

# Information for Participants

## 1. Registration

### ◆ If you have registered in advance

#### < Participants who have completed payment of the registration fee by August 10 >

(1) A Meeting ID (name card), (2) a Meeting program book and (3) congress bag ticket have given in advance. Please wear the Meeting ID during the Meeting. A name card holder is available at the registration area. Those who have not wearing a Meeting ID will not be permitted to participate to the Meeting. Please pick up a congress bag at the "Congress Bag Desk" at 2F, Pacifico Yokohama Conference Center.

#### < Participants who have completed payment of the registration fee after August 10 >

(1) A Meeting ID (name card), (2) a Meeting program book and (3) congress bag ticket will be given to you at the Early Registration Desk at the venue.

#### < Participants from Overseas >

(1) A Meeting ID (name card), (2) a Meeting program book and (3) congress bag ticket will be given to you at the Overseas Participants Desk at the venue.

### ◆ If you are registering during the Meeting at the venue

Please register at the "Onsite Registration Desk" at 2F, Pacifico Yokohama Conference Center. Please pick up a Registration Form at the Sign in Desk and fill it in before bringing it to the Onsite Registration Desk. All payments must be made in cash (Japanese Yen).

● After paying your registration fee, you will be given (1) a Meeting ID (name card), (2) a Meeting program book and (3) congress bag ticket. You must wear your Meeting ID at all times while you are attending to the Meeting. Please pick up a congress bag at the "Congress Bag Desk" at 2F, Pacifico Yokohama Conference Center.

● Registration fees are listed below;

#### [Members]

• Regular	JPY 17,000
• Postgraduate Student	JPY 2,000
• Undergraduate Student	Free

#### [Non-members]

• Regular	JPY 20,000
• Postgraduate Student	JPY 4,000
• Undergraduate Student	Free

Note: 1. For postgraduate and undergraduate students: Please show your student ID at the Registration Desk.

2. Undergraduate students who are not giving a presentation as a first/presenting author are admitted free of charge.

### ◆ Registration Desk Opening Hours

• Wednesday, September 14	14:00 - 17:30
• Thursday, September 15	8:00 - 19:00
• Friday, September 16	8:00 - 19:00
• Saturday, September 17	8:00 - 15:30

## ◆ Reception

The Reception party brings together researchers active at the forefront of their respective fields together with young researchers (including undergraduates, postgraduates, and post-doctoral students) working in a range of different fields, in an event where participants can circulate freely with drink in hand. Plenary lecturers and symposium presenters are also invited to attend, meaning that participants will have the chance to speak with famous researchers. Travel Award recipients are invited too. You can look forward to opportunities to exchange information with also researchers from around the world. Please note some refreshments will be served at this reception. Also, please be aware of the number of participants to this reception is limited. Advance registration is highly recommended.

● Date: Friday, September 16, 19:00 - 21:00

● Place: Room E - H (301 - 304), 3F, Pacifico Yokohama Conference Center

● Fee (Onsite): JPY 1,500

## 2. English Abstracts

All of the abstracts which will be presented at Neuroscience2011 are to be published online in Supplemental Issue of Neuroscience Research (with some exceptions). They are not published as printed material.

## 3. Training Credits for Specialist Doctors, Board-Certified Doctors, and Trainee Board-Certified Pharmacists

Attending Neuroscience2011 is recognized by the societies listed below as a credit toward their training programs as specialist doctors, board-certified doctors, and trainee board-certified pharmacists. If you are enrolled in any of these training programs, please do take advantage of the system.

● Japanese Society of Neurology

● Japanese Society of Psychiatry and Neurology

● Japanese Society of Child Neurology

● Japanese Psychogeriatric Society

● Japanese Pharmacists Education Center

To obtain training points toward renewal of the Japanese Society of Psychiatry and Neurology specialist qualification, please show your Psychiatric Specialist Certification Test Certificate (point card) at the JSPN Point Registration Desk (2F, Pacifico Yokohama Conference Center). A Meeting staff will register your points.

For other academic societies, please submit your Meeting ID and receipt to the relevant society concerned and apply for the credit yourself. Please inquire with the relevant society concerned for further information.

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#### 4 . Luncheon Seminars

As the number of lunchboxes available for luncheon seminars is limited, numbered tickets will be distributed at the Luncheon Seminar Ticket Desk (2F, Pacifico Yokohama Conference Center) on the morning of the day of each seminar (from 8:00 a.m. when the registration desk opens, first-come first-served). Tickets are limited to one per person. Also, you must show your Meeting ID (name card) in order to receive a ticket.

In addition, the Food Corner will be open at the Exhibition Hall B, providing some snacks and drinks for participants at a discount price. You can also bring them into the venue. Please feel free to use this service.

#### 5 . Paging and Messages

Participants can not be paged while inside of the Meeting venue by means of slides or the public address system. Please use the message board near the Registration Desk.

#### 6 . Cloakroom

Please use the cloakroom at 1F, Pacifico Yokohama Conference Center. Please be aware that the cloakroom is unable to accept valuables or umbrellas.

● Opening Hours

- |                           |               |
|---------------------------|---------------|
| • Wednesday, September 14 | 14:00 - 18:00 |
| • Thursday, September 15  | 8:00 - 19:30  |
| • Friday, September 16    | 8:00 - 21:00  |
| • Saturday, September 17  | 8:00 - 18:30  |

#### 7 . Equipment Exhibition, Academia Exhibition, Book Selling

The Equipment Exhibition, Academia Exhibition and Book Selling will be held in Exhibition Hall B.

● Opening Hours

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|--------------------------|--------------|
| • Thursday, September 15 | 9:00 - 18:00 |
| • Friday, September 16   | 9:00 - 18:00 |
| • Saturday, September 17 | 9:00 - 15:00 |

#### 8 . Internet Service

Wireless Internet access can be used at the place below;

- Conference Center  
SSID : FREE-PACIFICO 1 - 5 (each number corresponds floor of the venue)  
PASSWORD : PACIF (in capitals)
  - Internet Corner & Hospitality Corner, Exhibition Hall B  
SSID : Neuroscience2011  
WEP : neuro
  - Concourse, outside of the Exhibition Hall B  
SSID : FREE-PACIFICO 9  
PASSWORD : PACIF (in capitals)
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## 9. Drink Corner

Drink corner will be set up at Exhibition Hall B from September 15 to 17.

## 10. Food Corner

Food Corner will be set up at Exhibition Hall B from September 15 to 17. Following items will be providing for participants at a discount price. Please feel free to use this service.

- espresso, coffee (TULLY'S COFFEE)
- "Zunda (green soybean)" ice cream (famous local products of Sendai city)
- soup (Soup Stock Tokyo)

## 11. Bringing Children

The Childcare Room will be offered for the 12th time at the Meeting, since 2004. Full-time day care staff will tend your child(ren) while you attend the Meeting. Advance booking is required.

The Childcare Room will be operated by Art Child Care Co., Ltd., an official member of the All-Japan Babysitter Association. Mats and play equipment will be provided, and children will be cared for by specialist childcare staff.

- Ages accepted: From three months to sixth-graders
- Opening Hours:

Wednesday, September 14	14:30 - 18:30
Thursday, September 15	8:00 - 19:30
Friday, September 16	8:00 - 21:00
Saturday, September 17	8:00 - 18:30

\*Please note that it may not be possible to accept children for whom advance reservations have not been received.

- Location: For security reasons, only users will be informed of the location.
- Cost: 1. Standard daily rate: 3,000 yen per child per day (\*If you are using this service for more than one child, who are siblings, there is a fifty percent reduction for the second child and thereafter (e.g. the total charge for two siblings is 4,500 yen, for three siblings it is 6,000 yen))  
2. Short-term care rate: 600 yen/hour (up to four hours) (\*Any period of care exceeding four hours will be charged at the daily rate)

Note 1) From last year, we have introduced a daily rate and a reduction system for siblings, thus reducing the cost burden of day care. For this reason the short-term care rate has been increased from previous years. Your understanding is appreciated.

Note 2) Baby sitters will be arranged for the time periods for which advance reservations have been received. These arrangements result in personnel costs. It is for this reason that we request payment for the total amount of care time you reserve in advance, rather than the actual time you leave your child in care at the daily or short-term rate. If you are unavoidably delayed in coming to pick up your child resulting in time in care extending beyond that which you reserved, we ask that you pay for the extra time you used the service.

Note 3) A substantial portion of the running costs of the Childcare Room are covered under the Meeting budget, with the kind understanding and cooperation of other participants. Please understand that the childcare services we provide are being operated under a limited budget.

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- Application Deadline: Wednesday, August 31, 2011
- Payment method: On-site cash payment (Please pay at General Information Desk on the last day of use)
- How to make a reservation: Download the application form from the Meeting web site (<http://www.neuroscience2011.jp/english/childcare.html>), fill in the required information on the Consent Form and Application Form, and either fax them or send as a mail attachment to Art Child Care Co., Ltd. A person in charge will make contact to you by phone or e-mail upon receipt of your application. Please check the Meeting web site for further information.

\*Please contact Art Child Care Co., Ltd. if you wish to change your reservation, or if you have any questions.

\*Art Child Care takes every precaution to ensure the safety of childcare, but in the event that an accident occurs for which childcare staff is responsible, this will be discussed between Art Child Care and the childcare worker concerned, and the company will respond within the scope of its insurance policy.

- Meals: The Childcare Room will not engage in any form of meal preparation. In principle, staff will handle snacks and drinks (biscuits, powdered formula, etc.) that are brought by the parent or guardian and provide them to the child as required, but as a refrigerator is not available. Please only provide items that can be stored at room temperature. Please note that Art Child Care will not accept any responsibility whatsoever in the event that food poisoning or illness occurs as a result of food consumed in the Childcare Room.

## 12. Prohibitions

- Photography, video recording, sound recording, and twittering the data presented are prohibited within the Meeting venue.
- Smoking is prohibited within the venue except the designated area.

## 13. Associated Event

### ◆ JNS Members' Business Meeting

Date and Time: Thursday, September 15, 13:00 - 14:00

Venue: Room I

Following the Annual General Meeting, prize-giving ceremonies for each award will be held.

1. 2011 Toshihiko Tokizane Award Ceremony (see page50 for prizewinner)
2. JNS Young Investigator Award Ceremony (see page51 for prizewinners)

## 14. Press Room

Open: Thursday, September 15 - Saturday, September 17

Venue: Room B14, 1F, Exhibition hall B

### ◆ Objective of Press Room and Conditions of Coverage

Information will be actively provided to media organizations as part of the PR activities of Neuroscience2011. For this purpose, a Press Room will be set up at the Meeting venue to assist reporters in covering the Meeting smoothly and enable more in-depth reporting, such as inviting

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presenters of interest for interviews within limits acceptable to the organizers of the Meeting.

Representatives of the media present at the Meeting should go to the General Information Desk and show their press credentials (freelance writers must show personal ID and copies of several published articles) and present their business cards in order to complete press registration. In the Meeting venue, they are asked to engage in reporting while wearing the press card or armband issued by the Meeting secretariat.

Representatives of the media are asked to invite those research presenters whom they are covering to the Press Room. Inside the Press Room they may take photographs, make recordings, or carry out interviews with the consent of the presenter concerned. In principle, photography, recordings, and interviews are not permitted at the venues for regular oral and poster presentations. The Press Room is also available as a working space for organizing information and writing or filing articles.

## **15. Abstract Search/Schedule Creation System**

### **◆ Meeting Planner**

You can use the “Meeting Planner” abstract search system to search through all of the presentations by presenter, institution, presentation time, venue, and abstract over the Internet and create your own personal schedule. Use your self-determined user name and password to save your schedule. Please see the Program page on the Meeting web site for more details of on how to use the system.

● Web site: <http://www.neuroscience2011.jp>

## **16. Events Open to the Public**

### **1) Open Public Program (\*Japanese Language Only)**

This program will be held at Sendai, where the executive committee is located. A variegated performer will speak about the forefront of the brain science. The registration fee is free and it is not necessary to register in advance. Please participate with your family and friends if you live in the vicinity.

Date and Time: Saturday, September 10, 13:30 - 16:45

Venue: Sendai International Center

Web site: <http://www.neuroscience2011.jp/japanese/lecture.html>

### **2) The project for the high school students: “Aim to be a neuroscientist!”**

The high school students in Yokohama who are interested in the brain science will be invited to the Meeting. They will see a part of the poster and oral sessions of the Meeting, following the guide. Please welcome them if you meet them at the meeting venue.

### **3) Special Satellite Symposium -Vision and Creation with a neuroscientist FUJITA Ichiro and an artist YOKOO Tadanori (\*Japanese Language Only)**

The registration fee is free and it is necessary to register in advance (the first 200 applicants).

Date and Time: Sunday, September 18, 14:00 - 15:50

Venue: Lecture Hall, Yokohama Museum of Art

Web site: <http://www.neuroscience2011.jp/english/satellite-01.html>

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## 17. Satellite Events

### 1) International Social for Young Researchers

“International Social for Young Researchers” will be held in order to encourage the international exchange of the young researchers expected to take an active part in the area of neuroscience in Japan in the future. The recipients of Travel Award coming from foreign countries and the domestic young researchers selected from “Society for Young researchers of Neuroscience” will be invited. The poster session including the self-introduction on a light lunch will deepen the exchange between researchers.

Date and Time: Wednesday, September 14, 12:00 - 14:30

Venue: Room 315, 3F, Pacifico Yokohama Conference Center

Admission: Free

### 2) Matching Symposium between neuroscientists and enterprises

Date and Time: Thursday, September 15, 17:00 - 18:45

Venue: Room B

Organized by: Consortium for Applied Neuroscience (NTT Data Institute of Management Consulting)

Outline: In recent years, neuroscience research has been widening its range of application, and we have seen its use in a variety of business scenes and situations. On another front, due to the high interest in this field, the number of researchers engaged in neuroscience has been growing steadily. Under such circumstances, it has become essential to carry out a matching process for those who hold the seeds for innovative science, and enterprises who wish to utilize these seeds for their business pursuits.

In this symposium, we intend to facilitate this matching process by providing a unique opportunity for neuroscientists to introduce their research and the possibilities of applications in businesses.

During the panel discussion held in the latter half of the symposium, we will be joined by enterprises already involved in applying neuroscience. We will discuss the enterprises' prospects in this field, how they propose to capitalize on the strengths of this field, as well as the researchers' perspectives on what they would like to see from the collaborative works.

We look forward to meeting many of you.

※For those participating in this symposium without registering for Neuroscience2011 will require pre-registration (free). Admission for those registered for Neuroscience2011 is free. For information regarding this symposium, and pre-registration, please visit the following website.

Consortium for Applied Neuroscience, Neuro2011 website:

<http://www.keieiken.co.jp/can/consortium/network.html> # neuroscience2011

Contact: NTT Data Institute of Management Consulting:

Consortium for Applied Neuroscience Secretariat, c/o: Fukuda

Email: [can-neuroscience@keieiken.co.jp](mailto:can-neuroscience@keieiken.co.jp) TEL: 03-5467-6321

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### 3) The 4th International Symposium, Society for Research on the Cerebellum “Cerebellar Function and Dysfunction”

- Date and Time: Sunday, September 18, 9:00AM ~
- Venue: Sanjo Conference Hall, University of Tokyo
- Organized by: Society for Research on the Cerebellum (SRC)
- Admission: advance booking required: [http://www.jw-trvl.co.jp/src/index\\_e.php](http://www.jw-trvl.co.jp/src/index_e.php)

	Pre-Registration	Onsite Registration	Reception
SRC Member	JPY 10,000	JPY 11,000	JPY 5,000
Non-member	JPY 12,000	JPY 13,000	JPY 5,000
Student Member	JPY 5,000	JPY 5,500	JPY 3,000
Student Non-member	JPY 8,000	JPY 8,500	JPY 3,000

- Speakers:

Masao Ito	Ferdinando Rossi	Mikio Hoshino	David Vaudry
Kazuyoshi Tsutsui	Masanobu Kano	Tomoo Hirano	Timothy Ebner
Michisuke Yuzaki	Hideyuki Okano	Jean Mariani	Mario Manto
Thomas Knopfel	Izumi Sugihara	Shinji Kakei	Jan Voogd
Yoshikazu Ugawa	Im Joo Rhyu	Hirokazu Hirai	Ichiro Miyai
Shoji Tsuji			

- Contact:

Secretariat SRC-Japan  
c/o: Noriyuki Koibuchi  
Department of Integrative Physiology  
Email: [nkoibuch@med.gunma-u.ac.jp](mailto:nkoibuch@med.gunma-u.ac.jp) TEL: 027-220-7923

## 18. Lunch Time Information

Luncheon seminars take place from September 15 to 17 during the Meeting, however, the number of the lunch boxes available is limited.

- Luncheon Seminars:
  - Thursday, September 15 12:00 – 13:00
  - Friday, September 16 12:00 – 13:00
  - Saturday, September 17 12:00 – 13:00
- Food Corner: Open at Exhibition Hall B from September 15 to 17. Following items will be providing for participants at a discount price. Please feel free to use this service.
  - espresso, coffee (TULLY’S COFFEE)
  - “Zunda (green soybean)” ice cream (famous local products of Sendai city)
  - soup (Soup Stock Tokyo)
- Restaurant inside the venue
  - Italian Restaurant Ristorante ATTIMO (2F, Sea side, Exhibition hall)
  - DANZERO (2F, Sea side, Exhibition hall)
  - Pier 21 Seafood Bistro (2F, Minato Mirai Waterfront Terminal), etc.
- Around the venue: Please check the Pacifico Yokohama website.  
(<http://www.pacifico.co.jp/index.html>)



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## Special Programs

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During the Meeting, a wide variety of special program (Symposia) including the related topics of Neuroethics have been arranged in addition to the regular program, with the collaboration of a range of overseas associations and institutions, which reflects the internationalization that is one of the features of the Meeting. We hope as many people as possible will attend these special programs.

### 1. Japan Neuroscience Society Symposia

#### 1) Neuroethics symposium (S2-D-1)

Date and Time: Thursday, September 15, 8:30 - 11:00

Venue: Room D

Theme: Progress in Neuroethics for Human Brain Research

\*See page 71 for details

#### 2) Joint symposium of Japanese and Chinese Neuroscience Societies (S2-F-1)

Date and Time: Thursday, September 15, 8:30 - 11:00

Venue: Room F

Theme: Frontiers in neurosciences in Asia

\*See page 74 for details

#### 3) Integrated symposium of basic and clinical neuroscience with Future Planning Committee (S2-F-2)

Date and Time: Thursday, September 15, 17:00- 19:00

Venue: Room F

Theme: Neuroscience of Autism Spectrum Disorders

\*See page 74 for details

#### 4) Gender Equality Committee symposium (S2-J-1)

Date and Time: Thursday, September 15, 8:30 - 11:00

Venue: Room J

Theme: Trends in Neuroscience

\*See page 80 for details

#### 5) NSR-Elsevier sponsored symposium (S3-B-1)

Date and Time: Friday, September 16, 8:30 - 11:00

Venue: Room B

Theme: Lessons from photobiology – optogenetic applications of photo-transduction proteins in Neuroscience

\*See page 83 for details

#### 6) The 2nd Japan-Australia joint symposium (S3-B-2)

Date and Time: Friday, September 16, 14:00 - 16:00

Venue: Room B

Theme: Development and Disease

\*See page 84 for details

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## **7) JNS-SfN-FENS-ANS joint symposium (S3-G-1)**

Date and Time: Friday, September 16, 8:30 - 10:40

Venue: Room G

Theme: Higher education in neuroscience

\*See page 87 for details

## **8) Japan-Canada collaborative symposium (S4-D-1)**

Date and Time: Saturday, September 17, 8:30 - 11:00

Venue: Room D

Theme: Origin, differentiation and regulatory mechanism of neural stem cells

\*See page 93 for details

## **2. Gender Equality Program: Lunch-time Mini Symposium (MS2-J) (Supported by “Nadeshiko Program” companies)**

Date and Time: Thursday, September 15, 12:00 - 13:00

Venue: Room J

Theme: Foster the development and career advancement of women scientists

\*See page 82 for details

## **3. Special Program of the Japan Earthquake: Lunch-time Mini Symposium (MS3-B)**

Date and Time: Friday, September 16, 12:00 - 13:00

Venue: Room B

Theme: Beyond the Earthquake and Tsunami Disaster: Safe Message from Japanese Neuroscience

\*See page 90 for details

## **4. Young Career Path Program: Lunch-time Mini Symposium (MS3-C) \*In Japanese (Supported by “Wakaba Program” companies)**

Date and Time: Friday, September 16, 12:00 - 13:00

Venue: Room C

Theme: Beyond the Ph.D.

\*See page 91 for details

## **5. Special Program of the Patient Groups: Lunch-time Mini Symposium (MS3-H) \*In Japanese**

Date and Time: Friday, September 16, 12:00 - 13:00

Venue: Room H

Theme: From “neuroscience research” to “therapeutic drugs” : 20-years effort before HGF has become medicine

\*See page 91 for details

## **6. Lunch-time Mini Symposium (MS4-E)**

Date and Time: Saturday, September 17, 12:00 - 13:00

Venue: Room E

Theme: Introduction of Japan-U.S. Brain Research Cooperative Program (BRCP)

\*See page 98 for details

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## 各賞受賞者 List of the Awardees

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### 塚原伸晃記念賞 Tsukahara Award

#### ■ 尾藤 晴彦 (Haruhiko Bito)

東京大学大学院医学系研究科 神経生化学教室

Department of Neurochemistry, Graduate School of Medicine, The University of Tokyo

9月15日(木) September 15 (Thu) 15:20 ~ 16:00 A会場 (Room A)

**AL2-1** : 活動依存的な遺伝子発現誘導・突起伸展機構

Activity-dependent mechanisms underlying neuronal gene expression and neurite growth

### 時實利彦記念賞 Tokizane Award

#### ■ 狩野 方伸 (Masanobu Kano)

東京大学大学院医学系研究科 機能生物学専攻 生理学講座 神経生理学分野

Department of Neurophysiology, Graduate School of Medicine, The University of Tokyo

9月15日(木) September 15 (Thu) 16:10 ~ 16:50 A会場 (Room A)

**AL2-2** : 内因性カンナビノイドによるシナプス伝達修飾と統合脳機能

Endocannabinoid-mediated modulation of synaptic transmission and its impact on integrative brain functions

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## 各賞受賞者 List of the Awardees

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

#### ■ 正田 貴俊 (Takatoshi Hikida)

財団法人大阪バイオサイエンス研究所 システムズ生物学部門／科学技術振興機構さきがけ

Department of Systems Biology, Osaka Bioscience Institute / PRESTO, JST

Title : 大脳基底核神経回路の制御機構

Regulatory mechanism of basal ganglia circuit

#### ■ 檜山 武史 (Takeshi Hiyama)

自然科学研究機構 基礎生物学研究所

National Institutes of Natural Sciences, National Institute for Basic Biology

Title : 体液Na<sup>+</sup>濃度センサーに関する研究

Studies of the sensor for Na<sup>+</sup>-level monitoring in body-fluids

#### ■ 出馬 圭世 (Keise Izuma)

カリフォルニア工科大学

California Institute of Technology

Title : 意思決定に及ぼす社会的・認知的影響の神経基盤の解明

The neural basis of social/cognitive influences on decision-making

#### ■ 戸島 拓郎 (Takuro Tojima)

理化学研究所脳科学総合研究センター 神経成長機構研究チーム

Laboratory for Neuronal Growth Mechanisms, RIKEN Brain Science Institute

Title : 神経軸索ガイダンスを制御するシグナル伝達と膜トラフィック

Signal transduction and membrane trafficking underlying neuronal growth cone guidance

#### ■ 山下 貴之 (Takayuki Yamashita)

スイス連邦工科大学ローザンヌ校・脳精神研究施設

École Polytechnique Fédérale de Lausanne, Brain Mind Institute

Title : シナプス伝達効率の前シナプス性調節機構

Presynaptic control of synaptic transmission

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## Candidates of the Travel Awardees

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### ■ Massoumeh Koroush Arami (Islamic Republic of Iran)

Department of Physiology, Medical College, Hamedan University of Medical Sciences, Hamedan, Iran

**P2-a20** : Homosynaptic LTP and heterosynaptic LTD in layer VI of the mouse visual cortex induced by white matter or layer II/III stimulation

### ■ Bin Cai (People's Republic of China)

Department of Neurology, First Affiliated Hospital of Fujian Medical University, China

**O4-J-1-3** : TAT-mediated delivery of neuroglobin protects against focal cerebral ischemia in mice

### ■ Yusuf O. Cakmak (Republic of Turkey)

Acupuncture program for physicians, School of Medicine, University of Yeditepe, Istanbul, Turkey

**O4-F-2-4** : Structural cortical plasticity induced by the mindfulness meditation of the Sufi Whirling Derwishes

### ■ Eunhyuk Chang (United Kingdom of Great Britain and Northern Ireland)

Dept. Physiology, Anatomy and Genetics, University of Oxford, Oxford, UK

**P4-d16** : Characterization of neural stem/progenitor cell properties in the subventricular zone

### ■ Ying Chen (People's Republic of China)

Institutes of Brain Science, Fudan University, China

**O3-B-2-4** : Real-time imaging of proteasome-mediated SPAR degradation in CA1 neurons and its involvement in hippocampal LTP

### ■ Yoanne M. Clovis (Italian Republic)

Neuroscience and Brain Technologies Dept., Italian Institute of Technology, Genova, Italy

**O2-B-1-4** : MicroRNA-9 controls the migration of cortical neurons in developing mouse neocortex

### ■ Yanjie Fan (United States of America)

Department of Cell Biology, Emory University, Atlanta, USA

**O2-I-1-3** : Actin capping protein in dendritic spine development and synapse formation

### ■ Elham Ghanbarian (Islamic Republic of Iran)

School of Cognitive Sciences(SCS), Institute for Research in Fundamental Sciences (IPM), Tehran, Iran

**P4-n08** : Inactivation of ventral tegmental area influences long term potentiation in the rat hippocampus

### ■ Yifan Gong (People's Republic of China)

Institute of Life Science, Southeast University, Nanjing, P.R.China

**P2-d21** : FoxG1 is critical for postnatal hippocampal development

■ **Ze-lan Hu (People's Republic of China)**

Dept. Anatomy and Neurobiology, Tongji University School of Medicine, Shanghai, China

**O4-F-1-4** : The role of the transcription factor Rbpj in the development of dorsal root ganglia and Trigeminal ganglia

■ **Ying Huang (People's Republic of China)**

Department of Anatomy and Neurobiology, Tongji University School of Medicine, Shanghai, China

**P2-f20** : Balanced bilateral sensory input is essential for target selection of callosal axons

■ **Harpreet Kaur (Republic of India)**

Department of Biochemistry, Panjab University, Chandigarh, India

**P3-s06** : Differential antioxidant response of cortex and hippocampus in experimental model of chronic epilepsy: Protection by Curcumin

■ **Jeongjin Kim (Republic of Korea)**

Department of Biological Sciences, Korea Advanced Institute Science and Technology(KAIST), Korea

**P3-s07** : Thalamic T-type calcium channels mediate frontal lobe dysfunctions caused by a hypoxia-like damage in the prefrontal cortex

■ **Narisorn Kitiyanant (Kingdom of Thailand)**

Research Center for Neuroscience, Institute of Molecular Biosciences, Mahidol University, Nakhon Pathom, Thailand

**P3-d13** : Neurotrophic factor-releasing human neural stem/progenitor cells rescue cultured rat septal neurons from amyloid  $\beta$  -induced neurotoxicity

■ **Alireza Komaki (Islamic Republic of Iran)**

Departement of Physiology, School of Medicine, Hamadan University of Medical Sciences, Hamadan, Iran

**P3-o15** : Interaction between cannabinoid receptors and calcium channel blockers on learning and memory in male rat

■ **Qian Li (Hong Kong)**

School of Biomedical Sciences, the Chinese University of Hong Kong, Hong Kong, P.R.China

**P2-r15** : Alleviation of parkinsonian motor symptoms by deep brain stimulation: involvement of the antidromic response through the "hyperdirec" pathway

■ **Ting Li (People's Republic of China)**

Shanghai Mental Health Center, Shanghai, China

**P4-s03** : Novelty seeking involved in mediating the association between COMT gene and onset age of drug use in Chinese heroin-dependent patients

■ **Santosh Mishra (United States of America)**

National Institue of Dental and Craniofacial Research, National Institutes of Health, USA

**O3-I-2-1** : TRPV1 lineage neurons and their functional role in thermal nociception

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■ **Maryam Moosavi (Islamic Republic of Iran)**

Physiology Department, Shiraz University of Medical Sciences, Iran

**P4-n07** : Agmatine prevents scopolamine-induced Akt inactivation in the hippocampus

■ **Maryam Noorbakhshnia (Islamic Republic of Iran)**

Dept. of Biol., Facult. of Science, Univ. of Isfahan, Isfahan, Iran

**P3-c05** : Morphine addiction augments Dentate Gyrus basal population spikes in freely moving rats

■ **Vivian Y. Poon (Republic of Singapore)**

Duke-NUS Graduate Medical School, Singapore

**03-F-1-2** : The role of microRNAs in mammalian axon regeneration and presynapse formation

■ **Suhail Rasool (United States of America)**

Department of Molecular Biology and Biochemistry, University of California, Irvine, USA

**03-J-4-1** : Vaccination with a non-human sequence amyloid oligomer mimic results in improved cognitive function and reduced plaque deposition in Tg2576 mice

■ **Tania A. Seabrook (United States of America)**

Department of Anatomy and Neurobiology, Virginia Commonwealth University Medical Center, Richmond, USA

**P4-h15** : Timing of corticogeniculate innervation in the dorsal lateral geniculate nucleus (dLGN) of the mouse relies on retinogeniculate axon innervation

■ **Kavita Seth (Republic of India)**

Dev. Tox. Div., Indian Institute of Toxicology Research, Lucknow, India

**P4-e02** : Olfactory Ensheathing Glia Defends Neural Stem Cells from Salsolinol through Activation of PI3K/Akt/ERK/CREB Signaling

■ **Mohammad Shabani (Islamic Republic of Iran)**

Neuroscience Research Center and Department of Physiology, Faculty of Medicine, Kerman University (Medical Campus), Kerman, Iran

**P4-a18** : Plastic changes in the burst firing behavior of Purkinje neurons in offspring that maternally exposed to the CB1 cannabinoid agonist WIN 55212-2

■ **Siamak Shahidi (Islamic Republic of Iran)**

Physiology, Hamadan University of Medical Sciences, Hamadan, Iran

**P4-n09** : Electrophysiological and behavioral study the effects of fluoxetine on the memory processing

■ **Varsha Shukla (United States of America)**

Laboratory of Neurochemistry, NINDS, National Institutes of Health, Bethesda, Maryland, USA

**P2-q11** : Hyperphosphorylation of tau by deregulated Cdk5 (Cdk5/p25) activity is inhibited by its truncated activator (p35)

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■ **Spyridon Theofilopoulos (Kingdom of Sweden)**

Karolinska Institute, Molecular Neurobiology Division, Department of Medical Biochemistry and Biophysics, Stockholm, Sweden

**O2-D-1-1** : Identification and characterisation of endogenous LXR ligands in ventral midbrain development

■ **Gong-Wu Wang (People's Republic of China)**

School of Life Science, Yunnan Normal University, Kunming, China

**P4-n06** : The Impairment Effect of Disconnection of the Circuit between the Hippocampus and the Basolateral Nucleus of Amygdala in Passive Avoidance Memory in Rats

■ **Xiaohui Wang (People's Republic of China)**

Dept. Physiol. of Shanxi Medical University, Taiyuan, China

**P4-n20** : Neuroprotective Effect of Val<sup>18</sup>-GLP-1(7-36) Against A  $\beta$  1-40-Induced Neurotoxicity and Its Possible Mechanism

■ **Zhi-qiang Wang (People's Republic of China)**

Department of Neurology and Institute of Neurology, First Affiliated Hospital, Fujian Medical University, China

**P2-s09** : Molecular analysis of 51 unrelated pedigrees with late-onset multiple acyl-CoA dehydrogenation deficiency (MADD) in the southern China confirmed the most common ETFDH mutation and high carrier frequency of c.250G>A

■ **Yi Wu (People's Republic of China)**

Institutes of Brain Science, Univ. of Fudan, Shanghai, China

**P2-b21** : Endocannabinoid signaling modulates synaptic transmission in the rat inner retina

■ **Rajesh S. Yadav (Republic of India)**

Development Toxicology Division, Indian Institute of Toxicology Research, Lucknow, India

**P4-b12** : Modulating effect of Bacopa monniera against monocrotophos induced cholinergic and dopaminergic dysfunctions in rats

■ **Tao Yang (People's Republic of China)**

Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, Beijing, China

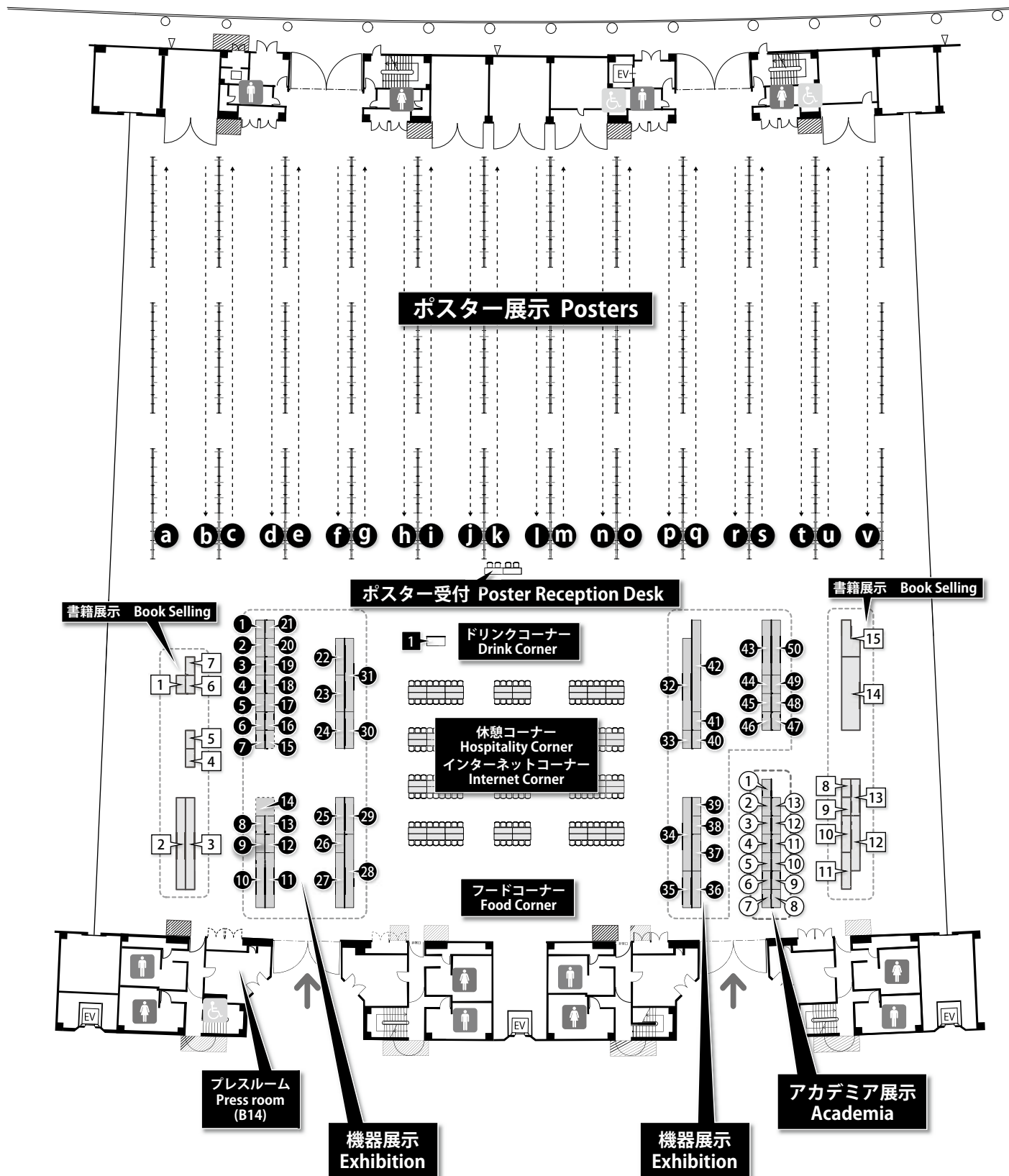
**P3-e06** : Scaffold Protein POSH is Required for F-actin Assembly to Control Radial Migration of Cortical Neurons in the Neocortex

\*Listed alphabetically

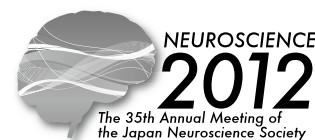


# ポスター・展示会場図 Floor Plan of Posters & Exhibitions

## 展示ホールB Exhibition Hall B



## Meeting Outline



# The 35th Annual Meeting of the Japan Neuroscience Society

Date **September 18-21, 2012**  
 Venue **Nagoya Congress Center**  
 Chairperson **Kozo Kaibuchi** (Professor, Nagoya University Graduate School of Medicine)

## Program (tentative)

### 1 Plenary Lectures

- **David Porteous** (University of Edinburg)
- **Joseph S. Takahashi** (University of Texas)
- **Arturo Alvarez-Buylla** (The University of California, San Francisco)

### 2 Special Lectures

- **Gen Sobue** (Nagoya University Graduate School of Medicine)
- **Tomoyuki Takahashi** (Doshisha University Faculty of Life and Medical Sciences, OIST)
- **Ryusuke Kakigi** (National Institute for Physiological Sciences)
- **Hitoshi Sakano** (The University of Tokyo Graduate School of Science)

### 3 Symposia

- Symposia planned by Japan Neuroscience Society
- Symposia planned by Program Committee
- Call for Symposia opens September, 2011

### 4 Awarded Lectures

- Nakaakira Tsukahara Memorial Award
- Toshihiko Tokizane Memorial Award

### 5 Oral Presentations / Poster Sessions

Call for abstracts: from February to April, 2012 (tentative)

### 6 Sponsored Seminars

Application for Luncheon Seminar sponsorship : opens September, 2011

### 7 Exhibition for Equipments & Publications

Exhibitor booth sales : opens September, 2011

<http://www.neuroscience2012.jp> E-mail : [staff@neuroscience2012.jp](mailto:staff@neuroscience2012.jp)