

# The Inaugural Asia-Pacific School of Neuroimmunology Meeting

第一回アジア太平洋神経免疫学国際シンポジウム

**August 30, 2015**

**Venue: Sanjo Conference Hall at  
The University of Tokyo, Tokyo, Japan**



## The Inaugural Meeting of Asia-Pacific School of Neuroimmunology

### Scientific Program

Main Theme:

**Immune–Brain Interactions: What We Know and Where We Go**

9:00-9:05

#### **Opening Ceremony**

**Opening remark** ----- Jun-ichi Kira (JSNI President)

**Special remark from International Society of Neuroimmunology**

----- Voon Wee Yong (ISNI President)

9:05-11:05

#### **Session 1: Double-edged sword of immunity against neural tissues**

##### **Opening Lecture (Lecture-1) (45 min)**

Chairperson: Takashi Yamamura (Department of Immunology, National Center of Neurology and Psychiatry, Kodaira, Japan)

**Immunoregulation by gut environmental factors** ----- Sachiko Miyake (Department of Immunology, Juntendo University, Tokyo, Japan)

##### **Hot Topics-1 (Lecture-2) (30 min)**

Chairperson: Tatsusada Okuno (Department of Neurology, Osaka University, Osaka, Japan)

**Innate immune cell migration from the CNS regulating peripheral anti-CNS immunity**

----- David Brown (Peter Duncan Neurosciences Research Centre, St. Vincent's Centre for Applied Medical Research and University of NSW, Sydney, Australia)

##### **Lecture-3 (45 min)**

Chairperson: Koji Yamanaka (Department of Neuroscience and Pathobiology, Research Institute of Environmental Medicine, Nagoya University, Nagoya, Japan)

**Detrimental and protective effects of inflammation in neurodegeneration**

----- Michal Schwartz (Department of Neurobiology, The Weizmann Institute of Science, Rehovot, Israel)

11:05-11:20

Coffee break and poster setting/viewing

11:20-12:30

## **Session-2: Novel roles of glial cells in neuroinflammation**

### **Lecture-4** (40 min)

Chairperson: Ryo Yamasaki (Department of Neurology, Kyushu University, Fukuoka, Japan)

#### **Immune-to-brain signaling: Target ID and validation using bacTRAP technology** -----

Jordi Serrats (Senior Scientist, Takeda Pharmaceuticals, California, USA)

### **Lecture-5** (30 min)

Chairperson: Makoto Matsui (Department of Neurology, Kanazawa Medical University, Japan)

#### **Neuroimmunology of glia: who is a bad guy in neuroinflammation?** -----

Akio Suzumura (Department of Neuroimmunology, Research Institute of Environmental Medicine, Nagoya University, Nagoya, Japan)

12:30-13:15

Lunch and Poster viewing

13:15-14:45

## **Session-3: Neural cell repair and stem cells in Neuroimmunology**

### **Special Lecture by ISNI president (Lecture-6)** (45 min)

Chairperson: Jun-ichi Kira (Department of Neurology, Kyushu University, Fukuoka, Japan)

#### **The neuroimmunology of CNS repair with a focus on remyelination** -----

Voon Wee Yong (Hotchkiss Brain Institute, University of Calgary, Calgary, Canada)

### **Lecture-7** (45 min)

Chairperson: Gen Sobue (Department of Neurology, Nagoya University, Nagoya, Japan)

#### **Neural stem cells at the crossroad between brain and immunity** ----- Gianvito

Martino (Neuroimmunology Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Milan, Italy)

14:45-15:00

Coffee break and poster viewing

15:00-16:30

#### **Session-4: Roles of autoantibodies in neuroimmunological disease**

##### **Hot topics-2 (Lecture-8) (30 min)**

Chairperson: Takashi Inuzuka (Department of Neurology, Gifu University, Gifu, Japan)

##### **Autoantibodies and their potential roles in diseases of the nervous system**

----- Judith Greer (UQ Centre for Clinical Research, The University of Queensland, Brisbane, Australia)

##### **Hot Topics-3 (Lecture-9) (30 min)**

Chairperson: Susumu Kusunoki (Department of Neurology, Kinki University, Osaka, Japan)

##### **Antibodies to glycoconjugates in autoimmune neuropathies**

----- Kenichi Kaida (Department of Neurology, National Defense Medical College, Tokorozawa, Japan)

##### **Hot topics-4 (Lecture-10) (30 min)**

Chairperson: Takanori Yokota (Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Tokyo, Japan)

##### **Autoimmunity targeting axo-glial interface**

----- Jun-ichi Kira (Department of Neurology, Kyushu University, Fukuoka, Japan)

16:30-17:00

#### **Session-5: Roles of viral infection in neuroimmunological diseases**

##### **Closing Lecture (Lecture-11) (30 min)**

Chairperson: Tatsufumi Nakamura (Nagasaki International University, Sasebo, Japan)

##### **How does HTLV-1 cause CNS disease? - The importance of cross-talk between infected**

**T-cells and astrocytes.** ----- Yoshihisa Yamano (Department of Rare Diseases Research, St. Marianna University School of Medicine, Tokyo, Japan)

*Session-5 is cosponsored by Novartis Pharmaceuticals Japan.*

17:00-18:30

**Meet the Expert Session** (Farewell Party)

Chairperson: Hiroyuki Murai (Department of Neurological Therapeutics, Kyushu University, JSNI Secretary)

**Welcome remark** ----- Akio Suzumura (ISNI Advisory Board Member & Immediate Former President of JSNI)

**Special remark from European School of Neuroimmunology** ----- Gianvito Martino (Neuroimmunology Unit, Institute of Experimental Neurology, Division of Neuroscience, San Raffaele Scientific Institute, Milan, Italy)

**Remark and Toast** ----- Takashi Yamamura (Department of Immunology, National Center of Neurology and Psychiatry, Kodaira, Japan)

(midst)

**Special remark from Australian Society of Neuroimmunology** ----- David Brown (Peter Duncan Neurosciences Research Centre, St. Vincent's Centre for Applied Medical Research and University of NSW, Sydney, Australia)

**Special remarks from East Asia** ----- Chinese Society of Neuroimmunology, Korean MS Society, and National Taiwan University

**Closing remark** ----- Voon Wee Yong (President of ISNI)