

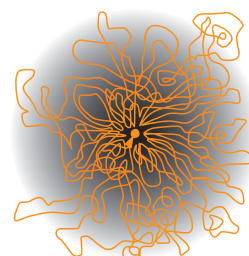


# 20th IUBMB International Congress of Biochemistry and Molecular Biology



## 11th FAOBMB Congress

in conjunction with  
79th Annual Meeting of the Japanese Biochemical Society  
and  
29th Annual meeting of the Molecular Biology Society of Japan



“Life: Molecular Integration & Biological Diversity”



«Second Announcement»



June 18 Sun-23 Fri 2006  
Kyoto Japan

[www.congre.co.jp/iubmb/](http://www.congre.co.jp/iubmb/)



Organizers:

International Union of Biochemistry and Molecular Biology (IUBMB)

Science Council of Japan

The Japanese Biochemical Society

The Molecular Biology Society of Japan

Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB)

Co-Organizer:

Japan Society for Cell Biology

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Cover:[Gregor Johann MENDEL] by Kiyoshi FUKUSHIMA

## Welcome Message

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Dear Colleagues,

We would be most honored by your participation in the 20th IUBMB International Congress of Biochemistry and Molecular Biology and the 11th FAOBMB Congress, which is scheduled to take place in Kyoto, Japan, from June 18 to 23, 2006. This Congress is a partnership between IUBMB, our regional organization the Federation of Asian and Oceanian Biochemists and Molecular Biologists, the Japanese Biochemical Society, and the Society for the Molecular Biology of Japan.

This Congress intends to provide an excellent opportunity to review the rapid advances in the fields of biochemistry and molecular biology with the theme **“Life: Molecular Integration & Biological Diversity.”** Many distinguished speakers from all parts of the world will be invited to bring us all up-to-date on recent developments, both in basic and clinical research, through 11 Plenary Lectures and 89 Symposia. There will also be opportunities for young scientists to make their work known to a wider audience through Poster Presentations and to discuss their scientific interests with colleagues from different countries. Further, a symposium called Young Scientists’ Program will be held for three days preceding the Congress, also in Kyoto.

This Congress will offer several innovative projects planned in cooperation between industry and academia, such as several symposium sessions featuring biotechnology, Bioindustry Seminars, Evening Workshops and a Career Fair for Researchers.

Kyoto is one of Japan’s ancient capitals, with a history of more than 1,200 years. Kyoto is widely recognized as the cultural soul of Japan and representative of all that is quintessentially Japanese. Seventeen locations around Kyoto have been designated as World Cultural Heritage Sites by UNESCO. Kyoto will provide the perfect setting for social as well as scientific enjoyment.

We hope that you will be able to join us. A large number of Japanese scientists are working hard with us to provide you with a very attractive congress and a memorable stay in Kyoto.

中座 浩

Tasuku Honjo, M.D., Ph.D.

President

20th IUBMB International Congress of Biochemistry and Molecular Biology  
and 11th FAOBMB Congress





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Tadasu Tachi, Satoshi Takagi, Shunichi Takeda, Gozoh  
Tsujimoto, Toshio Yanagida

## Congress Information

#### Dates

Sunday, June 18 - Friday, June 23, 2006

#### Venues

Kyoto International Conference Hall (KICH)

Takaragaike, Sakyo-ku, Kyoto 606-0001

Phone: + 81-75-705-1234 Fax: + 81-75-705-1100

Kyoto Takaragaike Prince Hotel

Takaragaike, Sakyo-ku, Kyoto 606-8505

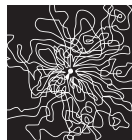
Phone: + 81-75-712-1111 Fax: + 81-75-712-7677

#### Official Language

English (no simultaneous interpretation provided)

## Preliminary Program Overview

	Morning	Lunchtime	Afternoon	Evening
June 16 (Fri) - 17 (Sat)	Young Scientists' Program (at CO-OP Inn Kyoto)			
June 18 (Sun)	Young Scientists' Program (at CO-OP Inn Kyoto)		Opening Ceremony Plenary Lecture	Get-together
	Registration			
June 19 (Mon)	Plenary Lecture 8:30 -9:20 Symposia 9:30 -11:45	Bioindustry Seminars 12:00 -13:15	Plenary Lecture 13:30 -14:20 Symposia 14:30 -16:45 Poster Sessions 16:45 -18:00	Evening Workshops 18:00 -19:45
June 20 (Tues)	Plenary Lecture 8:30 -9:20 Symposia 9:30 -11:45	Poster Sessions 11:45 -13:00	Excursions 13:30 -18:00	
June 21 (Weds)	Plenary Lecture 8:30 -9:20 Symposia 9:30 -11:45	Bioindustry Seminars 12:00 -13:15	Plenary Lecture 13:30 -14:20 Symposia 14:30 -16:45 Poster Sessions 16:45 -18:00	Evening Workshops 18:00 -19:45
June 22 (Thurs)	Plenary Lecture 8:30 -9:20 Symposia 9:30 -11:45	Bioindustry Seminars 12:00 -13:15	Plenary Lecture 13:30 -14:20 Symposia 14:30 -16:45 Poster Sessions 16:45 -18:00	Evening Workshops 18:00 -19:45 Banquet
June 23 (Fri)	Plenary Lecture 8:30 -9:20 Symposia 9:30 -11:45	Bioindustry Seminars 12:00 -13:15	Plenary Lecture 13:30 -14:20 Symposia 14:30 -16:45 Poster Sessions 16:45 -18:00	Closing Ceremony



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## A brief summary of Social Programs and Evening Programs

**Sunday, June 18**

Opening Ceremony  
Get-together

**Tuesday, June 20**

Excursions

**Thursday, June 22**

Banquet

**Friday, June 23**

Closing Ceremony

## Plenary Lectures

### Sun. June 18

IUBMB/FAOBMB Hayaishi Lecture

**Main Hall**

**Charles S. Zuker (USA)**

Tentative Title: The molecular biology of taste

IUBMB Slater Lecture

**Main Hall**

**Pascale Cossart (France)**

Tentative Title: Host pathogen interactions: The Listeria paradigm

### Mon. June 19

IUBMB Lecture

**Main Hall / 8:30-9:20**

**Gerald Hart (USA)**

Tentative Title: Dynamic interplay between phosphorylation and O-GlcNAcylation: Roles in signaling, transcription & cell survival

IUBMB Ochoa Lecture

**Main Hall / 13:30-14:20**

**David C. Baulcombe (UK)**

Tentative Title: Gene silencing in plants

### Tue. June 20

FAOBMB Murachi Lecture

**Main Hall / 8:30-9:20**

**Zhu Chen (China)**

Tentative Title: Systems biology of leukemia

### Wed. June 21

IUBMB Beatty Lecture

**Main Hall / 8:30-9:20**

**Tak W. Mak (Canada)**

Tentative Title: Genetic dissection of cell death pathways

FAOBMB Lecture

**Main Hall / 13:30-14:20**

**Yoshinori Ohsumi (Japan)**

Tentative Title: Cellular recycle system - Molecular dissection of autophagy -

### Thu. June 22

FEBS Lecture

**Main Hall / 8:30-9:20**

**Iain Mattaj (Germany)**

Tentative Title: Postmitotic nuclear envelope assembly

Nishizuka Lecture

**Main Hall / 13:30-14:20**

**Hans Clevers (The Netherlands)**

Tentative Title: Wnt and notch signaling pathways in development and cancer of the gut

### Fri. June 23

FAOBMB/IUBMB Yagi Lecture

**Main Hall / 8:30-9:20**

**Bruce Stillman (USA)**

Tentative Title: The origin recognition complex and the duplication of chromosomes in eukaryotes

FAOBMB Svasti Lecture

**Main Hall / 13:30-14:20**

**Sunghoon Kim (Korea)**

Tentative Title: Functional network of aminoacyl-tRNA synthetases and human diseases



## Planned Symposia (Tentative)

**Mon. June 19**

S01 **Main Hall** / 9:30-11:45

### **Glycobiology**

Disorder of glycosylation and disease

chair: Toshisuke Kawasaki (Japan)

chair: William Lennarz (USA)

Hudson Freeze (USA)

Richard D. Cummings (USA)

Aebi Markus (Switzerland)

Tadashi Suzuki (Japan)

S02 **Room A** / 9:30-11:45

### **RNA**

The frontiers of RNA research on diversified gene expression network

chair: Akila Mayeda (USA)

chair: Stefan Stamm (Germany)

Xiang-Dong Fu (USA)

Mutsuhito Ohno (Japan)

S03 **Room B-1** / 9:30-11:45

### **Bioenergetics**

ATP-driven pumps and their roles in cellular functions

chair: Masatomo Maeda (Japan)

chair: Ernesto Carafoli (Italy)

Adela Gonzalez de la Campa (Spain)

Chikashi Toyoshima (Japan)

Ayako Ohashi-Kobayashi (Japan)

S04 **Room B-2** / 9:30-11:45

### **Molecular Evolution**

Diversification and evolution of protein-protein interactions in view of proteome

chair: Takashi Gojobori (Japan)

chair: Wen-Hsiung Li (USA)

Thoru Natsume (Japan)

Ken Nishikawa (Japan)

Andrey Rzhetsky (USA)

S05 **Room D** / 9:30-11:45

### **Plant Biology**

Plant development and cell death: View from cell biology

chair: Ikuko Hara-Nishimura (Japan)

chair: Jean T. Greenberg (USA)

Mikio Nishimura (Japan)

Vernonica E. Franklin-Tong (UK)

Savithamma P. Dinesh-Kumar (USA)

S06 **Room E** / 9:30-11:45

### **Commemorative Symposium**

Biology and disorders of ADP-ribosylation: In commemoration of the 40th anniversary of the discovery of ADP-ribosylation

chair: Mitsuko Masutani (Japan)

chair: Joel Moss (USA)

Masanao Miwa (Japan)

Françoise Dantzer (France)

Valerie Kickhoefer (USA)

S07 **Prince Hall** / 9:30-11:45

### **Transcription**

Role of co-regulator complexes in transcription regulation

chair: Shigeaki Kato (Japan)

chair: Christopher K. Glass (USA)

Laszlo Tora (France)

Sung Hee Baek (Korea)

Kazuhiko Igarashi (Japan)

S08 **Gold Room** / 9:30-11:45

### **Single Molecule Biology**

Single molecule nanobiology

chair: Toshio Yanagida (Japan)

chair: Claudia Veigel (UK)

Toshio Ando (Japan)

S09 **Takasago Room** / 9:30-11:45

### **Biotechnology**

JBA Session: The possibilities and limitations of bio-analysing technologies

chair: Kenichi Matsubara (Japan)

S10 **Suehiro Room** / 9:30-11:45

### **Infectious Diseases**

Emerging viral and prion diseases

chair: Yoshihiro Kawaoka (Japan)

chair: Heinz Feldmann (Canada)

Koichi Morita (Japan)

Adriano Aguzzi (Switzerland)

S11 **Main Hall** / 14:30-16:45

### **RNA**

Small RNAs as regulators of gene expression

chair: Haruhiko Siomi (Japan)

chair: V. Narry Kim (Korea)

Phillip D. Zamore/ Yukihide Tomari (USA)

Erik Sontheimer (USA)

Mikiko C. Siomi (Japan)

S12 **Room A** / 14:30-16:45

### **Glycobiology**

Complex formation on the membrane and sugar chains

chair: Akemi Suzuki (Japan)

chair: Pamela Stanley (USA)

Sen-itiroh Hakomori (USA)

Yvette van Kooyk (The Netherlands)

Takashi Muramatsu (Japan)

S13 **Room B-1** / 14:30-16:45

### **Bioenergetics**

Electron transport systems in biomembranes

chair: Shinya Yoshikawa (Japan)

chair: William A. Cramer (USA)

Sergio Papa (Italy)

Marten Wikstrom (Finland)

Chang-An Yu (USA)



S14 **Room B-2** / 14:30-16:45

**Molecular Evolution**

Molecular mechanism of species diversification

- chair: Norihiro Okada (Japan)
- chair: Thomas D. Kocher (USA)
- Karen Carleton (USA)
- Arkhat Abzhanov (USA)

S15 **Room D** / 14:30-16:45

**Plant Biology**

Signaling networks in plants

- chair: Akira Nagatani (Japan)
- chair: Klaus Palme (Germany)
- Hong Gil Nam (Korea)
- Xing-Wang Deng (USA)

S16 **Room E** / 14:30-16:45

**Commemorative Symposium**

Structures and functions of oxygenases: In commemoration of the 50th anniversary of the discovery of oxygenases

- chair: Shozo Yamamoto (Japan)
- chair: Bettie Sue Masters (USA)
- Osamu Hayaishi (Japan)
- Yoshitsugu Shiro (Japan)
- John D. Lipscomb (USA)
- Alan R. Brash(USA)

S17 **Prince Hall** / 14:30-16:45

**Transcription**

Transcription control and chromatin structure

- chair: Shunsuke Ishii (Japan)
- chair: Jerry L. Workman (USA)
- Neil Brockdorff (UK)
- Yota Murakami (Japan)
- James T. Kadonaga (USA)

S18 **Gold Room** / 14:30-16:45

**Single Molecule Biology**

Single molecule imaging of cell signaling in living cells

- chair: Akihiro Kusumi (Japan)
- chair: Barbara A. Baird (USA)
- Derek Toomre (USA)
- Daniel Choquet (France)
- Takahiro Fujiwara (Japan)

S19 **Takasago Room** / 14:30-16:45

**Immunity**

Chemokines: Regulation of cell migration in immune response and development

- chair: Osamu Yoshie (Japan)
- chair: John H. Kehrl (USA)
- Dianqing Wu (USA)
- Akiko Iwasaki (USA)
- Takashi Nagasawa (Japan)

S20 **Suehiro Room** / 14:30-16:45

**Infectious Diseases**

Biology for Malaria control

- chair: Toshihiro Horii (Japan)
- chair: Chetan E. Chitnis (India)
- Brendan Crabb (Australia)
- Kazuyuki Tanabe (Japan)
- Tomoko Ishino (Japan)

**Tue. June 20**

S21 **Main Hall** / 9:30-11:45

**Genomics**

Genomics of multifactorial diseases

- chair: Takehiko Sasazuki (Japan)
- Kazuhiko Yamamoto (Japan)
- Norihiro Kato (Japan)

S22 **Room A** / 9:30-11:45

**Aging and Diseases**

Aging

- chair: Yo-ichi Nabeshima(Japan)
- chair: Lenny Guarente (USA)
- Shin-ichiro Imai (USA)
- Naoaki Ishii (Japan)

S23 **Room B-1** / 9:30-11:45

**Neuroscience**

Molecular mechanisms of neurodegenerative diseases

-horizon for disease mechanism-based therapeutics-

- chair: Shoji Tsuji (Japan)

S24 **Room B-2** / 9:30-11:45

**Cell Adhesion**

Extracellular matrix as a determinant of tissue

architecture and cellular function

- chair: Kiyotoshi Sekiguchi (Japan)
- chair: Kenneth M. Yamada (USA)
- Peter Yurchenco (USA)
- Fiona Watt (UK)

S25 **Room D** / 9:30-11:45

**Plant Biology**

Plant pathogenesis

- chair: Ko Shimamoto (Japan)
- chair: Brian Staskawicz (USA)
- Sheng Yang He(USA)
- Paul Schulze-Lefert (Germany)
- Jeff Ellis (Australia)

S26 **Room E** / 9:30-11:45

**Biotechnology**

Recent development of chromatographic technology and its application to therapy and diagnosis

- chair: Kuniyo Inouye (Japan)
- chair: Milton T. Hearn (Australia)
- Hiroyuki Nakazawa (Japan)
- David J. Hammond (USA)
- Carsten Voss (Germany)

S27 **Prince Hall** / 9:30-11:45

**Biotechnology**

JPMA Session: Chemical biology

- chair: Tetsuo Nagano (Japan)



S28 **Gold Room** / 9:30-11:45

**Membrane Trafficking**

Regulating membrane traffic to endosomes/lysosomes

chair: Kazuhisa Nakayama (Japan)

chair: Sandra Schmid (USA)

Jennifer Stow (Australia)

Sergio Grinstein (Canada)

Mitsunori Fukuda (Japan)

S29 **Takasago Room** / 9:30-11:45

**Education**

Teaching Biochemistry in the 21st century

chair: Haruhiko Masaki (Japan)

chair: Edward Wood (UK)

Eun Hee Cho (Korea)

Zengyi Chang (China)

S30 **Suehiro Room** / 9:30-11:45

**Transcription**

Epigenetics in cellular memory

chair: Yoichi Shinkai (Japan)

chair: Terumi Kohwi-Shigematsu (USA)

Manel Esteller (Spain)

Yi Zhang (USA)

Haruhiko Koseki (Japan)

Kei-ichi Shibahara (Japan)

S34 **Room B-2** / 9:30-11:45

**Education**

(TBA)

chair: Donald Voet (USA)

chair: Judith G. Voet (USA)

Manuel Jo Costa (Portugal)

Susan Hamilton (Australia)

P. K. Rangachari (Canada)

S35 **Room D** / 9:30-11:45

**Cell Adhesion**

Cell-cell adhesion

chair: Yoshimi Takai (Japan)

chair: Elaine Fuchs (USA)

Masatoshi Takeichi (Japan)

Thomas Lecuit (France)

S36 **Room E** / 9:30-11:45

**Signal Transduction**

NO and CO: Distinct biochemical identity

chair: Makoto Suematu (Japan)

chair: Nader G. Abraham (USA)

Toru Shimizu (Japan)

Michael A. Marletta (USA)

S37 **Prince Hall** / 9:30-11:45

**Immunity**

Frontier in the molecular biology of lymphocytes

chair: Tadatsugu Taniguchi (Japan)

chair: Richard Flavell (USA)

Rudolf Grosschedl (Germany)

Kathryn Calame (USA)

S38 **Gold Room** / 9:30-11:45

**Neuroscience**

Constructing brain structures(tentative title)

chair: Fujio Murakami (Japan)

chair: John Parnavelas (UK)

Alain Chedotal (France)

Takaki Miyata (Japan)

Seong-Seng Tan (Australia)

S39 **Takasago Room** / 9:30-11:45

**Biotechnology**

Chugai Session: Towards molecular targeting therapeutics-Basic research and its application

chair: Tatsumi Yamazaki (Japan)

S40 **Suehiro Room** / 9:30-11:45

**Sleep and Clock**

Biochemical mechanisms of sleep-wake regulation

chair: Yoshihiro Urade (Japan)

chair: Bertil B. Fredholm (Sweden)

Pierre-Herve Luppi (France)

Mehdi Tafti (Switzerland)

S33 **Room B-1** / 9:30-11:45

**Aging and Diseases**

Metabolic syndrome, atherosclerosis and obesity

chair: Juro Sakai (Japan)

chair: Jae Bum Kim (Korea)

Hiroaki Masuzaki (Japan)

S41 **Main Hall** / 14:30-16:45

**Cell Death**

Apoptosis in development and disease

chair: Masayuki Miura (Japan)

chair: Michael Hengartner (Switzerland)

Hermann Steller (USA)

Sharad Kumar (Australia)

**Wed. June 21**

S31 **Main Hall** / 9:30-11:45

**Cell Death**

Molecular mechanism of apoptosis

chair: Shigekazu Nagata (Japan)

chair: Junying Yuan (USA)

Andreas Strasser (Australia)

Craig B. Thompson (USA)

S32 **Room A** / 9:30-11:45

**Membrane Trafficking**

Membrane traffic: Molecular mechanisms

chair: Akihiko Nakano (Japan)

chair: William E. Balch (USA)

Ken Sato (Japan)

Charles Barlowe (USA)

Graham Warren (USA)

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S42 **Room A** / 14:30-16:45

**Membrane Trafficking**

Membrane traffic: Physiology and diseases

chair: Hiroshi Ohno (Japan)

chair: Graca Raposo (France)

Tamotsu Yoshimori (Japan)

Peter Arvan (USA)

S43 **Room B-1** / 14:30-16:45

**Aging and Diseases**

Angiogenesis and lymphangiogenesis

chair: Masabumi Shibuya (Japan)

chair: Anne Eichmann (France)

Napoleone Ferrara (USA)

Kari Alitalo (Finland)

S44 **Room B-2** / 14:30-16:45

**Lipid**

Lipid mediators in health and diseases

chair: Junken Aoki (Japan)

chair: Glenn D. Prestwich (USA)

Sarah Spiegel (USA)

S45 **Room D** / 14:30-16:45

**Cell Adhesion**

Cell-substrate adhesion

chair: Tatsuo Kinashi (Japan)

chair: Timothy A. Springer (USA)

Michael P. Sheetz (USA)

Richard Hynes (USA)

S46 **Room E** / 14:30-16:45

**Signal Transduction**

New aspects of phosphoinositide signaling

chair: Kiyoko Fukami (Japan)

chair: Donald W. Hilgemann (USA)

Pann-Ghill Suh (Korea)

Yoshikazu Nakamura (Japan)

Takehiko Sasaki (Japan)

Christina Mitchell (Australia)

S47 **Prince Hall** / 14:30-16:45

**Immunity**

Innate immunity: From plants to animals

chair: Shizuo Akira (Japan)

chair: Jules A. Hoffmann (France)

Elena A. Levashina (France)

Jeffrey L. Dangl (USA)

Bruce Beutler (USA)

S48 **Gold Room** / 14:30-16:45

**Neuroscience**

Neuronal polarity

chair: Kozo Kaibuchi (Japan)

chair: Carlos G. Dotti (Italy)

Gary Banker (USA)

Yuh-Nung Jan (USA)

Mineko Kengaku (Japan)

S49 **Takasago Room** / 14:30-16:45

**Genomics**

Regulatory genomics

chair: Yoshiyuki Sakaki (Japan)

chair: Hans Lehrach (Germany)

Bing Ren (USA)

Yoshihide Hayashizaki (Japan)

Yasumasa Ishida (Japan)

S50 **Suehiro Room** / 14:30-16:45

**Sleep and Clock**

From clock biochemistry to molecular medicine

chair: Norio Ishida (Japan)

chair: Fred W. Turek (USA)

Toru Takumi (Japan)

Paolo Sassone-Corsi (France)

Gijsbertus T. J. van der Horst (The Netherlands)

**Thu. June 22**

S51 **Main Hall** / 9:30-11:45

**Structures and Proteins**

Structural biology on cellular surface

chair: Yoshinori Fujiyoshi (Japan)

chair: Nigel Unwin (UK)

Werner Kühlbrandt (Germany)

Thomas Walz (USA)

S52 **Room A** / 9:30-11:45

**Signal Transduction**

Roles of kinases in cell regulation

chair: Yukiko Gotoh (Japan)

Dario Alessi (UK)

Anne Brunet (USA)

David Sabatini (USA)

S53 **Room B-1** / 9:30-11:45

**Development**

Advances in skeletomics in development and growth

chair: Toshiyuki Yoneda (Japan)

chair: Erwin F. Wagner (Austria)

Ernestina Schipani (USA)

Amanda Fosang (Australia)

S54 **Room B-2** / 9:30-11:45

**Systems Biology**

Decoding networks underlying complex biological systems

chair: Hiroki R. Ueda (Japan)

S55 **Room D** / 9:30-11:45

**Aging and Diseases**

Dentritic cells and human diseases

chair: Tatsutoshi Nakahata (Japan)

chair: Virginia Pascual (USA)

Koji Matsushima (Japan)

Norimitsu Kadowaki (Japan)



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S56 **Room E** / 9:30-11:45

**Lipid**

Lipid transport and membrane genesis

chair: Masahiro Nishijima (Japan)

chair: Jean E. Vance (Canada)

Maryse A. Block (France)

Kentaro Hanada (Japan)

Tim Levine (UK)

Christian C. R. H. Raetz (USA)

S57 **Prince Hall** / 9:30-11:45

**Quality Control of Proteins and Proteolysis**

Proteases and protease inhibitors in health and disease

chair: Hiroshi Kido (Japan)

chair: Guy Salvesen (USA)

Michael S. Wolfe (USA)

Carl P. Blobel (USA)

Matthew Freeman (UK)

Koichi Suzuki (Japan)

S58 **Gold Room** / 9:30-11:45

**Cancer**

Abnormality of the cell cycle checkpoints in cancer

chair: Yoichi Taya (Japan)

chair: Carol Prives (USA)

Yosef Shiloh (Israel)

Peter Sicinski (USA)

S59 **Takasago Room** / 9:30-11:45

**Cytoskeleton**

Dynamics and structural basis of cytoskeleton assembly

chair: Shuh Narumiya (Japan)

chair: Thomas D. Pollard (USA)

Clare M. Waterman-Storer (USA)

S60 **Suehiro Room** / 9:30-11:45

**DNA Repair and recombination**

DNA recombination with sequence specificity

chair: Reiko Shinkura (Japan)

chair: Fred Alt (USA)

S61 **Main Hall** / 14:30-16:45

**Development**

Recent progress in stem cell biology

chair: Shinya Yamanaka (Japan)

chair: Austin Smith (UK)

Kyunghee Choi (USA)

Joy Rathjen (Australia)

S62 **Room A** / 14:30-16:45

**Signal Transduction**

Calcium signaling

chair: Katsuhiko Mikoshiba (Japan)

chair: Andrew Miller (China)

Arnold R. Kriegstein (USA)

S63 **Room B-1** / 14:30-16:45

**RNA**

RNA metabolism: Its involvement in physiology and diseases

chair: Hideyuki Okano (Japan)

chair: Robert B. Darnell (USA)

Jennifer C. Darnell (USA)

Ken Inoue (Japan)

S64 **Room B-2** / 14:30-16:45

**Systems Biology**

Complex and dynamic behaviors of the gene networks

chair: Shigeru Kondo (Japan)

chair: Lingchong You (USA)

Julian Lewis (UK)

Cheng-Ming Chuong (USA)

S65 **Room D** / 14:30-16:45

**Structures and Proteins**

Structural basis on the regulation of intracellular signaling

chair: Fuyuhiko Inagaki (Japan)

Michael J. Eck (USA)

Mitsu Ikura (Japan)

S66 **Room E** / 14:30-16:45

**Lipid**

Lipid modifications of proteins

chair: Taroh Kinoshita (Japan)

chair: Fuyuhiko Tamanoi (USA)

Maurine E. Linder (USA)

Patrick J. Casey (USA)

Satyajit Mayor (India)

Yusuke Maeda (Japan)

S67 **Gold Room** / 14:30-16:45

**Cancer**

Signaling abnormalities in cancer

chair: Kohei Miyazono (Japan)

chair: Carl-Henrik Heldin (Sweden)

Walter Birchmeier (Germany)

Tony Burgess (Australia)

S68 **Takasago Room** / 14:30-16:45

**Cytoskeleton**

Integrating signals for cell migration

chair: Tadaomi Takenawa (Japan)

chair: Richard Firtel (USA)

Peter Friedl (Germany)

Michael K Rosen (USA)

S69 **Suehiro Room** / 14:30-16:45

**DNA Repair and recombination**

Homologous recombination

chair: Shunichi Takeda (Japan)

chair: James E. Haber (USA)

Simon Boulton (UK)

Alan Lehmann (UK)

Akira Shinohara (Japan)



**Fri. June 23**

S70 **Main Hall** / 9:30-11:45

**Chromosome**

Molecular cell biology of chromosome dynamics

chair: Tatsuya Hirano (USA)  
chair: Laemmli Ulrich (Switzerland)  
Jan-Michael Peters (Austria)  
Yoshinori Watanabe (Japan)

S71 **Room A** / 9:30-11:45

**Development**

Signaling networks in embryo and organogenesis

chair: Hisato Kondoh (Japan)  
chair: Marianne Bronner-Fraser (USA)  
Ryoichiro Kageyama (Japan)  
Philippe Soriano (USA)  
Joel H. Rothman (USA)

S72 **Room B-1** / 9:30-11:45

**Cytoskeleton**

Mechanisms of epitheliogenesis

chair: Shigeo Ohno (Japan)  
chair: Mark Krasnow (USA)  
Ira Mellman (USA)  
Yoshiko Takahashi (Japan)

S73 **Room B-2** / 9:30-11:45

**Agrobiolology and Nutraceutical biotechnology**

A new era of rice genome research, molecular integration and biological diversity

chair: Takuji Sasaki (Japan)  
chair: Susan R. McCouch (USA)  
Thomas Bureau (Canada)  
Makoto Matsuoka Motoyuki Ashikari (Japan)  
Takashi Matsumoto (Japan)

S74 **Room D** / 9:30-11:45

**Cell Cycle**

DNA replication and the cell cycle

chair: Haruhiko Takisawa (Japan)  
chair: Ron Laskey (UK)  
Hiroto Okayama (Japan)  
Keiichi Nakayama (Japan)  
Anindya Dutta (USA)  
Genevieve Almouzni (France)

S75 **Room E** / 9:30-11:45

**Bioinformatics**

Pathway database

chair: Minoru Kanehisa (Japan)  
chair: Peer Bork (Germany)  
Dietmar Schomburg (Germany)  
Lynda Ellis (USA)  
Shankar Subramaniam (USA)

S76 **Prince Hall** / 9:30-11:45

**Quality Control of Proteins and Proteolysis**

Uncovering the mystery of ubiquitin-proteasome system

chair: Keiji Tanaka (Japan)  
chair: Chin Ha Chung (Korea)  
Ze'ev Ronai (USA)  
Dong-Er Zhang (USA)  
Kazuhiro Iwai (Japan)  
Shigeo Murata (Japan)

S77 **Gold Room** / 9:30-11:45

**Organelle Biogenesis**

Organelle biogenesis and human disorders

chair: Yukio Fujiki (Japan)  
chair: Walter Neupert (Germany)  
Richard Youle (USA)  
Taroh Kinoshita (Japan)

S78 **Takasago Room** / 9:30-11:45

**Redox**

Redox sensor mechanism against electrophiles

chair: Koji Uchida (Japan)  
chair: Thomas W. Kensler (USA)  
Michel B. Toledano (France)  
Arne Holmgren (Sweden)  
Masayuki Yamamoto (Japan)

S79 **Suehiro Room** / 9:30-11:45

**Biotransformation**

Biodiversity of P450 and drug metabolism

chair: Tetsuya Kamataki (Japan)  
chair: Frank J. Gonzalez (USA)  
Eric F. Johnson (USA)  
Ulrich M. Zanger (Germany)  
Yuzo Yoshida (Japan)

S80 **Main Hall** / 14:30-16:45

**Chromosome**

Mechanisms of chromosome condensation and segregation

chair: Yoshihiro Yoneda (Japan)  
chair: Andy Choo (Australia)

S81 **Room A** / 14:30-16:45

**Structures and Proteins**

Functional and structural biology on macromolecular assemblies in nuclei

chair: Kosuke Morikawa (Japan)  
James M. Berger (USA)

S82 **Room B-1** / 14:30-16:45

**DNA Repair and recombination**

DNA damage and repair in cancer and aging

chair: Fumio Hanaoka (Japan)  
chair: Wei Yang (USA)  
Alan D. D'Andrea (USA)  
Jan H. J. Hoeijmakers (The Netherlands)  
Kiyoji Tanaka (Japan)



S83 **Room B-2** / 14:30-16:45

**Agrobiolology and Nutraceutical biotechnology**

Fermentation and agrobiotechnology

chair: Katsuhiko Kitamoto (Japan)

chair: Ying-Chieh Tsai (Taipei, China)

Emmanuelle Maguin (France)

Hideo Mori (Japan)

David Archer (UK)

S84 **Room D** / 14:30-16:45

**Cell Cycle**

Molecular dynamics at the eukaryotic DNA replication

fork and its dysfunctional consequences

chair: Akio Sugino (Japan)

chair: Peter Burgers (USA)

Hiroyuki Araki (Japan)

Yeon-Soo Seo (Korea)

S85 **Room E** / 14:30-16:45

**Bioinformatics**

Gene expression analysis and gene network inference

chair: Satoru Miyano (Japan)

chair: Alvis Brazma (UK)

Katsuhisa Horimoto (Japan)

Ilya Shmulevich (USA)

Cristin Print (UK)

S86 **Prince Hall** / 14:30-16:45

**Quality Control of Proteins and Proteolysis**

Quality control of proteins from bacteria to human

chair: Kazutoshi Mori (Japan)

chair: Ari Helenius (Switzerland)

Koreaki Ito (Japan)

Kazuhiro Nagata (Japan)

Richard Gardner (USA)

Susan Lindquist(USA)

S87 **Gold Room** / 14:30-16:45

**Organelle Biogenesis**

Dynamics of organelle morphology and its regulation

chair: Katsuyoshi Mihara (Japan)

chair: Kai Simons (Germany)

Vivek Malhatra (USA)

S88 **Takasago Room** / 14:30-16:45

**Redox**

Biological responses for reactive oxygen and hypoxia

chair: Masayuki Yamamoto (Japan)

chair: Lorenz Poellinger (Sweden)

Steven Kleeberger (USA)

Hidenori Ichijo (Japan)

Randall Johnson (USA)

Greg Semenza (USA)

S89 **Suehiro Room** / 14:30-16:45

**Bioactive Substances from Natural Environment**

New strategy for scientific elucidation of traditional

herbal medicine

chair: Haruki Yamada (Japan)

chair: Ming-Jai Su (Taipei, China)

Takeshi Miyata (Japan)

Kwok-Fai So (China)

Hyunsu Bae (Korea)

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## Poster Sessions

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Poster sessions will be great opportunities especially for young scientists to make their work known to a wider audience and to exchange their scientific knowledge and ideas.

The organizing committee emphasizes the importance of posters and, accordingly, ample space and time will be devoted to poster viewing and discussion. Two large halls will be prepared for posters, and each poster will be on display for one day. Poster sessions will be held between 16:45 and 18:00 on June 19, 21, 22 and 23, and between 11:45 and 13:00 on June 20.

All participants are invited to submit an abstract of original current work to poster sessions at the Congress. Please refer to page 14 for abstract submissions.

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## Bioindustry Seminars

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At lunch time you can join "Bioindustry Seminars" which provide delicious lunch boxes. 7-8 sponsored seminars will be held in lunch hour during the congress. Your attendance will be welcomed.

The Bioindustry seminars are sponsored seminars and will be conducted in a luncheon format.

Venue: Kyoto International Conference Hall

Kyoto Takaragaike Prince Hotel

Time allocation: 12:00-13:15

Inquiries from Japan to:

A & E Planning Co., Ltd. Head office

E-mail: iubmb2006-exh@aeplan.co.jp

Tel: +81-3-3230-2744

Fax: +81-3-3230-2479

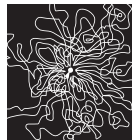
Inquiries from abroad to:

A & E Planning Co., Ltd. Osaka office

E-mail: iubmb2006-exh@aeplan.co.jp

Tel: +81-6-6350-7162

Fax: +81-6-6350-7164



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## Evening Workshops

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During the Congress, 12 evening workshops for Key Scientific Fields of Study (see below) will be offered after the Symposium program, from 18:00-19:30 in Kyoto International Conference Hall. Our main purpose in holding the workshops is to facilitate networking between scientists and researchers, both young and experienced, professors and students, and academics and company executives, where discussion can be freely pursued.

Themes of Evening Workshops (proposed)

Gene Expression	Micro array
RNAi	Transcriptome
Proteome	Protein Array/ Antibody array
Metabolome	BioInformatics
System Biology	Regeneration biology
Signal Transduction	Glycoscience

Refreshments and snacks will be provided by several sponsoring companies.

For additional information, please visit our website at <http://www.congre.co.jp/iubmb/>

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## Satellite Meetings

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### **Molecular Mechanism and Regulation in Cation Transport ATPases and Related Genetic Diseases**

Sunday, June 25-Tuesday, June 27

Asahikawa Grand Hotel, Asahikawa, Hokkaido, Japan

Organizers: Hiroshi Suzuki (Asahikawa Medical College), Kazuya Taniguchi (Hokkaido University, professor emeritus)

E-mail: [hisuzuki@asahikawa-med.ac.jp](mailto:hisuzuki@asahikawa-med.ac.jp)

### **Biochemistry and Molecular Biology of Sensor Enzymes and Proteins**

Thursday, June 15-Friday, June 16

Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, 2-1-1 Katahira, Aoba-ku, Sendai 980-8577, Japan

Organizer: Toru Shimizu (Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Sendai)

E-mail: [shimizu@tagen.tohoku.ac.jp](mailto:shimizu@tagen.tohoku.ac.jp)

### **Extracellular Glycomatrix in Health and Disease**

Thursday, June 15-Saturday, June 17

The Hyogo Prefectural Awaji Yumebutai International Conference Center, 1 Yumebutai, Awaji Island, Hyogo 656-2301 Japan

Organizer: Koji Kimata (Institute for Molecular Science of Medicine, Aichi Medical University)

E-mail: [glycom@aichi-med-u.ac.jp](mailto:glycom@aichi-med-u.ac.jp)

### **Biology of 14-3-3 proteins**

Saturday, June 17

SHIRAN KAIKAN-Kyoto University of Medicine Centennial Hall-Yamauchi Hall, Yoshidakonoe-cho, Sakyo-ku, Kyoto 600-8501, Japan

Organizers: Yukiko Gotoh, Tohru Ichimura, Hiroshi Kido

E-mail: [ichimura@mail.comp.metro-u.ac.jp](mailto:ichimura@mail.comp.metro-u.ac.jp)

### **New Frontiers of the Biotin-related Biochemistry**

Friday, June 16-Saturday, June 17

Aso, Kumamoto Prefecture, Japan

Organizer: Hiroki Kondo (Faculty of Computer Science and Systems Engineering,

Kyushu Institute of Technology)

E-mail: [kondo@bio.kyutech.ac.jp](mailto:kondo@bio.kyutech.ac.jp)

### **International Glycosyltransferase Symposium**

Monday, June 26-Wednesday, June 28

Tsukuba International Congress Center, 2-20-3, Takezono, Tsukuba, Ibaraki 305-0032, Japan

Organizer: Hisashi Narimatsu (Research Center for Glycoscience, National Institute of Advanced Industrial Science and Technology)

E-mail: [h.narimatsu@aist.go.jp](mailto:h.narimatsu@aist.go.jp),

E-mail: [secretary\\_office.GlycoT2006@ni.aist.go.jp](mailto:secretary_office.GlycoT2006@ni.aist.go.jp)

### **Medical and Biological Perspectives in Proteases and Their Inhibitors**

Sunday, June 25-Monday, June 26

Awaji Yumebutai International Conference Center, Awaji-1, Hyogo 656-2306, Japan

Organizers: Hiroshi Kido, Bolis Turk, Kenji Yamamoto and Shoichi Ishiura

E-mail: [kido@ier.tokushima-u.ac.jp](mailto:kido@ier.tokushima-u.ac.jp)

### **International Symposium for Human Liver Proteomics in Asia and Oceania**

Thursday, June 15-Friday, June 16

Time 24, Tokyo BIGSITE, Ohme 2-45, Koto-Ku, Tokyo 135-8073, Japan

Organizer: Kazuyuki Nakamura (Professor and Chairman, Department of Biochemistry, Biomolecular Recognition, Yamaguchi University School of Medicine)

E-mail: [nakamura@yamaguchi-u.ac.jp](mailto:nakamura@yamaguchi-u.ac.jp)

E-mail: [biochem1@yamaguchi-u.ac.jp](mailto:biochem1@yamaguchi-u.ac.jp)

### **Antibody Engineering**

Friday, June 16 - Saturday, June 17

Inamori Auditorium, Kagoshima University, 1-21-40 Korimoto, Kagoshima

Organizers: Kazuhisa Sugimura (Prof. Kagoshima University),

Isao Ishida (General Manager and Director, Pharmaceutical Frontier Laboratory, Pharmaceutical Division, Kirin Brewery Co., Ltd.)

E-mail: [abeng@be.kagoshima-u.ac.jp](mailto:abeng@be.kagoshima-u.ac.jp)



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## Abstract Submissions

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On-line submission of abstracts (<http://www.congre.co.jp/iubmb/>) will be available from **December 5, 2005**.

The deadline for abstract submission is **January 31, 2006**.

Abstracts can only be submitted via the web-site <http://www.congre.co.jp/iubmb/>. Abstracts sent by mail, FAX or E-mail will not be accepted. **The deadline for abstract submission is January 31, 2006.**

Submitted abstracts will be reviewed for poster presentation and should be prepared by following the instructions listed below.

1. An individual may submit only one abstract and may present only one paper at the Congress, but may appear as a co-author on an unlimited number of others.
2. Abstracts must be prepared in English. The combined length of the abstract title, author's name(s), affiliation(s), title and body may not exceed 2000 characters.
3. The completed abstract should be submitted on-line via the congress website.
4. Upon submitting your abstract, please follow the guidelines given on the abstract form. Abstracts will be published as submitted; thus, any error that appears in the submitted abstract will appear in the published abstract.
5. Once your abstract has been successfully submitted, you will receive a confirmation by email. You can modify your abstract on-line until January 31, 2006 by using your abstract registration number and password.
6. Abstracts will be peer-reviewed by members of the Program Committee and Poster Review Committee.
7. Authors will be notified by email whether their abstracts have been accepted for presentation or not. If the abstract is accepted, authors will receive an abstract number which should be referred for any inquiries regarding your abstract.
8. Please be advised that **if your registration is not completed or registration fee is not received by January 31, 2006, your abstract will be neither included in the program nor the abstract book.** For any reasons your submission is declined, your registration fee will be fully refunded.

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## Scientific Topics

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### Glycobiology

- 01.01 Glycoproteins
- 01.02 Glycolipids
- 01.03 Proteoglycans
- 01.04 Lectins
- 01.05 Carbohydrate-related enzymes
- 01.06 Glycotechnology
- 01.07 Others

### Lipid

- 02.01 Lipid metabolome
- 02.02 Phospholipids
- 02.03 Sphingophospholipids
- 02.04 Phosphoinositide
- 02.05 Bioactive lipids and receptors
- 02.06 Cholesterol and lipoproteins
- 02.07 Fatty acids and glyceride
- 02.08 Steroids
- 02.09 Lipid modification in proteins
- 02.10 Others

### Structures and Proteins

- 03.01 Structural biology
- 03.02 Functional proteomics
- 03.03 Transfer proteins, Transporters
- 03.04 Others

### Bioenergetics

- 04.01 Ion transporting ATPases
- 04.02 Electron transfer
- 04.03 Others

### Quality Control of Proteins and Proteolysis

- 05.01 Protein folding and Quality control of proteins
- 05.02 Molecular chaperones
- 05.03 Proteases
- 05.04 Ubiquitin and proteasome
- 05.05 Autophagy
- 05.06 Others

### Signal Transduction

- 06.01 Extracellular signaling molecules
- 06.02 Membrane receptor signaling
- 06.03 Nuclear receptor signaling
- 06.04 Cyclic nucleotides and target proteins
- 06.05 Calcium and target proteins
- 06.06 Phospholipids and target proteins
- 06.07 Protein kinases and phosphatases
- 06.08 MAP kinase family
- 06.09 Trimeric G proteins
- 06.10 Small G proteins
- 06.11 Adaptor proteins
- 06.12 Nitric oxide (NO)
- 06.13 Ion channels
- 06.14 Stress and stress responses
- 06.15 Others

### Redox

- 07.01 Redox
- 07.02 Others

### Cytoskeleton

- 08.01 Cell motility
- 08.02 Cytoskeleton
- 08.03 Others

### Cell Adhesion

- 09.01 Cell-cell interactions and recognition
- 09.02 Extracellular matrix
- 09.03 Others

### Membrane Trafficking

- 10.01 Intracellular trafficking
- 10.02 Vesicular transport
- 10.03 Others

### Organelle Biogenesis

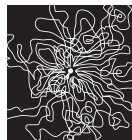
- 11.01 Dynamism of biomembranes
- 11.02 Biogenesis of intracellular organelles
- 11.03 Structure and function of intracellular organelles
- 11.04 Others

### Cell Death

- 12.01 Apoptosis
- 12.02 Others

### Single Molecule Biology

- 13.01 Biosensing
- 13.02 Bioimaging
- 13.03 Others



### **Genomics**

- 14.01 Genes and nucleic acids
- 14.02 Genome information
- 14.03 Others

### **Chromosome**

- 15.01 Genome function
- 15.02 Nuclear structures and functions (Chromosome, Chromatin, Nucleoli)
- 15.03 Epigenetic regulation
- 15.04 Gene silencing
- 15.05 Extra-chromosomal factor (Viruses, Phages, Plasmids, Transposons)
- 15.06 Others

### **Cell Cycle**

- 16.01 Cell proliferation
- 16.02 Cell division
- 16.03 Replication
- 16.04 Others

### **DNA Repair**

- 17.01 DNA recombination
- 17.02 DNA modifications
- 17.03 Mutations
- 17.04 Others

### **Transcription**

- 18.01 Transcription
- 18.02 Others

### **RNA**

- 19.01 RNA functions
- 19.02 RNA processing
- 19.03 Translation
- 19.04 Non-coding RNA
- 19.05 Others

### **Molecular Evolution**

- 20.01 Molecular evolution
- 20.02 Others

### **Development**

- 21.01 Embryogenesis
- 21.02 Morphogenesis
- 21.03 Cell differentiation
- 21.04 Stem cells, reproduction, fertilization
- 21.05 Regeneration
- 21.06 Others

### **Neuroscience**

- 22.01 Development and differentiation of the nervous system
- 22.02 Neural signal transduction
- 22.03 Synaptic transmission and brain function
- 22.04 Others

### **Systems Biology**

- 23.01 Molecular and Cellular Networks
- 23.02 Simulation / in silico Reconstruction
- 23.03 Others

### **Bioinformatics**

- 24.01 Genome informatics
- 24.02 Metabolomics
- 24.03 Proteomics
- 24.04 Others

### **Immunity**

- 25.01 Immunology and related diseases
- 25.02 Others

### **Aging and Diseases**

- 26.01 Aging
- 26.02 Cardiovascular diseases
- 26.03 Life style-related diseases
- 26.04 Stress and diseases
- 26.05 Endocrinological and metabolic diseases
- 26.06 Neurological diseases
- 26.07 Miscellaneous diseases
- 26.08 Molecular diagnosis and laboratory medicine
- 26.09 Drugs, toxins and environmental factors
- 26.10 Others

### **Infectious Diseases**

- 27.01 Infectious diseases
- 27.02 Others

### **Cancer**

- 28.01 Cancer
- 28.02 Others

### **Plant Biology**

- 29.01 Photosynthesis
- 29.02 Metabolisms
- 29.03 Plant morphogenesis, cell structure and organelle
- 29.04 Plant hormones
- 29.05 Plant-pathogen interactions
- 29.06 Plant gene expression
- 29.07 Signal reception and transduction
- 29.08 Others

### **Sleep and Clock**

- 30.01 Sleep and Clock
- 30.02 Others

### **Enzymes**

- 31.01 Enzyme mechanism
- 31.02 Oxidoreductases
- 31.03 Metallo enzymes and heme-oxygenases
- 31.04 Flavo enzymes
- 31.05 Pyridoxal enzymes
- 31.06 Transferases
- 31.07 Hydrolytic enzymes (hydrolases)
- 31.08 Enzyme inhibition
- 31.09 Nucleic acid metabolism
- 31.10 Vitamines
- 31.11 Polyamines
- 31.12 Inorganic compounds
- 31.13 Others

### **Biotechnology**

- 32.01 Protein engineering
- 32.02 Enzyme engineering
- 32.03 Genetic engineering
- 32.04 Cell engineering
- 32.05 Antibody engineering
- 32.06 Nano-biotechnology
- 32.07 Molecular breeding
- 32.08 Artificial organ
- 32.09 Others

### **Agrobiology and Nutraceutical biotechnology**

- 33.01 Agrobiology and nutraceutical biotechnology
- 33.02 Others

### **Bioactive Substances from the Natural Environment**

- 34.01 Bioactive substances from natural environment
- 34.02 Others

### **Education**

- 35.01 Education
- 35.02 Others

### **Biotransformation**

- 36.01 Biotransformation
- 36.02 Others





## Young Scientists' Program (YSP)

The International Union of Biochemistry and Molecular Biology, Japanese Biochemical Society, and the 20th IUBMB International Congress of Biochemistry and Molecular Biology and 11th FAOBMB Congress will sponsor a symposium for young scientists. The symposium will be held at CO-OP Inn Kyoto on the 3 days (June 16-18, 2006) preceding the 20th IUBMB International Congress of Biochemistry and Molecular Biology and 11th FAOBMB Congress. This Program will offer extensive opportunities for young scientists from all over the world to share and exchange scientific and professional experience. The program will consist of poster presentations by all participants and keynote lectures by senior scientists. Several posters will be selected for the best poster awards and the participants receiving the awards will have the opportunity to make an oral presentation. There will be a small gathering where all participants can exchange their scientific interests in a relaxed atmosphere..

Young scientists who are senior graduate students, post-doctoral trainees, or in the first few years of employment in the fields of biochemistry and molecular biology are encouraged to apply. All successful applicants will receive:

- a substantial contribution to the cost of traveling to Kyoto
- complimentary accommodation and meals during the Young Scientists' Program
- free registration for the Congress
- 6 nights accommodation during the Congress (June 18-23)
- free excursion on June 20 (EX-4 Nara)
- invitation to the Opening Ceremony

Successful applicants must present a poster describing their research at the main Congress.

### Venue and Accommodation

CO-OP Inn Kyoto  
Yanaginobamba St. North of Takoyakushi, Nakagyo-ku, Kyoto  
604-8113, Japan  
Phone: +81-75-256-6600  
Fax: +81-75-251-0120  
E-mail: [coopinn-k@univcoop.or.jp](mailto:coopinn-k@univcoop.or.jp)  
<http://hawk2.kyoto-bauc.or.jp/coop-inn/kyoto/>

### Application Deadline and Procedures

On-line Application (<http://www.congre.co.jp/iubmb/>) is now available.

Application Deadline: **November 30, 2005**

### Required Documents:

- 1) One abstract of the poster for the YSP Symposium and the Congress
- 2) Brief Curriculum Vitae (not more than one page)
- 3) List of publications with title and journal references
- 4) Motivation letter
- 5) Recommendation letter from the applicant's PI (Principal Investigator)  
Each PI can only recommend one applicant for the YSP.  
In addition to electronic submission, the recommendation letter with the PI's signature should be sent by air-mail. Applications will not be processed unless the recommendation letter with the PI's signature is received.
- 6) On a separate sheet, indicate (in detail) the level of financial support required, with justification, including travel to Kyoto by APEX/Economy airfare.

The YSP application form, CV, and Motivation letter must be submitted via the web-site. In addition, the recommendation letter with the PI's signature and the separate sheet indicating the airfare calculation should be sent via air-mail or another courier service.

Applications will be evaluated by a special committee of the organizers and IUBMB. The awardees will be announced in March 2006.

Scientific merit is a prerequisite for selection. To enable young scientists from many countries to participate, some consideration will also be given to nationality, to the locality where the young scientist is currently working, and to gender. Young scientists from developing countries and from all fields of biochemistry and molecular biology are encouraged to apply.

Notice: DO NOT submit an application to the main Congress, so as to avoid duplicate applications. Applications to YSP will be automatically submitted to the main Congress. Participants whose YSP application declined, but wish to submit their abstracts to the main Congress, must pay the registration fee by March 20, 2006. Otherwise, your abstract will be neither included in the program nor the abstract book.

For further information, please contact:

Dr. Toru Nakano  
Department of Pathology  
Graduate School of Frontier Biosciences/Medical School  
Osaka University  
Suita 565-0871 Osaka, Japan

E-mail: [tnakano@patho.med.osaka-u.ac.jp](mailto:tnakano@patho.med.osaka-u.ac.jp)

## Fellowships

### The Japanese Biochemical Society

The Japanese Biochemical Society will provide travel fellowships to allow outstanding young scientists from Asian countries to attend the 20th IUBMB International Congress of Biochemistry and Molecular Biology and 11th FAOBMB Congress. Detailed information will be announced on the website of the Japanese Biochemical Society:  
<http://www.soc.nii.ac.jp/jbiochem/>.

### FAOBMB

#### · FAOBMB Travel Fellowships

A limited number of Travel Fellowships will be available. The purpose of the fellowships is to motivate young scientists from constituent member countries of FAOBMB to achieve higher levels of accomplishment. Successful applicants will receive contribution (in part or in full) towards the discount economy air travel costs, accommodation expenses and exemption of the registration fee. The guidelines to apply for

the fellowship are as follows:

- I. The applicant must be under 40 and should be at early stage of his/her career development and have proven record of academic and intellectual achievement.
- II. The applicant should submit the following information to the Fellowship Committee.
  1. Brief curriculum vitae, including information on date of birth, sex, current and past affiliation, degrees, awards, research interests, and list of publications.
  2. Abstract that has already been accepted by the Organizing Committee of 20th IUBMB International Congress of Biochemistry and Molecular Biology and 11th FAOBMB Congress.
  3. Evidence of abstract acceptance (e.g. E-mail message from the Committee) should be sent to Prof. Brahmachari when notification has been received.
  4. Recommendation letter from two referees. The letters, with



institutional heads and signatures, should be sent electronically to the Fellowship Committee (see below for the addresses) before the deadline (to be announced) for the fellowship application.

5. The selected applicants will be notified by appropriate time.
6. Please send information requested to Professor Samir K. Brahmachari (India) at the following addresses:

Prof. S.K.Brahmachari  
 Chairman, FAOBMB Fellowship Committee  
 Director, IGIB, CSIR, Delhi 110 007, India  
 E-mail: [skb@igib.res.in](mailto:skb@igib.res.in)  
 Fax: +91-11-2766-7471

• **FAOBMB Award for Young Scientists**

The Award has been founded by a donation from Prof. Yasuhiro Anraku (The University of Tokyo) and shall commend outstanding young biochemists and molecular biologists associated with the FAOBMB Membership. The successful awardees shall be one each of male and female scientists less than 35 years old and selected every 3 years of

the FAOBMB Congress (the first one in Kyoto 2006) being held. The awardees each shall be invited to an FAOBMB Award Lecture at the Congress and endowed an FAOBMB Award of US\$2,000. The guidelines to apply for the fellowship are as follows:

**Application**

Applicants less than 35 years old in the FAOBMB fiscal year shall be residents in the FAOBMB member countries/areas, and applications shall be accepted from applicants him/herself and/or his/her supervisors.

**Selection**

An FAOBMB Award Committee shall be established by request of the President of the FAOBMB. The Committee shall select successful applicants and nominate them to the President. The President shall decide the awardees after consultation with the FAOBMB officers and be requested to inform their name to the FAOBMB Council members and the Chairman of the FAOBMB Congress Organizing Committee.

Detailed information will be announced on the FAOBMB website: <http://www.bic.nus.edu.sg/faobmb/home.html>

## Registration

All participants are required to register by completing the Registration Form. Participants can register on-line via our website. Receipt of the Registration Form will be acknowledged by email. Upon receipt of the Registration Form and payment of the registration fee, a confirmation and receipt will be sent to you. For advance registration, the form and payment must be received by the secretariat by **May 18, 2006**. If you Submit an abstract, you are required to complete your registration and payment by **January 31**.

On-line registration (<http://www.congre.co.jp/iubmb/>) will be available from **December 5, 2005**

### Registration Fees

Registration fee type	On or Before May 18, 2006	After May 18, 2006
Non-profit Scientist	20,000 yen	25,000 yen
Scientist from Profit Organization	35,000 yen	40,000 yen
Student (with valid student ID card)	6,000 yen	7,000 yen
Accompanying Person	5,000 yen	6,000 yen
Banquet	8,000 yen	8,000 yen

Students who wish to obtain a discount by registering in advance must submit proof of their status, such as a photocopy of a valid student ID card or a letter from the dean, department head, or research director, with a signature. After on-line registration, please send (1) the Registration Form and (2) a letter of proof of student status by FAX or airmail to the secretariat.

For students who plan to register on-site, please provide necessary materials at the registration desk.

### Payment

All payments must be made in Japanese yen by credit card or bank transfer. No checks or money orders will be accepted. If you send your registration fee by bank transfer, all bank charges incurred will be borne by the payee, and please ensure that you enter your registration number before your name.

### Registration Entitlement

- All registered participants will be entitled to:
- receive congress materials, including a set of official publications
  - participate in all Scientific Programs/Exhibition
  - attend the Opening Ceremony\* and Get-together

### Entitlement for Accompanying Person

- attend the Opening Ceremony\* and Get-together
- Accompany Persons' Program (Excursion: June 21; see page 20)

\*requiring on-line registration by May 18, 2006

### Confirmation and Receipt

Upon receiving your Registration Form and your remittance, the secretariat will send you a receipt with your registration number. Please bring this confirmation with you when you register and pick up your conference materials at the registration desk.

### Cancellation Policy

All cancellations must be made in writing and must be received by the secretariat by May 31, 2006. No refunds will be made for cancellations received after May 31, 2006. All refunds will be made after the congress and are subject to a 6,000 yen administration fee.

# Hotel Accommodations & Excursions

## OFFICIAL TRAVEL AGENT

JTB Corp. and Kinki Nippon Tourist Co. Ltd have been appointed as the official travel agents for the Congress and will handle all related travel arrangements, including hotel accommodations and excursions.

We have reserved hotels in Kyoto during the Congress period. Reservations will be made on a first-come, first-served basis. If there are no vacancies in a hotel you request to stay in, a room in the nearest grade will be reserved. After December 1, 2005, you can see the detailed information about hotels and excursion programs, and you can also apply for hotels and excursions through the Congress web site (<http://www.congre.co.jp/iubmb/>). We have prepared lots of excursion programs besides programs on this paper at the tour desk during the Congress.

## HOTEL ACCOMMODATIONS

\* Duration : June 17-24 (7 nights) 2006

\* Room rates include tax and service charge but no meal per night for 2005 and also include full bathroom and toilet.

Rates with an asterisk (\*) are for twin rooms with single occupancy.

KICH: Kyoto International Conference Hall

Class	Name of Hotel	Room charge (Yen)		Nearest Subway Station Time required	Internet	MAP
		Twin	Single			
A	Westin Miyako Hotel Kyoto (Delux)	29,000	*25,000	Keage Sta. 3min	LAN (Free)	①
	Westin Miyako Hotel Kyoto (Standard)	19,000	*15,000	Keage Sta. 3min		
	Kyoto Brighton Hotel	25,000	*23,000	Imadegawa Sta. 10min.	Dial Up (Pay)	②
	Hotel Princess Kyoto	20,000	*17,000	Shijo Sta. 5min.	LAN (Free)	③
	Hotel Granvia Kyoto	20,000	*17,000	Kyoto Sta. 3min.	LAN (Free)	④
	Kyoto Hotel Okura	22,000	16,500	Shiyakusyomae Sta. 1min.	Dial Up (Pay) or LAN (Free)	⑤
	Takaragaike Prince Hotel	19,000	*15,000	K I C H 5min. walk	LAN (Pay)	⑥
B	New Miyako Hotel	17,000	12,500	Kyoto Sta. 5min.	Dial Up (Pay) or LAN (Free)	⑦
	ANA Hotel Kyoto	18,000	11,500	Nijojo Sta. 5min.	Dial Up (Pay)	⑧
	Kyoto Century Hotel	17,000	11,500	Kyoto Sta. 3min.	LAN (Free)	⑨
	Hotel Fujita Kyoto	16,000	11,000	Shiyakusyomae Sta. 1min	LAN (Free)	⑩
	Kyoto New Hankyu Hotel	17,000	11,500	Kyoto Sta. 5min.	Dial Up (Pay)	⑪
	Rihga Royal Hotel Kyoto	16,000	10,500	Kyoto Sta. 10min.	LAN (Pay)	⑫
	Hotel New Kyoto	15,000	*10,000	Nijojo Sta. 5min.	UNAVAILABLE	⑬
	Kyoto Kokusai Hotel	16,000	10,500	Nijojo Sta. 5min.	Dial Up (Pay) or LAN (Free)	⑭
C	Kyoto Tokyu Hotel	17,000	10,000	Gojo Sta. 10min.	LAN (Free)	⑮
	Kyoto Royal Hotel & Spa	17,000	10,000	Shiyakusyomae Sta. 3min.	LAN (Free)	⑯
	Holiday Inn Kyoto	16,000	9,000	Free bus 10min. to KICH	Dial Up (Pay)	⑰
	Karasuma Kyoto Hotel	16,000	9,500	Shijo Sta. 1min.	Dial Up (Pay)	⑱
	Hotel Keihan Kyoto	16,000	9,000	Kyoto Sta. 3min.	Dial Up (Pay)	⑲
	Aranvert Hotel Kyoto	15,000	8,500	Gojo Sta. 4min.	Dial Up (Pay)	⑳
	Kyoto Tower Hotel	15,000	8,500	Kyoto Sta. 3min.	Dial Up (Pay)	㉑
	Sanjo Karasuma Hotel	15,000	8,000	Karasuma Oike Sta. 5min.	Dial Up (Pay) or LAN (Free)	㉒
	Hearton Hotel Kyoto	14,000	8,000	Karasuma Oike Sta. 5min.	LAN (Free)	㉓
	Hotel Sunroute Kyoto	12,000	8,000	Gojo Sta. 15min.	LAN (Pay)	㉔
D	Mitsui Garden Hotel Kyoto Shijo	15,000	8,000	Shijo Sta. 10min.	Dial Up(Pay) or LAN(Free)	㉕
	Dai-ni Tower Hotel	13,000	7,500	Kyoto Sta. 5min.	Dial Up (Pay)	㉖
	Kyoto Central Inn	—	7,000	Shijo Sta. 10min.	Dial Up (Pay)	㉗
	Hotel Rich Kyoto	13,000	7,000	Gojo Sta. 15min.	UNAVAILABLE	㉘
	Hotel Alpha Kyoto	12,000	7,000	Shiyakusyomae Sta. 10min.	LAN (Free)	㉙
	Maruko Inn Kyoto	12,000	7,000	Shijo Sta. 10min.	LAN (Free)	㉚
	Hotel Gimmond Kyoto	13,000	7,000	Karasuma Oike Sta. 5min.	LAN (Free)	㉛
	Kyoto Garden Hotel	12,000	7,000	Karasuma Oike Sta. 5min.	UNAVAILABLE	㉜
	Sun Hotel Kyoto	13,000	7,000	Shiyakusyomae Sta. 7min.	LAN (Free)	㉝
	APA Hotel Kyoto Ekimae	12,000	7,000	Kyoto Sta. 5min	LAN (Free)	㉞
	Hotel Oaks Kyoto Shijo	13,000	7,000	Shijo Sta. 15min.	LAN (Free)	㉟
	Hotel Hokke Club Kyoto	12,000	6,500	Kyoto Sta. 5min.	LAN (Free)	㊱
	APA Hotel Kyoto-eki Horikawadori	12,000	7,000	Kyoto Sta. 5min.	LAN (Free)	㊲

You also can get information about other accommodation facilities and Youth Hostels such as KKR Kunisou, Heian Kaikan, RUBINO Kyoto Horikawa, Apical Inn Kyoto, Higashiyama Youth Hostel through the homepage of the Congress.



## Excursions

Date: Tue. June 20, 2006

### EX-1 World Cultural Heritage

KICH - Nijo Castle - Golden Pavilion - Ryoanji Temple - Hotel  
Time : 13:30-18:00 Fee : 5,000 Japanese Yen

Nijo Castle: served as the residence of the Tokugawa Shoguns when they visited Kyoto. The typical style of art of the warrior class which can be observed here, is in clear contrast to that of the Court noble. The castle was built by Ieyasu Tokugawa at the beginning of the 17th century.

After the Meiji Restoration, it became the detached palace of the Imperial Household, but it was given to the city of Kyoto in 1939.

Golden Pavilion: was originally the villa of a Court noble named Kintsune Saionji in the precincts of the present Kinkakuji Temple. The villa was greatly improved by its second owner, Yoshimitsu Ashikaga. He laid out an extensive garden and built a beautiful pavilion toward the end of the 14th century. The pavilion became known as the Golden Pavilion or Kinkaku because of its gorgeous gilding. After the death of Yoshimitsu, the villa was turned into a Buddhist Temple of the Zen sect under the name of Rokuonji. However, the temple is better known by its popular name Kinkakuji or the Temple of the Golden Pavilion.

Ryoanji Temple: was founded by Priest Giten under the patronage of Katsumoto Hosokawa in 1448. Katsumoto Hosokawa was a famous general of the Ashikaga Shogunate and was a pious devotee of Zen Buddhism. The temple suffered a conflagration toward the end of the 18th century, and the present building was reconstructed after the fire. However, its gardens have remained intact, and the temple is especially noted for its five hundred year old rock garden, which contains no trees at all. The garden was constructed around 1450, soon after the founding of the temple. As it contains no plants, it is one of the very few old gardens which can be seen exactly as the designer made them. It is generally believed that the garden is the work of Soami, the most famous garden designer of his day. Some authorities maintain that another man named Zenami was the designer of this garden. It is the supreme example of a flat rock garden, and is the best specimen of the gardens classified as Karesansui or Dry Landscape type.



### EX-2 Higashiyama

KICH - Heian Shrine - Sanjusangendo Hall - Kiyomizu Temple - Hotel  
Time : 13:30-18:00 Fee : 5,000 Japanese Yen

Heian Shrine: is the most representative Shinto shrine in Kyoto, and is dedicated to Emperor Kammu, the founder of the Kyoto Capital, and Emperor Komei, the last Emperor of the Kyoto Capital. Heian, which literally means "peace and tranquility", was the ancient name of Kyoto. Patterned after the Imperial Palace which was built toward the end of the 8th century, the shrine was erected in 1895 in commemoration of Kyoto's 1100th anniversary. The vermilion structures with their green roofs reflect the influence of Chinese palace architecture of the T'ang dynasty, which flourished in the 8th century. The garden at the rear of the shrine is well known for its weeping cherry trees, maple trees, azaleas, irises and waterlilies.

Sanjusangendo Hall: Sanjusangendo literally means the "hall of thirty-three spaces". It is so called because there are thirty-three spaces between the pillars in front of its extraordinarily long altar. Thirty-three is an important symbolic number in Buddhism, especially associated with the worship of Kannon(Goddess of Mercy). It is preached that Kannon manifests herself in thirty-three different forms to save mankind.Sanjusangendo is a temple with the longest frontage in Japan, measuring about 120m in length.

The present building was reconstructed about the middle of the 13th century, and is regarded as one of the best specimens of architecture of its kind. The temple is also known as the Temple of Thousand Images because of its numerous Buddhist images. As well as the main image, there are one thousand carved wooden images of Kannon on the long altar.

Kiyomizu Temple: is one of the oldest temples in Kyoto, its origin 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.



### EX-3 Ginkakuji Temple & Mt. Hiei

KICH - Ginkakuji Temple - Enryakuji Temple - Hotel  
Time : 13:30-18:00 Fee : 5,000 Japanese Yen

Ginkakuji Temple: Ginkaku-ji (Temple of the Silver Pavilion) is the more common name for Jisho-ji, a temple belonging to the Shokoku School of the Rinzai Zen sect of Buddhism. It was built in 1489 and served as a retirement villa for the shogun Ashikaga Yoshimasa. The garden features white sand waves and two unique sand piles: the Kogetsudai, (Moon Mound) and the Ginsaden (Sea of Silver Sand), which were made to reflect moonlight so as to enhance the appreciation of the garden during moon-lit evenings.

Enryakuji Temple: is located atop Mt. Hiei in a thick grove of Japanese cypress-trees. It was established in 788 by Priest Saicho, better known as Dengyo-Daishi (767-822), founder of the Tendai sect by order of Emperor Kammu. The object of its foundation was to protect the new capital from evil spirits which were supposed to come from the northeast direction.



### EX-4 Nara

KICH - Kasuga Shrine - Todaiji Temple - Hotel  
Time : 13:30-18:30 Fee : 5,000 Japanese Yen

Kasuga Shrine: consists of four small shrines. The contrasting colors of bright vermilion and the green of the woods in which it nestles present a striking picture. It is famous for the 3,000 antique lanterns made of stone and bronze which align both sides of the street leading to the shrine. The lanterns are lit twice a year, once in February and again in August.

Todaiji Temple: boasts of two of the world's largest manmade constructions. One is the Daibutsu or Great Buddha, the largest bronze statue on earth. So overwhelming is its size - it weighs 450 tons and a thumb alone is 1.6 meters long - that it took four long years and about 437 tons of bronze, a large amount of charcoal, gold, mercury, vegetable wax and other materials to complete the original statue in 749. The other is the Daibutsuden or the Hall of the Great Buddha in which the Daibutsu is enclosed. It is the largest wooden structure made by man.

### EX-5 Yuzen Dyeing, Kimono Show & Shopping

KICH - Kodai-Yuzen-en - Nishijin Textile Center - Handicraft Center - Hotel  
Time : 13:30-18:30 Fee : 5,000 Japanese Yen

Kodai-Yuzen-en: The Kyo-Yuzen process, devised about 300 years ago, is a unique technique for dyeing clothes beautifully. Yuzen (printed silk) is representative of typical Japanese Dyeing techniques. You can see the beauty and the excellence of its technique through many displays and demonstrations here.

Nishijin Textile Center: Nishijin-ori which is famous throughout the world has been woven in the Nishijin district of Kyoto since the end of sixteenth century. It uses silk as the raw material and is known as one of the highest grade textiles in Japan. Not only Kimono and Obi but also neckties, dresses, gowns, table cloths, and others are made from the Nishijin-ori. Tour includes a Kimono fashion show, a demonstration of weaving, and displays of Nishijin silk fabrics.

Kyoto Handicraft Center: A place to observe exhibitions and demonstrations of Japanese traditional arts and crafts. Craftsmen may be seen using their traditional skills in damascene, woodblock print-making, cloisonne ware, doll making, brush painting, exquisite weaving and Satsuma painting. The products being made are sold on the premises, along with a large variety of other good quality souvenirs.

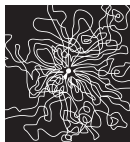


**Date: Wed. June 21, 2006**

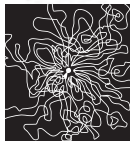
### Accompanying Persons' Program - Famous Japanese Garden

KICH - Daitokuji Daisen-in Temple - Tenryuji Temple - Myoshinji Temple - Hotel  
Time : 13:30-18:00 Fee: Included in the Registration Fee

Daitokuji Daisen-in Temple: founded in 1319 by Abbot Daito. Later, Abbot Ikkyu reconstructed it as one of the chief temples of the Rinzai Zen sect. Having been supported by tea masters, warriors and rich merchants, there are many subordinate temples in the precincts of this temple and almost all of them possess numerous priceless paintings and landscaped gardens dating from the 15th to the 17th centuries. The garden of Daisen-in is perhaps most remarkable. Karesansui (garden which uses white sand and rocks to symbolize water and lands) is known for its special scenic beauty.



IUBMB 2006



Tenryuji Temple: is the headquarter of the Tenryuji school of the Rinzai sect and was founded in 1339 by the first Ashikaga shogun, Takauji, in memory of Emperor Godaigo. The noted Priest Soseki, also known by the name of Muso-Kokushi, was the first superior. The temple was repeatedly ravaged by fire, the present buildings date from 1900. The Main Hall, called Tahoden, located in the center of the grounds, contains a memorial tablet to Emperor Godaigo. In the Lecture Hall to the right of the Main Hall are statues of Sakyamuni, Monju and Fugen. A noted landscape garden designed by Muso-Kokushi is located at the rear of the abbot's quarters.

Myoshinji Temple (Garden of Taizo-in): The garden is a typical example of the stroll garden style, designed by Muso-Kokushi to give the impression that the pond has a geographical connection with the mountain in the background. The entire area of the garden is covered with nearly 40 species of green and yellow mosses, some grown to an unusual thickness and is world-famous for this unique feature seen nowhere else.

## Night Tours

**Date: Mon. June 19, 2006**

### NT-1 Kyoto Cuisine

KICH - Restaurant Ganko Takasegawa Nijoen -To Hotel By Yourself  
Time : 17:00-20:30 Fee: 5,000 Japanese Yen Unlimited Drinks: 1,500 Japanese Yen

Restaurant Ganko Takasegawa Nijoen: Now operated by the Ganko chain, Nijoen is a large restaurant set in a Meiji-era villa. The location is superb, with the Takase River flowing through the delightful garden. Nijoen is fully licensed and popular with both tourists and business guests. The food is elegantly presented full-course Kyoto cuisine, including raw fish, rice, pickles, fish and vegetable dishes or tofu, all presented with great attention to detail in fine ceramics. Enjoy Japanese Kyoto-style cuisine at typical Japanese Restaurant.

\*No transfer from the restaurant back to the hotel.

\*This tour will be cancelled if the number of applicants is less than 40 persons.

**Date: Mon. June 19, 2006**

### NT-2 Kyoto Maiko Night

KICH - Restaurant Kacho (Maiko Show& Dinner) - Hotel  
Time : 17:30-22:30 Fee: 7,900 Japanese Yen Unlimited Drinks: 2,000 Japanese Yen

Restaurant Kacho: Enjoy a magnificent traditional Japanese dance performance of Maiko. Tempura supper, Japanese cuisine has recently become especially popular for its health value.

\*This tour will be cancelled if the number of applicants is less than 40 persons.



**Date: Wed. June 21, 2006**

### NT-3 Kyoto Yudofu cuisine

KICH - Restaurant Nanzenji Junsei - Hotel  
Time : 18:00-22:00 Fee: 7,500 Japanese Yen Unlimited Drinks: 2,000 Japanese Yen

Nanzenji Junsei: Junsei is a famous Japanese Tofu restaurant, and has a long history. It is located near the Nanzenji Temple's Mon (Gate), Yudofu (a kind of tofu) is most popular here. Most tourists come to Junsei to taste its famous Yudofu at all times of the year.

\*This tour will be cancelled if the number of applicants is less than 40 persons.

**Date: Mon. June 19, - Wed. June 21, 2006**

**NT-4 Casual Kyoto Dining 1**

Assembling at Hanamikouji Street - Restaurant Kurobatei - To Hotel By Yourself  
Time : 19:00-22:00 Fee: 3,000 Japanese Yen

Kurobatei: A Japanese cuisine restaurant located in the Gion Area.  
You can touch the culture of Kyoto and enjoy Kyoto dishes at a reasonable rate.

Menu:  
Yuba (Dry Bean Curd), Mushroom Dishes, Sashimi (Raw Fish), Seared Beef, Cooked Rice with Fish

\*This tour is for up to 24 participants maximum.

**NT-5 Casual Kyoto Dining 2**

Assembling at Hanamikouji Street - Restaurant Gion Oishinbo - To Hotel By Yourself  
Time : 19:00-21:00 Fee: 3,000 Japanese Yen

Gion Oishinbo: A restaurant located in the Gion Area.  
You can touch the culture of Kyoto and enjoy Kyoto dishes in a casual atmosphere.

Menu:  
Appetizer, Obanzai (Kyoto home cooking), Sashimi (Raw Fish), Pot-steamed hotchpotch  
Cooked Rice with Fish, Pickle, Soup, Dessert

\*No transfer from the restaurant back to the hotel.  
\*This tour will be cancelled if the number of applicants is less than 2 persons.  
\*This tour is for up to 24 participants maximum.

**NT-6 Casual Buffet Plan 1**

Assembling at Kyoto Station - Café Renaissance - To Hotel By Yourself  
Time : 19:00-21:00 Fee: 3,000 Japanese Yen

Café Renaissance: The modern, gray-striped Renaissance Building next to Kyoto Station features several restaurants, including a coffee shop, a Chinese restaurant, and a Japanese restaurant. Café Renaissance is a casual restaurant with European patio atmosphere and providing a lively space for you.

\*No transfer from the restaurant back to the hotel.  
\*This tour will be cancelled if the number of applicants is less than 2persons.  
\*This tour is for up to 100 participants maximum.

**NT-7 Casual Italian Supper Plan 2**

Assembling at Kyoto Station - Italian House Gio Giono - To Hotel By Yourself  
Time : 19:00-21:00 Fee:4,000 Japanese Yen

Italian House Gio Giono: The modern, gray-striped Renaissance Building next to Kyoto Station features several restaurants, including a coffee shop, a Chinese restaurant, and a Japanese restaurant. This supper will be in an informal Italian restaurant on the second floor serving pizza, pasta, and such main dishes as sautéed scallops, tuna with tomato and capers, and grilled veal with vegetables and mozzarella.

\*No transfer from the restaurant back to the hotel.  
\*This tour will be cancelled if the number of participants for the tour is less than 2 persons.  
\*This tour is for up to 100 participants maximum.

## Walking Tour

**Date: Wed. June 21, 2006**

**Assembly Place: Keihan Shijo Terminal Station**

Keihan Shijo Terminal Station - Yasaka Jinja Shrine - Kodaiji Temple - Kiyomizu Temple - Sanjusangendo Temple - Kyoto Station

Time : 12:30-17:00 Fee: 3,800 Japanese Yen

Yasaka Jinja Shrine: The origin of this shrine is not certain. However, the main hall of the shrine is credited with halting a major epidemic in 877 that had spread throughout the capital. This shrine is an extremely popular destination to pray for the prevention of disease and illness. The shrine's





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magnificent vermilion gate is a important national cultural asset. The Gion Festival, held here in July, is known as one of Japan's three main festivals.

Kodajji Temple: Nene, the widow of Toyotomi Hideyoshi, constructed this temple to console her husband's spirit. The garden surrounding Kaisan-do Hall is a designated national historic and famous scenic place. Many personal artworks, etc. that once belonged to Hideyoshi and Nene, are on display at the temple.

Kiyomizu Temple: is one of the oldest temples in Kyoto, its origin dating 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.



Sanjusangendo Hall: Sanjusangendo literally means the "hall of thirty-three spaces". It is so called because there are thirty-three spaces between the pillars in front of its extraordinarily long altar. Thirty-three is an important symbolic number in Buddhism, especially associated with the Kannon (Goddess of Mercy). It is preached that Kannon manifests herself in thirty-three different forms to save mankind. Sanjusangendo is a temple with the longest frontage in Japan, measuring about 120m in length. The present building was reconstructed about the middle of the 13th century, and is regarded as one of the best specimens of architecture of its kind. The temple is also known as the "Temple of Thousand Images" because of its numerous Buddhist images. As well as the main image, there are one thousand carved wooden images of Kannon on the long altar.

\*This tour will be cancelled if the number of applicants is less than 30 persons.

## Technical Visit Tours

**Date: Mon. June 19, 2006**

### TV-1 KYOCERA & HORIBA LTD.

KICH - Kyocera Corporation - Horiba Ltd. - Hotel  
Time : 13:00-18:00 Fee: 5,000 Japanese Yen

"KYOCERA CORPORATION:

Kyocera is famous for its technical capabilities to manufacture ceramic materials. In this tour, we can visit Kyocera Headquarter Building which is eco-friendly, equipped with photovoltaic power generation system and co-generation power system. Photovoltaic power generation system here consists of 1896 pieces of panels totally attached on the wall and roof. Kyocera Museum on the 1st floor and Kyocera Ceramic Museum on the 2nd floor will be main sightseeing points."

HORIBA LTD.: Visit to System Laboratory of exhaust fume measurement and production of environmental measurement systems.

\*This tour will be cancelled if the number of applicants is less than 30 persons.

### TV-2 SHIMADZU Corp. & Kinshi Masamune Museum

KICH - Shimadzu Corporation - Kinshi Masamune(Japanese Sake) Museum - Hotel  
Time : 12:00-17:30 Fee: 5,000 Japanese Yen

SHIMADZU CORPORATION: Shimadzu Corp. has a long history. It manufactures Analytical & Measuring instruments, medical instruments, industrial equipment and aircraft equipment. Mr.Tanaka Koichi of Shimadzu Corp. got the Nobel prize last year. Here, you can know the history of Shimadzu Corp.

Kinshi Masamune(Japanese Sake) Museum: A museum of Japanese Sake. Here, you can learn the process to make Japanese Sake. You also can taste sake and other alcohol.

\*This tour will be cancelled if the number of applicants is less than 30 persons.





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## General Information

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### About Kyoto

The ancient capital of Japan, Kyoto, is nestled among picturesque mountains and placid rivers. Since its establishment as the seat of the imperial court late in the 8th century, the city has prospered as a center of politics, commerce, culture, and the arts. With its innumerable cultural treasures and traditional crafts, Kyoto has continued to attract visitors from both inside Japan and from all over the world. Today it is a modern metropolis with an international flavor, and perhaps nowhere else in Japan can one so easily encounter the past in the midst of an urban culture.

### Access to Kyoto

Located on the main Shinkansen (Bullet Train) line, Kyoto is directly accessible from Japan's major International airports. Please see the Congress website (<http://www.congre.co.jp/iubmb/>) for detailed information.

### Climate and Clothing

The temperatures in Kyoto in June typically range between 20 and 33 during the day. The weather, however, is often unpredictable during this season, and may be quite humid and rainy.

### Currency

Most foreign currencies and traveler's checks can be easily exchanged at banks, hotels, and Kyoto International Conference Hall. A passport may be required for currency exchange services. The approximate exchange rate as of September 1, 2005 was 1 US dollar = ¥110. We recommend that participants purchase traveler's checks in yen or U.S. dollars before leaving their home countries. The secretariat will accept only cash in yen.

### Banks

Business hours: Monday to Friday, 9:00 -15:00

(Closed on Saturdays, Sundays and national holidays)

Automatic teller machines (ATMs) are available for withdrawing by credit card everyday (except national holidays) from 9:00 to 19:00 at almost all of the major banks.

### Credit Cards

Diners Club, American Express, Visa, and MasterCard are widely accepted at hotels, department stores, shops, and restaurants as well as by major transportation systems.

### Electricity

100 volts alternating current at a frequency of 60 Hz.

### Health Documents

Health documents are not required for visitors from most western countries, but requirements vary from country to country. Travelers arriving from areas where cholera or yellow fever are endemic require vaccination certificates.

### Insurance

The Organizing Committee can accept no responsibility for accidents or damage to the private property of participants. Please make your own arrangements for health insurance and any other necessary insurance.

### Passport and Visas

A valid passport is required to enter Japan. In addition, some foreign nationals are required to obtain a visa; please contact the Japanese Consulate or diplomatic mission in your country at least three months before your departure for Japan. For details, please contact your local travel agent or carrier. While taking the necessary steps with our Ministry of Foreign Affairs ([http://www.mofa.go.jp/j\\_info/visit/visa/index.html](http://www.mofa.go.jp/j_info/visit/visa/index.html)), please fill out and return the Information Sheet for Visas to the secretariat.

### Postal Services

Hotels often provide simple postage services. Post offices are open daily from 9:00 to 17:00 except Saturdays, Sundays and national holidays.

### Public Transportation

For general transport, taxis are plentiful and public bus services are convenient. Subways also provide easy access to and from Kyoto Station.

### Restaurants

Kyoto is known for its traditional cuisine. There are also many restaurants specializing in Western cuisines.

### Shopping

Most shops and department stores are open on Sundays and holidays until early evening, however they normally close on one weekday (usually on Wednesday). Kyoto is a shopper's delight for antiques, pottery, and crafts. Major credit cards are accepted in many places.

### Time

Japan Standard Time is 9 hours ahead of UTC (Coordinated Universal Time).



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## Career Fair for Researchers and Scientists

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Many Japanese and overseas companies and organizations, which will be looking for excellent human resources, will operate booths to introduce their company organization and conduct interviews during the conference.

Before and during the conference, researchers and scientists will be able to enter their information on a secure internet database. They will be able to search for job opportunities and make any appointments to contact interested companies or organizations participating in the Career Fair.

We will also provide career guidance, recruiting seminars, and consulting services for researchers and scientists.

For additional information, please visit our website at <http://www.congre.co.jp/iubmb/>.

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## Scientific Exhibition

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Scientific exhibition will be held at the Event Hall and Lobby of the main building of KICH. This will be a great opportunity for you to touch and feel the latest machines, chemical reagents, software, database, services and books which will support your research and study with latest way.

Please visit the exhibition space just next to the posters.

This will be a huge scientific exhibition with hundreds of booths of companies supporting life science research. Detailed information on booth rates and other information will be announced on our website.

Inquiries from Japan to:

A & E Planning Co., Ltd. Head office

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Tel: +81-3-3230-2744

Fax: +81-3-3230-2479

Inquiries from abroad to:

A & E Planning Co., Ltd. Osaka office

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Tel: +81-6-6350-7162

Fax: +81-6-6350-7164

### Important Deadlines

YSP Application: November 30, 2005

Abstract Submission: January 31, 2006

On-line Registration: May 18, 2006

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### Contact Address

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Secretariat

c/o Congress Corporation

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Phone: +81-6-6229-2550

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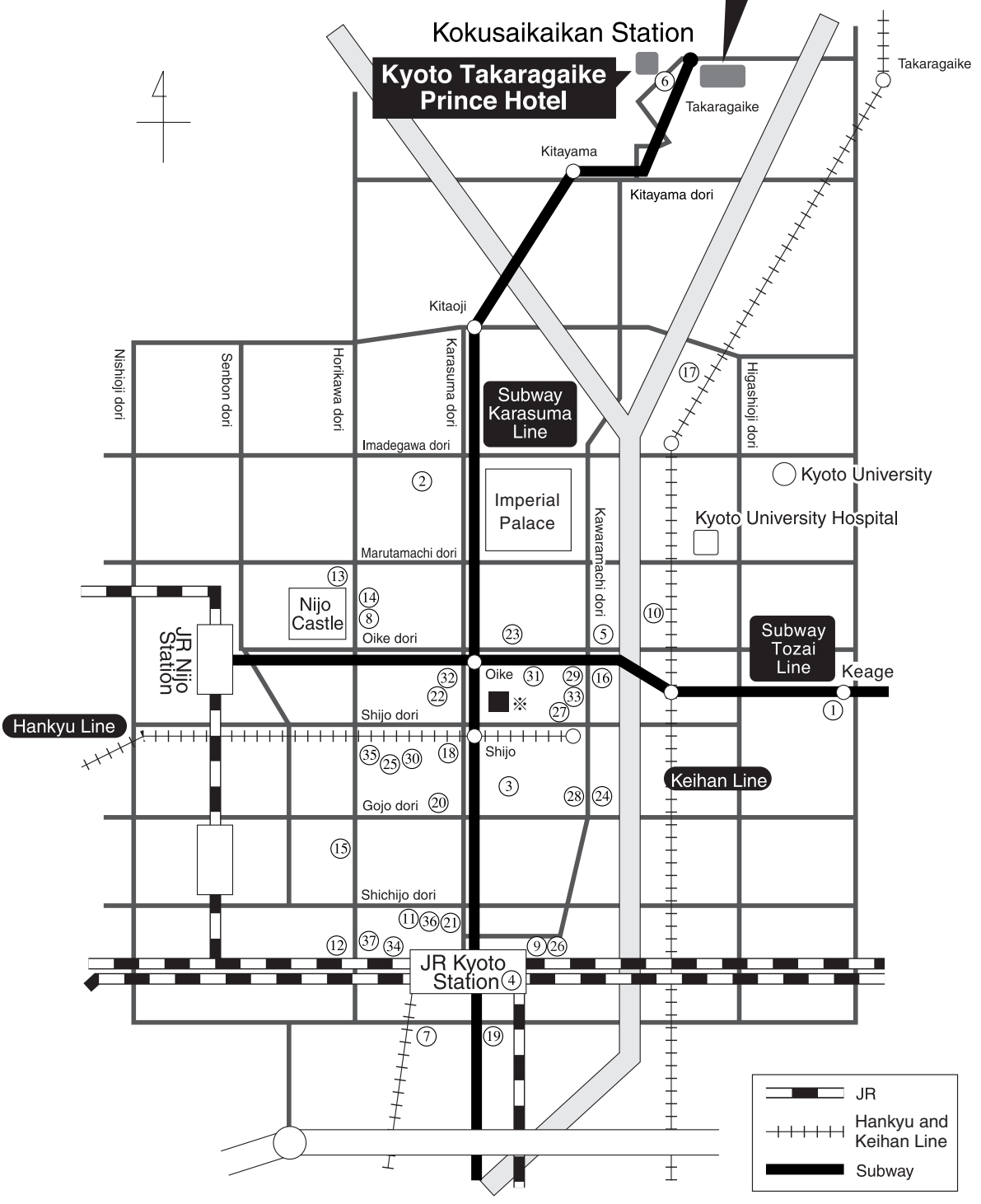
[iubmb@congre.co.jp](mailto:iubmb@congre.co.jp)

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**Abstract Submission and Registration at**  
**<http://www.congre.co.jp/iubmb/>**

# Map of Kyoto

**Kyoto International Conference Hall (KICH)**



## KYOTO BRIGHTON HOTEL

Nakadachiuri, Shinmachi-dori, kamigyo-ku,  
Kyoto 602-8071, Japan  
Tel. 075-441-4411  
Fax. 075-431-2360  
<http://www.brightonhotels.co.jp>



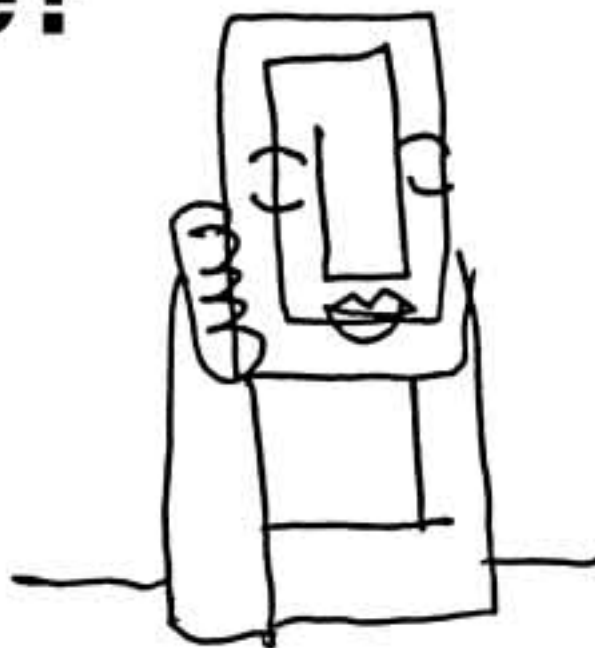
## Kyoto Takaragaike PRINCE HOTEL

Takaragaike, Sakyo-ku, Kyoto-shi, Kyoto 606-8505, Japan  
Phone: 075-712-1111 Facsimile: 075-712-7677  
[www.princejapan.com](http://www.princejapan.com)

## CO-OP Inn Kyoto

Yanaginobamba St. North of Takoyakushi,  
Nakagyo-ku, Kyoto 604-8113, Japan  
Phone: +81-75-256-6600  
Fax: +81-75-251-0120  
E-mail: [coopinn-k@univcoop.or.jp](mailto:coopinn-k@univcoop.or.jp)  
<http://hawk2.kyoto-bauc.or.jp/coop-inn/kyoto/>

# What would Florence Nightingale have done?



**Whenever we see our mark in her handwriting, this question comes to mind.**

Florence Nightingale fulfilled her personal aspirations as a nurse caring for soldiers during the Crimean War. Her course of action determined by the needs of the suffering and wounded, she gave each patient her undivided attention, above and beyond the call of duty. From her life



work, we can learn the importance of looking at health care from the patient's point of view. Florence Nightingale's efforts exemplify a deep concern for others, a commitment that we at Eisai have dubbed "Human Health Care." We are dedicated to promoting her ideals.

**EISAI: The Human Health Care Company**

<http://www.eisai.co.jp>