

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation
2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

This release has been distributed to the Imperial Household Press Club, the MEXT Press Club, the Science Press Club, the Agricultural Policy Club, the Ministry of Environment Press Club, the Ibaraki Prefectural Government Press Club, Tsukuba Academic City Press Club, Tokyo Press Photographers Association, TV News Movie Association, Japan Magazine Publishers Association, and major foreign news service.

July 7th, 2009

To members of the press:

The 20th International Biology Olympiad
Organizing Committee

The 20th International Biology Olympiad to Start on July 12!

The 20th International Biology Olympiad (IBO2009 Tsukuba) organized by the 20th International Biology Olympiad Organizing Committee (Chairperson: Dr. Hiroo Imura, Kyoto University), University of Tsukuba, and Japan Science Foundation will be held from July 12 to July 19. This will be the first occasion the event is held in Japan, and also the largest event in the history of the International Biology Olympiad, with the attendance of 221 national representative students (besides 216 consists of leaders and observers) from 59 countries and 1 region (including 55 countries and 1 region with students participating).

His Imperial Highness Prince Akishino, an honorary president of the IBO, and Her Imperial Highness Princess Akishino are scheduled to attend the opening ceremony on July 13. Representatives from various countries will work on biology theories and practical experiments above the level of the world's secondary education from July 14. Experience-based excursions will also be conducted between experiments, which provide participants with opportunities to deepen their understanding of Japanese history, culture and nature through international exchanges. Locations to visit include the Ibaraki Nature Museum, the Science Square Tsukuba, Senjo-gahara Wetland and the Park for Observing Fish and Forest (Nikko city, Tochigi). The awards ceremony and closing ceremony will be held on July 18. Approximately top 10 % of participants will be awarded gold medals, top 20 % will be awarded silver medals, and top 30 % will be awarded bronze medals.

The International Biology Olympiad is a convention aimed to increase high school students' interest in biology, develop their ability and foster biologists of the future. The scale has expanded every year since it was first held in 1990 in Olomouc, Czechoslovakia with six participating nations. Japan has participated since the Beijing Olympiad in 2005, and four representatives* will attend this year.

This year marks the 200th anniversary of the birth of Charles Darwin, advocate for the theory of evolution, and the 150th anniversary of the publication of "On the Origin of Species". The International Biology Olympiad being held in Japan in this memorable year is expected to provide and opening for contributing to the advancement of science education and the development of scientists of the future.

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation

2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

■ **Yukio Hattori Appointed as IBO2009 Tsukuba Ambassador for Dietary Education**

Yukio Hattori, the principal of Hattori Nutrition College, a leading authority in dietary education in Japan, is to be appointed as the IBO2009 Tsukuba Ambassador for Dietary Education. He served as an honorary advisor and a judge in the National High School Students' Recipe Contest held in June this year as a lead-up event for the Olympiad. Mr. Hattori is kindly asked to promote "dietary education" by providing meals to the high school students participating in the Olympiad from around the world.

■ **Provision of winning dishes from the National High School Students' Recipe Contest to participants in the Olympiad**

In addition to the dish that was awarded the gold award in the National High School Students' Recipe Contest, dishes that received the following awards will also be shown and provided to participants in the Olympiad. The details are as follows.

July 13 (Mon) Welcome Party

Gold Award: "Colors of Ibaraki"

By Mana Ametaki from Tsuyama Higashi Senior High School, Okayama Prefecture

July 16 (Thu) Tsukuba Night

Silver Award: "Ibaraki Pita Bread"

By Mari Okamoto from Shikino High School, Nara Prefecture

Bronze Award: "Gifts from the Earth – Collaboration by Ibaraki and Saga"

By Shiori Kishikawa, Yoshimi Yasuhisa, and Natsuki Takayama
from Ushizu High School, Saga Prefecture

July 18 (Sat) Farewell Party

Special Sponsor's Award (Yakult Headquarters Award): "Rice and Tomato Cheesecake"

By Miku Komuro from Toride Second High School, Ibaraki Prefecture

* The Japanese representatives in this Olympiad are as stated below. They were selected from 2,482 applications nationwide after three screening examinations.

Ryota Otsuki, Chiba Prefectural Funabashi Senior High School (Chiba Pref.), Third-grade, Male

Atsuhito Nakayama, Nada Senior High School (Hyogo Pref.), Second-grade, Male

Ayako Yanaka, Oin High School (Tokyo Metropolis), Second-grade, Female

Mai Yamakawa, Oin High School (Tokyo Metropolis), Third-grade, Female

For inquiries regarding this matter please use the contact shown below.

■ The 20th International Biology Olympiad Organizing Committee
administrative office

Contact name: Namekawa Tel. +81-3-3212-8477

2-1, KITANOMARU-koen, Chiyoda-ku, Tokyo 102-0091, Japan
(Science Museum)

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation
2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

Reference

Summary: The 20th International Biology Olympiad (IBO2009 Tsukuba)

The honorary president: His Imperial Highness Prince Akishino

Name: The 20th International Biology Olympiad URL: <http://ibo2009.org/>

Period: July 12, 2009 (Sun) - July 19, 2009 (Sun), 8 days

Venue: Tsukuba City, Ibaraki

Participating countries: 59 counties and 1 region (including 55 countries and 1 region with students participating)

Participants: 221 national representative students and 216 consists of leaders and observers

Organizer: The 20th International Biology Olympiad Organizing Committee, University of Tsukuba, Japan Science Foundation

Co-Organize: Ibaraki Prefecture, Tsukuba City, Tsukuba Science City Network, Tsukuba Expo'85 Memorial Foundation, National Museum of Nature and Science, Tokyo

Special-Sponsor: Japan Science and Technology Agency

Sponsor: Takeda Pharmaceutical Company Limited, Toray group (Toray Industries, Inc., Toray Medical Co., Ltd., TORAY RESEARCH CENTER, Inc.) and other 92 companies and organizations. (Please refer to the support documentation)

Supplier: 6 companies (Please refer to the support documentation)

Cooperation: Gushinkai Foundation, Tokyo Club (Special lecture)

Official Supporter: The Ministry of Education, Culture, Sports, Science and Technology, Cabinet Office, Government of Japan, The Ministry of Foreign Affairs of Japan, The Ministry of Health, Labour and Welfare, The Ministry of Agriculture, Forestry and Fisheries of Japan, The Ministry of the Economy, Trade and Industry, The Ministry of Environment, Science Council of Japan, The Asahi Shimbun, The Mainichi Newspapers, The Yomiuri Shimbun, Nikkei Inc., The Sankei Shimbun, The Chunichi Shimbun, Jiji Press, Ltd., Kyodo News, The Ibaraki Shimbun, Japan Broadcasting Corporation, Ibaraki Broadcasting System, Joyo Newspaper, Joyolving

Institutional Support: The Japanese Association for the Study of Taste and Smell, Anatomical Science International (ASI), The Botanical Society of Japan, The Japanese Biochemical Society (JBS), The Zoological Society of Japan, Japan Society for Bioscience, Biotechnology, and Agrochemistry, The Pharmaceutical Society of Japan, The Japanese Pharmacological Society, The Molecular Biology Society of Japan, Japanese Society for Immunology (JSI), The Genetics Society of Japan, The Japanese Association of Medical Sciences, Japanese Society for Biological Sciences in Space, Palaeontological Society of Japan, Japan Society for Cell Biology Contents, The Japanese Society of Plant Physiologists, The Japanese Society for Neurochemistry, The Japan Neuroscience Society (JNS), Society of Evolutionary Studies, Japan, Ecological Society of Japan, The Society of Biological Sciences Education of Japan, The Biophysical Society of Japan, The Japanese Society of Phycology, The Japanese Society of Developmental Biologists (JSDB), The Japanese Society for Comparative Physiology and Biochemistry, The Japan Society for Comparative Endocrinology (JSCE), The Japanese Society of Microbial Ecology (JSME), The Society for Antibacterial and Antifungal Agents, Japan, The Physiological Society of Japan

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation
2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

Reference

The 20th International Biology Olympiad 2009 (IBO2009 Tsukuba) Event Calendar

| Date | Participants | Jury |
|---------------|---|---|
| July 12 (Sun) | 12:00~18:30 Arrival of participants / registration (Epochal Tsukuba) | |
| | 18:30~21:30 Orientation (Ninomiya House) | 18:30~21:00 Reception |
| July 13 (Mon) | 10:00~11:30 Opening ceremony (Epochal Tsukuba) | |
| | 12:40~14:00 Welcome party (Epochal Tsukuba) | |
| | 15:00~17:00 Practical exam room Visits (University of Tsukuba) | 14:00~ Review and translation of practical exam questions (Epochal Tsukuba) |
| July 14 (Tue) | 9:30~17:30 Practical exam (University of Tsukuba) | 7:45~19:45 Excursion (Senjo-gahara Wetland, Park for Observing Fish and Forest) |
| | 20:00~22:00 Origami night | |
| July 15 (Wed) | 8:30~17:30 Excursion (Science Square Tsukuba) | 8:30~ Examination of theoretical exam answers (Epochal Tsukuba) |
| July 16 (Thu) | 9:30~16:00 Theoretical exam (University of Tsukuba) | 9:20~12:30 Excursion (Science Square Tsukuba) |
| | | 13:00~16:00 Examination of practical exam answers (Epochal Tsukuba) |
| | 18:00~20:30 Tsukuba night (University of Tsukuba) | |
| July 17 (Fri) | 8:30~21:20 Excursion (Senjo-gahara Wetland, Park for Observing Fish and Forest) | 10:00~12:00 Examination of theoretical exam answers (Epochal Tsukuba) |
| | | 14:00~18:00 Coordinators' meeting (Epochal Tsukuba) |
| | | 19:00~23:00 Medal presentation approval meeting (Epochal Tsukuba) |
| July 18 (Sat) | 8:50~11:30 Excursion (Tsukuba Expo Center) | 9:20~12:30 Excursion |
| | 14:00~15:30 Special lecture (Epochal Tsukuba) | |
| | 16:00~17:30 Award ceremony, closing ceremony (Epochal Tsukuba) | |
| | 17:30~18:30 Press meeting (Epochal Tsukuba) | |
| | 18:30~21:00 Farewell party (Epochal Tsukuba) | |
| July 19 (Sun) | Departure of participants | |

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation
2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

Reference

The 20th International Biology Olympiad (IBO2009 Tsukuba)
Participating countries and regions and observers

(alphabetical order)

| | | | | | |
|----|----------------|----|-----------------|----|--------------|
| 1 | Argentina | 31 | Liechtenstein | 57 | Afghanistan |
| 2 | Armenia | 32 | Lithuania | 58 | Hungary |
| 3 | Australia | 33 | Mexico | 59 | Saudi Arabia |
| 4 | Azerbaijan | 34 | Mongolia | 60 | UAE |
| 5 | Belarus | 35 | New Zealand | | |
| 6 | Belgium | 36 | Nigeria | | |
| 7 | Brazil | 37 | Pakistan | | |
| 8 | Bulgaria | 38 | Poland | | |
| 9 | Canada | 39 | Romania | | |
| 10 | China | 40 | Russia | | |
| 11 | Chinese Taipei | 41 | Singapore | | |
| 12 | Cyprus | 42 | Slovak Republic | | |
| 13 | Czech Republic | 43 | Slovenia | | |
| 14 | Denmark | 44 | Spain | | |
| 15 | Estonia | 45 | Sri Lanka | | |
| 16 | Finland | 46 | Sweden | | |
| 17 | France | 47 | Switzerland | | |
| 18 | Germany | 48 | Tajikistan | | |
| 19 | Greece | 49 | Thailand | | |
| 20 | India | 50 | The Netherlands | | |
| 21 | Indonesia | 51 | Turkey | | |
| 22 | Iran | 52 | Turkmenistan | | |
| 23 | Ireland | 53 | Ukraine | | |
| 24 | Italy | 54 | United Kingdom | | |
| 25 | Japan | 55 | USA | | |
| 26 | Kazakhstan | 56 | Vietnam | | |
| 27 | Korea | | | | |
| 28 | Kuwait | | | | |
| 29 | Kyrgyzstan | | | | |
| 30 | Latvia | | | | |

*Countries #57~60 are observers

The 20th International Biology Olympiad Organizing Committee c/o Japan Science Foundation
2-1 Kitanomaru-koen, Chiyoda-ku, Tokyo 102-0091, Japan TEL: +81-3-3212-8477 FAX: +81-3-3212-7790 E-mail: secretariat@ibo2009.jp

Reference

About the International Biology Olympiad

Official name: International Biology Olympiad (IBO)

Objective: In bringing together high school students from around the world, the IBO aims to enhance their talents and to promote their career as a future scientist. The Olympiad also offers the opportunity to facilitate information exchanges on the syllabuses and educational trends in biology in different countries.

Evaluation and Prizes: 4 representatives who are selected through nationwide screening examinations participate individually. They work on the exams which are composed of "practical" and "theoretical" parts. The number of gold medals will be limited to approximately 10 % of the number of participants, silver medals will be limited to 20%, bronze medals will be limited to 30%.

History: The first international biological competition between Czechoslovakia and Poland from 1985 provided ground for the current IBO convention. So UNESCO asked the former Czechoslovakia to found the IBO in 1989 and participated in the first IBO, which was held in Olomouc in July 1990 with a great success. Since then, the IBO has become an annual convention.

| Year | Country (City) | participating countries | Japanese Medal Winner | | | Applicants in Japan |
|------|---------------------------|-------------------------|-----------------------|--------|--------|---------------------|
| | | | Gold | Silver | Bronze | |
| 1990 | Czech Republic (Olomouc) | 6 | | | | |
| 1991 | Russia (Machatskala) | 9 | | | | |
| 1992 | Slovak Republic (Poprad) | 12 | | | | |
| 1993 | The Netherlands (Utrecht) | 15 | | | | |
| 1994 | Bulgaria (Varna) | 18 | | | | |
| 1995 | Thailand (Bangkok) | 22 | | | | |
| 1996 | Ukraine (Artek) | 23 | | | | |
| 1997 | Turkmenistan (Ashgabat) | 28 | | | | |
| 1998 | Germany (Kiel) | 33 | | | | |
| 1999 | Sweden (Uppsala) | 36 | | | | |
| 2000 | Turkey (Antalya) | 38 | | | | |
| 2001 | Belgium (Brussels) | 38 | | | | |
| 2002 | Latvia (Riga) | 40 | | | | |
| 2003 | Belarus (Minsk) | 41 | | | | |
| 2004 | Australia (Brisbane) | 40 | | | | |
| 2005 | China (Beijing) | 50 | 0 | 0 | 2 | 399 |
| 2006 | Argentina (Rio Cuarto) | 47 | 0 | 0 | 3 | 547 |
| 2007 | Canada (Saskatoon) | 49 | 0 | 1 | 3 | 963 |
| 2008 | India (Mumbai) | 55 | 0 | 3 | 1 | 1,488 |
| 2009 | Japan (Tsukuba) | 56 | / | / | / | 2,482 |

* Japan has participated since 2005

Reference

Dr. Yukio Hattori IBO2009 Tsukuba Ambassador for Dietary Education



■ Profile

Dr. Yukio Hattori is the president and principal of Hattori Nutrition College, holds a Doctor of Medical Science. He is appointed as “Health Ambassador” by Ministry of Health, Labour and Welfare.

Areas of his expertise are cooking, health and medicine.

He has been actively delivering lectures on the prevention of diseases associated with adult lifestyle habits and the global environmental conservation though his area of expertise “shokuiku” or dietary education.

He serves on several boards in the following institutions:

Chairman of the Japan Association of Training Colleges for Cooks, a member of the “Shokuiku Promotion Committee” of the Cabinet Office, vice deputy chairman of “the National Conference ‘Hayane Hayaoki Asagohan’(early to bed, early to rise, and don’t forget your breakfast)”, a member of committees organized by Ministry of Health, Labour and Welfare, Ministry of Agriculture, Forestry and Fisheries, Ministry of Education, Culture, Sports, Science and Technology, a member of other committees including the “Investigative Committee for National Examination for Cooks” in Tokyo, the “Food Safety Information Assessment Committee” and others.

He also belongs to “Academic society for The Japanese Society of Nutrition and Dietetics” and “The Japan Society of Health Sciences.”

Dr. Hattori holds a doctorate in medicines from the Faculty of Medicine, Showa University. He graduated from Rikkyo University. He was born in Tokyo.

He is the author of “Book on Shokuiku” (published by Magazine House Co., Ltd.) and “Book on Shokuiku” (published by Locus Publishing) among other things.