14th INTERNATIONAL CONGRESS OF
HISTOCHEMISTRY AND CYTOCHEMISTRY

Beyond the Limit of Histochemistry

August 26 - 29, 2012
Kyoto International Conference Center
Kyoto, Japan

President: Tetsuro Takamatsu, M.D., Ph.D.
Kyoto Prefectural University of Medicine
Outline of the 14th International Congress of Histochemistry and Cytochemistry

Date: August 26 (Sunday) – 29 (Wednesday), 2012
Place: Kyoto International Conference Center (ICC Kyoto)
Takaragaike, Sakyo-ku, Kyoto 606-0001, Japan
Tel: +81-75-705-1234, Fax: +81-75-705-1100
URL: http://www.icckyoto.or.jp

General information and the program (available in PDF file format in early July 2012) will be announced here.

Important Dates:
- Submission deadline for abstracts: April 30, 2012
- Notification of abstract acceptance: Mid-May, 2012
- Discount registration deadline: May 31, 2012
- Hotel application deadline: July 31, 2012

Organizing Secretariat:
c/o AC planning, 406 Murakami-cho, Fushimi-ku, Kyoto 612-8369, Japan
Tel: +81-75-611-2008, Fax: +81-75-603-3816
E-mail: ichc2012@acplan.jp

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Dear Friends and Colleagues,

On behalf of the Organizing Committee, it is my great pleasure and honor to extend my warmest invitation to you to take part in the 14th International Congress of Histochemistry and Cytochemistry (ICH C2012), to be held on August 26 - 29, 2012, in Kyoto, Japan.

Under the theme of ’Beyond the Limit of Histochemistry’, we will have ten plenary lectures, nineteen symposia, eight workshops, three journal-sponsored lectures, and poster sessions on state-of-the-art topics concerning histochemistry and cell biological sciences. We have also organized Poster Awards for young scientists and for the best picture presentation.

We believe that the Congress will provide an excellent opportunity to review and discuss recent revolutionary topics in histochemistry and cytochemistry.

We look forward to sharing fruitful scientific discussions and enjoyable social exchanges with you in the beautiful and historic city of Kyoto!

Tetsuro Takamatsu, M.D., Ph.D.
President of ICHC 2012
Professor
Department of Pathology and Cell Regulation
Kyoto Prefectural University of Medicine

Organizing Committee

Local Organizing Committee

Supreme advisor
Robert Y. Osamura
President
Tetsuro Takamatsu
Vice-presidents
Toyoshi Fujimoto
Eigo Otsuji
Members
Treasurer
Kuniaki Takata
Program
Toyoshi Fujimoto
Takehiko Koji
Ryohei Katoh
Norimichi Nemoto
Site management
Mitsuhiro Kawata
Exhibition
Yasuo Uchiyama
Web and media
Naoaki Saito
Publications
Airou Tsubura
Ceremony/Social program
Kazunori Ishimura
Fund raising
Robert Y. Osamura
Secretaries
Shin-ichi Ohno
Daisuke Aoki
Hideo Tanaka

International Scientific Advisory Committee

IFSHC
President
Robert Y. Osamura (Japan)
Secretary General
Serap Arbak (Turkey)
Treasurer
Hinke Multhaupt (Denmark)
Councilors
Raymond Coleman (Israel)
Zbigniew Kmiec (Poland)

North America
Denis G. Baskin (USA)
Charles Frevert (USA)
John M. Robinson (USA)
Kevin Roth (USA)

Europe
Pertti Panula (Finland)
Jurgen Roth (Switzerland)
Cornelis van Noorden (The Netherlands)

Asia
Wenqin Cai (China)
He Li (China)
Yunqing Li (China)
Kyung Ah Park (Korea)
<table>
<thead>
<tr>
<th>August 28 (Tue)</th>
<th>August 29 (Wed)</th>
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</thead>
</table>
| **PLENARY LECTURE 5**  
P. Hozák (Prague) | **PLENARY LECTURE 8**  
E. Ikonen (Helsinki) |
| **PLENARY LECTURE 6**  
K. Miyazono (Tokyo) | **PLENARY LECTURE 9**  
S. Fujita (Kyoto) |

**SYMPOSIA**

S9 Lipid droplet, a dynamic organelle with many different faces  
Organizers: T. Fujimoto (Nagoya), P. Liu (Beijing)

S10 In vivo optical imaging and its applications to medicine  
Organizers: T. Takamatsu (Kyoto), C.W. Freudiger (Boston)

S11 What’s new and what’s coming in molecular pathology  
Organizers: R. Kato (Kofu), B. Jasani (Wales)

S12 Chinese Society-sponsored session

**Young Histochemist Award**

**SYMPOSIA**

S17 Hormone and brain  
Organizers: M. Kawata (Kyoto), J. Morris (Oxford)

S18 Future challenges of immunohistochemistry in pathology  
Organizers: N. Nemoto (Tokyo), A. Gown (Seattle)

S19 Joint-session of Japan Society for Laser Microscopy  
Organizer: Y. Kawata (Shizuoka)

**Lunch**

**JHC LECTURE**  
K. Kaibuchi (Nagoya)

**WORKSHOPS**

WS5 Neurobiology of social behavior  
Organizers: M. Nishi (Kashihara), H. Hu (Shanghai)

WS6 Deep tissue two-photon microscopy  
Organizers: K. Takada (Maebashi), T. Misgeld (Münich)

WS7 Vesicular trafficking  
Organizers: S. Arakawa (Kagawa), J. Swanson (Ann Arbor)

WS8 Quantitative methods in histochemistry and cytochemistry  
Organizer: V. Zinchuk (Kochi)

**Poster 2**

**PLENARY LECTURE 7**  
A. Miyawaki (Wako)

**Poster 3**

**AHC LECTURE**  
(TBA)

**JHC LECTURE**  
TBA

**Closing remarks**

**Excursion (facultative)**

**Sponsored evening**
Call for Abstracts

The Congress invites the submission of papers for the poster presentation. Authors are requested to submit their abstracts prepared in MS Word via the Internet. For details regarding abstract submission, please visit the website (URL: http://www.acplan.jp/ichc2012/).

Submission Deadline: April 30, 2012

Topics of Contributed Papers

1. apoptosis and necrosis
2. autophagy
3. cytoskeleton
4. ECM and connective tissue biology
5. nuclear structure and dynamics
6. glycobiology
7. lipids and lipid structures
8. membrane
9. organelles
10. cardiovascular system
11. endocrine system
12. gastrointestinal system
13. immune system
14. neurobiology
15. respiratory system
16. regenerative medicine
17. germ cell biology and reproduction system
18. stem cell biology
19. cancer science
20. development and malmorphogeneisis
21. cytopathology
22. diagnostic pathology
23. electron microscopy
24. fluorescence microscopy
25. new fluorescent markers
26. fluorescent proteins
27. immunohistochemical techniques
28. in vivo imaging
29. live cell imaging
30. in situ hybridization
31. mass spectrometry
32. new optical microscopy
33. proteomics and histochemistry
34. quantitative histochemistry and cytochemistry
35. vibrational microscopy
36. virtual microscopy

Notification of Acceptance

Notice of acceptance will be e-mailed in mid-May, 2012. Accepted papers will be presented at Poster sessions. Abstracts accepted for the presentation will be printed and distributed to all participants during the Congress.

Poster Awards

Two kinds of poster award will be given for distinguished posters.

a) Young Scientist Best Poster Award
   Three posters will be awarded.
   Age limit of applicants: 35 years old as of August 26, 2012

b) Best Picture Award
   Applicants of all ages.

Language

The official language of the Congress is English.
Welcome Reception
Date: Sunday, August 26, 2012, 19:10 - 21:00
Place: Kyoto International Conference Center
Fee: Free
All participants are cordially invited to the buffet style Welcome Reception of western and Japanese cuisine.
Dress: Casual

Banquet
Date: Monday, August 27, 2012, 19:30 – 21:00
Place: Kyoto International Conference Center
Fee: ¥8,000
Dress: Casual

Accompanying persons are cordially invited to Welcome reception and Banquet.

Excursion
Date: Wednesday, August 29, 2012, 15:00 – 21:00
Fee: ¥8,000
Dress: Casual

Nishijin Textile Center
Nishijin-ori, which is famous throughout the world, has been woven in the Nishijin area of Kyoto city since the end of the sixteenth century. It uses silk as its raw material and is known as one of the highest-grade textiles in Japan. Not only kimono and obi, but also neckties, dresses, gowns, tablecloths, and others are made of Nishijin-ori. You will enjoy a kimono fashion show, a demonstration of weaving, and displays of Nishijin silk fabrics.

Kiyomizu Temple
Kiyomizu Temple is one of the oldest temples in Kyoto, and dates back to the 8th century. The temple is noted for the unique style of its architecture. Its main hall stands on a cliff, with a wooden platform in front from which a panoramic view of Kyoto can be enjoyed. Most of the present buildings were reconstructed in 1633, but they reflect the style of the original ones, suggesting the style of residences of the 8th and 9th centuries.

Application for Social Programs
Those who wish to join the Banquet on Monday, August 27, 2012 are requested to indicate this on the Registration Form and send it to the Organizing Secretariat by May 31, 2012.
Those who wish to join the Excursion on Tuesday, August 29, 2012 are requested to indicate this on the Hotel and Excursion Application Form and send it to JTB by July 31, 2012.
Registration

Registration Fee

<table>
<thead>
<tr>
<th></th>
<th>Before May 31, 2012</th>
<th>After June 1, 2012</th>
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<tbody>
<tr>
<td>Participant</td>
<td>¥ 35,000</td>
<td>¥ 40,000</td>
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<tr>
<td>Student/Pre-doctorial student</td>
<td>¥ 15,000</td>
<td>¥ 20,000</td>
</tr>
<tr>
<td>Accompanying person</td>
<td>¥ 10,000</td>
<td></td>
</tr>
<tr>
<td>Banquet</td>
<td>¥ 8,000</td>
<td></td>
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</tbody>
</table>

- Participants and students are entitled to Congress materials, admittance to the scientific sessions and to the exhibition area, lunches, and Welcome Reception.
- Accompanying persons mean registered spouses and family members, and are invited to Welcome Reception and Banquet.
- Students/Pre-doctorial students planning to participate in the Congress are requested to send the Organizing Secretariat a copy of their ID or the signature of their official supervisor at their university or academic institute via fax or e-mail.

Application and Inquiry

Participation is open to all persons interested in Histochemistry and Cytochemistry. Registration for the Congress and Banquet can be made in one of the following ways.

1) Online registration
   Online registration is available at URL: http://www.acplan/ichc2012/. Please fill in the online registration form and send via the Internet.

2) Registration by post or fax
   Please download the registration form (PDF) at URL: http://www.acplan.jp/ichc2012/ and send it by post or fax to the Organizing Secretariat, whose address is indicated on the inside front page.

Payment

All payments should be made in Japanese Yen. You can select one of the following methods for payment of the registration fee. Confirmation of registration will be sent to the registrant by e-mail.

1) Bank Transfer
   Bank Name: Bank of Tokyo-Mitsubishi UFJ, Fushimi Branch
   Account Name: ICHC 2012
   Account No.: 0090514
   Please make a bank transfer within 10 days after registering. If a remitter’s name is different from a registrant’s (e.g. university or company name), please notify the Organizing Secretariat.

2) Credit Card
   VISA or Master Card payment is acceptable. Please provide the necessary information and send it via the Internet, by post or fax.

Registration Desk

The on-site registration desk will be open at Kyoto International Conference Center during the following hours.

- August 26 (Sun) 15:00 - 19:30
- August 27 (Mon) – 29 (Wed) 8:00 - 18:00

Cancellation and Refunds

Written cancellation requests must be received before July 15, 2012. In this case, 70% of the registration fee will be refunded after the Congress.

Letter of Invitation

An official letter of invitation will be sent by the Organizing Committee upon request to those who have registered and paid the registration fee. However, such solicited invitations will not include an offer for payment of any expenses, such as registration, travel or hotel accommodation for the Congress.

Certificate of Attendance

If you wish to have a certificate of attendance, please apply for it at the Secretariat during the Congress.
Hotels and Room Rates

<table>
<thead>
<tr>
<th>Grades and Hotel name</th>
<th>Room Rate</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single room</td>
<td>Twin room</td>
</tr>
<tr>
<td>A Grand Prince Hotel Kyoto</td>
<td>¥ 15,000*</td>
<td>¥ 18,000</td>
</tr>
<tr>
<td>Hotel Granvia Kyoto</td>
<td>¥ 18,900*</td>
<td>¥ 21,000</td>
</tr>
<tr>
<td>Hotel Monterey Kyoto</td>
<td>¥ 11,000</td>
<td>¥ 16,000</td>
</tr>
<tr>
<td>Kyoto Royal Hotel &amp; Spa</td>
<td>¥ 8,000</td>
<td>¥ 14,000</td>
</tr>
<tr>
<td>New Miyako Hotel</td>
<td>¥ 11,000*</td>
<td>¥ 16,000</td>
</tr>
<tr>
<td>A Karasuma Kyoto Hotel</td>
<td>¥ 8,500</td>
<td>¥ 12,000</td>
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<td>Aranvert Hotel Kyoto</td>
<td>¥ 8,000</td>
<td>¥ 11,000</td>
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<tr>
<td>Mitsui Garden Hotel Kyoto Sanjo</td>
<td>¥ 7,500</td>
<td>¥ 11,000</td>
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<td>Mitsui Garden Hotel Kyoto Shijo</td>
<td>¥ 7,500</td>
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<td>Hearton Hotel Kyoto</td>
<td>¥ 7,500</td>
<td>¥ 11,000</td>
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<td>Hotel Gimmon Kyoto</td>
<td>¥ 7,500</td>
<td>¥ 11,000</td>
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<tr>
<td>Hotel Hokke Club Kyoto</td>
<td>¥ 7,300</td>
<td>¥ 11,000</td>
</tr>
<tr>
<td>Via Inn Kyoto Shijo Muromachi</td>
<td>¥ 6,000</td>
<td>¥ 11,000</td>
</tr>
<tr>
<td>Kyoto Garden Hotel</td>
<td>¥ 5,700</td>
<td>¥ 9,400</td>
</tr>
<tr>
<td>Kyoto Central Inn</td>
<td>¥ 4,800</td>
<td>¥ 7,400</td>
</tr>
</tbody>
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Note
1) The above room rates include breakfast, service charge and tax.
2) Minimum number of participants: one person
3) The room charge with * means single occupancy of a twin room.
4) JTB Corporation, the official travel agent has reserved a block of rooms for participants during the Congress period at special discount rates.

Excursion
Date: Wednesday, August 29, 2012, 15:00 – 21:00
Fee: ¥8,000

Application
Participants who wish to reserve hotel accommodation and an excursion should apply via the Internet - URL: http://www.acplan.jp/ichc2012/. Or, you can download the application form (PDF) and send it to the JTB Corp by fax or e-mail. Application should be accompanied by a payment covering the total amount of hotel accommodation and excursion. No reservation will be confirmed in the absence of this payment. All payments must be made in Japanese yen (JPY).
Deadline for hotel application: July 31, 2012.

JTB Western Japan, Corp. MICE Center
11F Hommachi cross Bldg.
3-1-8 Minamikyuhoji-cho, Chuo-ku
Osaka 541-0058, Japan
Phone: +81-6-6252-2861 (Mon.-Fri. 9:30-17:30)
Fax: +81-6-6252-2862
E-mail: westec_op3@west.jtb.jp

Cancellation
In the case of cancellation, a written notification should be sent to JTB. Cancellation charges are indicated on our website, and differ according to the date of cancellation.

Passport and Visa
All foreign visitors entering Japan must possess a valid passport. Participants requiring visas should apply to the Japanese Consulate or Mission in their countries prior to departure. For details, participants are advised to contact their travel agencies or to visit the official website of the Ministry of Foreign Affairs of Japan. For those who need to apply for a visa, please contact the Organizing Secretariat.

Ministry of Foreign Affairs of Japan: http://www.mofa.go.jp/j_info/visit-visa/
Japanese embassy or consulate: http://www.mofa.go.jp/about/emb_cons/over/
**Foreign Exchange and Credit Cards**

The Congress can only accept Japanese yen in cash or Master/VISA credit cards at the registration desk. Foreign currency exchange is available at major hotels, banks and international airports in Japan including the Kansai International Airport. Major credit cards are widely accepted at hotels and shops. You can withdraw money using credit cards issued by VISA, Master Card, American Express, Diners Club, etc. at Japanese Post Office ATMs, but please verify this with your credit card company before departure from your home country. It is suggested that you bring sufficient cash in yen for your needs.

**Climate and Clothing**

In late August, the average temperature in Kyoto is approximately 27.6˚C (81.7˚F) with a high of 35.7˚C (96.3˚F) and low of 20.4˚C (68.7˚F). Light summer clothing is recommended.

**Electric Power**

Western Japan, including Kyoto is on 100V, AC/60Hz. Devices for 110V AC will work well. The plug type in Japan is type A with two flat blades without a ground pin, the same type widely used in the USA and Canada.

**Consumption Tax**

A national consumption tax of 5% is added to almost all commodities and services in Japan.

**Tipping**

Tipping is not customary in Japan.

**Optional Tours in Kyoto**

Several tours in and around Kyoto city are operated daily by JTB. For details please refer to: [http://www.jtb-sunrisetours.jp/](http://www.jtb-sunrisetours.jp/)

**Kyoto – Ancient Capital**

Kyoto, located roughly in the center of Japan’s main island, is an ancient city with a 1200-year history. It was Japan’s capital from 794 to 1868 and has remained the cultural and historical focal point of the country. Countless temples, shrines and other historically priceless structures survive in the city today, comprising a "living museum". As many as 17 UNESCO World Heritage Sites, known as 'The Historic Monuments of Ancient Kyoto', are located in the city. Moreover, many festivals, ceremonies and traditional industries convey the will of this city to transmit and develop its 1200-year-old culture. As many as 49 million sightseers visited Kyoto in 2010, with the number of visitors steadily rising for the last 10 years.

Kyoto has also contributed greatly to the nation’s industrial, economic and cultural development and strength. The city is a repository of research materials, since it is mainly here that Japanese characters and technologies were developed. It is also famous for its abundance of academic facilities, having more than 30 universities and colleges.

The city of Kyoto is the seventh largest city in Japan, with a population of 1.4 million people. The main business district in Kyoto is located to the south of the old Imperial Palace.

[http://www.kyoto.travel/](http://www.kyoto.travel/)
Access to Kyoto

A direct flight to Kansai International Airport (KIX) is the most convenient and economical route for overseas participants. From there, participants can reach Kyoto by the following means.

1. JR (Japan Railway) Airport Limited Express train, Haruka directly connects you to JR Kyoto station. It departs every 30 minutes. Traveling time: 75 mins. Fare: ¥3,290 for reserved seats, ¥2,980 for non-reserved seats.

2. Airport limousine bus service. Buses depart every hour. Traveling time: 95 mins. Fare: ¥2,500.

Participants arriving at New Tokyo (Narita) International Airport, Tokyo (Haneda) International Airport or Central Japan (Nagoya) International Airport may refer to the following chart.

Japan Rail Pass

Participants planning to travel within Japan are recommended to purchase a Japan Rail (JR) Pass before departure from their home country, as it cannot be purchased in Japan. This pass includes all JR trains, including the Haruka, Narita Express and Bullet train, but some restrictions apply; the pass is not valid for “NOZOMI” trains on the Tokaido and Sanyo Shinkansen line. A 7-day pass costs ¥28,300 (ordinary class) or ¥37,800 (first class). URL: http://www.japanrailpass.net/

Insurance

The organizers do not accept responsibility for personal accident and damage to private property. Participants are advised to make their own arrangements with respect to personal insurance if they so desire.
Grand Prince Hotel Kyoto
5-minute walk to Conference Center
URL: http://www.princehotels.co.jp/kyoto/

Hotel Granvia Kyoto
3-minute walk to Kyoto station
URL: http://www.granvia-kyoto.co.jp/

Hotel Monterey Kyoto
5-minute walk to subway Karasuma-Oike station
URL: http://www.hotelmonterey.co.jp/kyoto/

Kyoto Royal Hotel & Spa
5-minute walk to subway Shiyakusho-mae station
URL: http://www.ishinhotels.com/kyoto-royal/en

New Miyako Hotel
6-minute walk to Kyoto station
URL: http://www.miyakohotels.ne.jp/newmiyako/

Karasuma Kyoto Hotel
1-minute walk to subway Shijo station
URL: http://www.kyotohotel.co.jp/karasuma/

Aranvert Hotel Kyoto
5-minute walk to subway Gojo station
http://www.aranvert.co.jp/

Mitsui Garden Hotel Kyoto Sanjo
5-minute walk to subway Karasuma-Oike station
URL: http://www.gardenhotels.co.jp/sanjo/

Mitsui Garden Hotel Kyoto Shijo
6-minute walk to subway Shijo station
URL: http://www.gardenhotels.co.jp/kyoto/

Hearton Hotel Kyoto
5-minute walk to subway Karasuma-Oike station
URL: http://www.hearton.co.jp/kyoto/

Hotel Gimmond Kyoto
5-minute walk to subway Karasuma-Oike station
URL: http://gimmond.co.jp/en/

Hotel Hokke Club Kyoto
5-minute walk to Kyoto station
URL: http://www.hokke.co.jp/2601/

Via Inn Kyoto Shijo Muromachi
5-minute walk to subway Shijo station
URL: http://Kyoto.viainn.com/english/

Kyoto Garden Hotel
5-minute walk to subway Karasuma-Oike station
URL: http://www.kyoto-gardenhotel.co.jp/

Kyoto Central Inn
10-minute walk to subway Shijo station
URL: http://www.kyoto-centralinn.jp/(in Japanese)