in Patients with Schizophrenia?: Evaluation with the MATRICS-CCB Japanese Version

Soichiro Ide (Hokkaido University, Japan)
Involvement of Corticotropin-releasing Factor within the Dorsolateral Part of the Bed Nucleus of the Stria Terminalis in Pain-induced Aversion

Sun Hwa Jung (Pusan National University, Korea)
Delay in Recovery of Normal Sleep-wake Cycle after Disruption of Light-dark Cycle in Mice: A Bipolar Disorder-prone Animal Model?

Sung Nyun Kim (Seoul National University, Korea)
Neural Correlates of Impaired Response Inhibition in Patients with Obsessive–compulsive Disorder before and after Treatment

Tae Young Lee (Seoul National University, Korea)
The Characteristics of People at Ultra High-risk for Psychosis on the Personality, Temperament, and Relationship Style with the Effect of 6-Month Pharmacotherapy

Takeshi Takarada (Kanazawa University, Japan)
Possible Regulation of Adult Neurogenesis by Myosin VI Responsive to Traumatic Stress in Murine Hippocampus

Woojae Myung (Sungkyunkwan University, Korea)
Genetic Association Study of Individual Symptoms in Depression
- Xiaofeng Hu (Peking University, China)
  Association Study of DRD3 Gene Ser9Gly Polymorphism with the Therapeutic Effects of Two Antipsychotics

- Ya-Min Li (Central South University, China)
  Efficacy and Tolerability of Ziprasidone Versus Olanzapine in First-episode Schizophrenia: 6-Week, Randomized, Open-label, Flexible-dose Study

- Yi Su (Peking University, China)
  Osmotically Released Methylphenidate and Atomoxetine for the Treatment of Attention Deficit Hyperactivity Disorder: Efficacy and Adherence

- Yoshiaki Miyamoto (University of Toyama, Japan)
  Knockdown of Dopamine D2 Receptor in the Nucleus Accumbens Attenuates Methamphetamine-induced Behavioral Responses in Mice

- Yoshiteru Takekita (Kansai Medical University, Japan)
  A Open-label, Randomized Comparative Study of Perospirone and Aripiprazole in Japanese Schizophrenia Patients

- Yukio Ago (Osaka University, Japan)
  Role of Brain Metabotropic Glutamate 2/3 Receptors in Social Isolation-induced Depressive Behavior of Mice
Contribution Association

- Korean Academy of Anxiety Disorder
- Korean Academy of Child and Adolescent Psychiatry
- Korean chapter of the International Society for Bipolar Disorder
- Korean Society for Depressive and Bipolar Disorders
- Korean Society for Schizophrenia Research
- Korean Society of Biological Psychiatry
- Korean Society of Biological Therapies in Psychiatry
Exhibition & Sponsorship

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Otsuka

Lilly

Sanofi Aventis

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GSK

Wyeth

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Dong Wha Pharm. Co., Ltd.
Hanlim Pharm. Co., Ltd.

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JW Pharmaceutical
Kwangwon Medical

MSD Korea Ltd.
Novartis Korea
Korean Drug Co., Ltd.
W hanin Pharm Co., Ltd.
Jeil Pharmaceutical Co., Ltd.
Brains On-Line BV
Hotel Information

Venue Hotel

Grand Hilton Seoul Hotel

Contact Sunny Lee
Tel 82-2-2287-8428~9
Fax 82-2-2287-8095
E-Mail reservation.grandseoul@hilton.com
Address #201-1 Hongeun Dong, Seodaemun Gu, Seoul, South Korea,
Grand Hilton Seoul Hotel
Website www.hilton.com (English)

<table>
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<tr>
<th>Hotel</th>
<th>Room Type</th>
<th>Rate</th>
<th>Distance</th>
<th>Remarks</th>
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<td>Single Room</td>
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<td>Venue</td>
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<td>4 Bedroom (5 persons)</td>
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NOTE
1. The room rates are fixed in Korean Won (KRW).
2. The above rates are per room per night and do not include breakfast.
3. The reservation form must be made through the hotel. If you click the reservation button, you can make reservation directly to the hotel by filling out the reservation form. Please do not send the reservation form to the 2nd AsCNP Secretariat via fax or e-mail.
4. For the guarantee of your room reservation, you must provide your credit card information to us when applying.
5. The reservation form must be accompanied by payment information by July 31, 2011 to guarantee your room. And the total payment shall be charged upon check-out.
6. Cancellation received a week prior or no-show: One night room rate will be charged.
Sub-hotels

Best Western Premier Seoul Hotel

Contact: Youn-Ho, Jeong
Tel: 82-2-710-7227
Fax: 82-2-711-6595
E-Mail: yhjeong@seoulgarden.co.kr
Address: 169-1, Dohwadong, Maogu, Seoul, Korea
Website: http://www.seoulgarden.co.kr

<table>
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<tr>
<th>Class</th>
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<td>KRW 130,000</td>
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<td>Double</td>
<td>KRW 150,000</td>
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<td>Twin</td>
<td>KRW 160,000</td>
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<td>Including breakfast (2 persons)</td>
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</table>

Lotte City Hotel

Contact: Leo Ok
Tel: 82-2-6009-1000
Fax: 82-2-4512-1004
E-Mail: reservationmapo@lotte.net
Address: Gongdeok-dong 467, Mapo-gu, Seoul, Korea
Website: http://www.lottecityhotel.co.kr

<table>
<thead>
<tr>
<th>Class</th>
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<th>Rate</th>
<th>Distance</th>
<th>Remarks</th>
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</thead>
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<tr>
<td>★★★★</td>
<td>Double</td>
<td>KRW 135,000</td>
<td>20 minutes by car</td>
<td>Excluding breakfast</td>
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<td></td>
<td>Twin</td>
<td>KRW 145,000</td>
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Tour Program

Korea is an exciting tourist destination with many interesting places to visit and many different cultures to experience. To explore Korea’s diversified and unique heritage, various kinds of tour packages are provided below as an option.

Half day Tour

- HT-1 (Half day Tour-1)

<table>
<thead>
<tr>
<th>Theme</th>
<th>Morning Clam Tour (Not including lunch)</th>
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<tr>
<td>Hours</td>
<td>Daily 09:30 - 12:30 Min. 2 Pax</td>
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<tr>
<td>Price (KRW/USD)</td>
<td>KRW 38,000</td>
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<tr>
<td>Itinerary</td>
<td>Hotel → Jogye Buddhist Temple → The Royal Guard Changing Ceremony → Gyeongbok Palace → The National Folk Museum → Pass by the Presidential Blue House → Amethyst Factory or Ginseng Outlet → Drop off at Itaewon Shopping Street</td>
</tr>
</tbody>
</table>

Gyeongbok Palace

Built 1394 as the main palace of the Joseon Dynasty (1392-1910) by its founder King Taejo, it is the most comprehensive and grandest of the five palaces of the period. There are many designated Cultural Assets in the Palace.

National Folk Museum

The National Folk Museum displays the lifestyle of ancient Koreans. There are 20,000 vestiges, with a total of 4000 folk relics. The National Folk Museum holds a ‘Korean Folk Concert’ every Saturday at the auditorium. The National Folk Museum designates the first Sunday every month as ‘Visit the Museum’ Day in admission fee is waived.

Jogye Buddhist Temple

Jogye Buddhist Temple is the center of Zen Buddhism in Korea, and is famous for being located in the city. The first things you will see when you enter inside are the lovely trees. These locust trees and Baeksong trees in front of the Daeungjeon, the main temple building, are about 500 years old.
**HT-2 (Half day Tour-2)**

<table>
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<tr>
<th>Theme</th>
<th>Afternoon Cultural Tour (Not including lunch)</th>
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<tr>
<td>Hours</td>
<td>Daily 13:00 - 17:30 Min. 2 Pax</td>
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<td>Price (KRW/USD)</td>
<td>KRW 40,000</td>
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<td>Itinerary</td>
<td>Hotel → Changdeok Palace → Insadong Antique Shop Alley → Namdaemun Market → Amethyst Factory or Ginseng Outlet → Hotel</td>
</tr>
</tbody>
</table>

**Changdeok Palace**

Gyeongbok Palace might be Seoul's largest Palace, but for many, Changdeok Palace is its most beautiful. A UNESCO World Heritage Site, Changdeok Palace is the epitome of Korean traditional architecture, its structures striking a fine balance with the natural landscape.

**Insadong Antique Shop Alley**

Seoul's most noted center for the Korean traditional arts and crafts, Insadong is an alley (actually, several alleys) full of small galleries, craft shops, art supply stores, Korean restaurants and traditional tea shops.

**Namdaemun Market**

Korea's most famous traditional outdoor market, the sprawling Namdaemun Market is home to countless shops selling just about everything under the sun, including clothes, curios, ginseng, food and more.
### Full day Tour

**FT-1 (Full day Tour-1)**

<table>
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<th>Theme</th>
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<td>Hours</td>
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<td>Price (KRW/USD)</td>
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<tr>
<td>Itinerary</td>
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</tr>
</tbody>
</table>

**Gyeongbok Palace**
The oldest and grandest of Seoul’s royal palaces, Gyeongbok Palace is a masterpiece of Korean traditional architecture and one of Seoul’s most visited locations.

**Changdeok Palace**
Gyeongbok Palace might be Seoul’s largest Palace, but for many, Changdeok Palace is its most beautiful. A UNESCO World Heritage Site, Changdeok Palace is the epitome of Korean traditional architecture, its structures striking a fine balance with the natural landscape.

**Insadong Antique Shop Alley**
Seoul’s most noted center for the Korean traditional arts and crafts, Insadong is an alley (actually, several alleys) full of small galleries, craft shops, art supply stores, Korean restaurants and traditional tea shops.

**Namdaemun Market**
Korea’s most famous traditional outdoor market, the sprawling Namdaemun Market is home to countless shops selling just about everything under the sun, including clothes, curios, ginseng, food and more.
DMZ
Korea is home to the World’s last remaining Cold War frontiers, the Korean Demilitarized Zone (DMZ). This rare opportunity to peek into mysterious North Korea is just an hour’s drive north of Seoul.

**FT-2 (Full day Tour-2)**

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<tr>
<th>Theme</th>
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<td>Price (KRW/USD)</td>
<td>KRW 46,000</td>
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<tr>
<td>Itinerary</td>
<td>Hotel → Imjingak Park → The Unification Bridge → ID Check → DMZ → Film Presentation &amp; Exhibition Hall → The 3rd Infiltration Tunnel → Dora Observatory → Dorasan Station → Pass by Unification Village → Amethyst Factory or Ginseng Outlet → Drop off at Itaewon</td>
</tr>
</tbody>
</table>

The Korean Folk Village
The Korean Folk Village is home to numerous collections of Korean cultural artifacts, providing an opportunity for Korean children to experience and learn the culture of their ancestors firsthand. The site provides a venue to promote traditional Korean culture to both domestic and international visitors, and provides an open-air learning place for succeeding generations. The village has been developed to convey the wisdom and the spirits of our ancestors to both domestic and international tourists.
1. General Announcement

- Tours should be confirmed 2 days before your tour date depending on the minimum of persons joining each tour.

2. Cancellation Policy

- Day tours
  - Cancellation 2 days before tour date: 50% of tour fee will be deducted from the refund.
  - Cancellation 1 day before tour date: tour fee will not be refunded.

- Overnight tours
  - Cancellation 7 days before tour date: 50% of tour fee will be deducted from the refund.
  - Cancellation 3 days before tour date: 70% of tour fee will be deducted from the refund.
  - Cancellation 1 day before tour date: 100% of tour fee will be deducted from the refund.

For inquiries regarding Hotel and Tours, please contact

Kim’s Travel Service / Official Tour Bureau
6F, Yuil B/D 411-14 Dogog-dong, Gangnam-gu, Seoul 135-270, Republic of Korea
Tel: +82-2-572-9998  Fax: +82-2-575-9932  E-mail: kims05@kimstravel.com
Registration

Registration Guideline

<table>
<thead>
<tr>
<th></th>
<th>Early-bird (by July 31)</th>
<th>Pre-registration (by August 31)</th>
<th>On-Site Registration</th>
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<tr>
<td>Specialist</td>
<td>KRW 240,000 (USD 210)</td>
<td>KRW 300,000 (USD 270)</td>
<td>KRW 350,000 (USD 310)</td>
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<tr>
<td>Trainee</td>
<td>KRW  70,000 (USD  70)</td>
<td>KRW 100,000 (USD  90)</td>
<td>KRW 150,000 (USD 140)</td>
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<tr>
<td>Life Member (KCNP)</td>
<td>KRW 120,000 (USD 110)</td>
<td>KRW 150,000 (USD 140)</td>
<td>KRW 200,000 (USD 180)</td>
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</tbody>
</table>

- Registration fee includes Name badge, Abstracts, Welcome Reception

On-line registration

On-line registration will be available from August 31 via the official website of the 2011AsCNP at http://www.2011ascnp.org

Cancellation Policy

<p>| | |</p>
<table>
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<tr>
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<tbody>
<tr>
<td>Cancellation received</td>
<td>Only full refund will be provided.</td>
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<tr>
<td>to July 31</td>
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<tr>
<td>Cancellation received</td>
<td>50% refund</td>
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<tr>
<td>from August 1 to August 31</td>
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<tr>
<td>Cancellation received</td>
<td>No refund</td>
</tr>
<tr>
<td>after September 1</td>
<td></td>
</tr>
</tbody>
</table>

- All refunds will be made after the meeting.
- All bank services charges and administration fees will be deducted from all registration refunds.

Payment Methods

Payment of registration fees should be made in US dollar or Korean Won by one of the following methods.

- Credit Card
  - Visa, Master, or JCB are available.
  - Payment by credit card is available only via the on-line registration process.
  - All service charges on credit card will be paid by participants
1. Sender’s name should be same with registrant’s name.
2. All bank remittance charges will be paid by participants.
3. A copy of the bank remittance receipt should be faxed to the Congress Secretariat.
4. Please ensure the registrant’s name is on the bank remittance receipt.

**Letter of Invitation (for applicant of Visa for admission into Korea)**

The letter of invitation will be issued for the participants who have completed the registration payment. This letter is NOT a commitment on the part of the 2nd AsCNP organizer to provide financial assistance to any participant or accompanying persons. Expenses incurred are the sole responsibility of the participant. For more detail information, please contact to secretariat 2011AsCNP@smileml.com.

### Bank Transfer

Faxed, electronically mailed or post-marked

<table>
<thead>
<tr>
<th>Bank Name</th>
<th>Woori Bank</th>
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<tr>
<td>Bank branch address</td>
<td>61-3 Life Officetels Yeouido-dong Yeongdeungpo-gu Seoul, Korea</td>
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<tr>
<td>Account Name</td>
<td>Korean College of Neuropsychopharmacology</td>
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1. Sender’s name should be same with registrant’s name.
2. All bank remittance charges will be paid by participants.
3. A copy of the bank remittance receipt should be faxed to the Congress Secretariat.
4. Please ensure the registrant’s name is on the bank remittance receipt.
2nd Congress of AsCNP
Asian College of Neuropsychopharmacology
Jointly with 2011 Annual Meeting of Korean College of Neuropsychopharmacology

“Asian Collaboration on Neuropsychopharmacology and Neuroscience”