Transportation

<table>
<thead>
<tr>
<th>Airport</th>
<th>Narita Airport</th>
<th>Haneda Airport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airplane</td>
<td>1 hr</td>
<td>Tokyo Monorail 13 min</td>
</tr>
<tr>
<td>Keisei Line</td>
<td>44 min</td>
<td>Hamamatsucho station</td>
</tr>
<tr>
<td>JR Line</td>
<td>1 hr</td>
<td>JR Yamanote line 7 min</td>
</tr>
<tr>
<td>Limited Express</td>
<td>73 min</td>
<td></td>
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<tr>
<td>Sky Liner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JR Tokyo Express</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JR Tokyo Station</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JR Ueno station</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keisei Ueno station</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airport train</td>
<td>17-25 min</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JR Sendai station</td>
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Sendai

With roughly one million inhabitants, Sendai (仙台) is by far the largest city in the Tohoku Region and one of the country’s 15 largest cities. The modern city of Sendai was founded around 1600 by Date Masamune, one of feudal Japan’s most powerful lords. Many of Sendai’s tourist attractions are related to Masamune and his family.

Less than an hour northeast of the city center lies the town of Matsushima, whose bay is dotted by pine clad islets and is known for one of Japan’s three most scenic views.

The 47th Annual Meeting of the Japanese Society of Toxicology

All toxicological Intelligence for one health

Date: June 29 (Mon) - July 1 (Wed), 2020
Venue: Sendai International Center
President: Akihiko Hirose (National Institute of Health Sciences)

First Announcement

Welcome Message

As President, it is a great honor for me to organize the 47th Annual Meeting of the Japanese Society of Toxicology (JSOT). This year's annual meeting will be held just before the 2020 Tokyo Olympic and Paralympic games. It will be a great opportunity to further advance internationalization, which is currently promoted by the JSOT. At the same time, I am working hard to promote the academic progress of the JSOT in Japan and abroad in an attractive manner. I am keenly aware that holding this year's annual meeting is a very important endeavor for our JSOT.

The current situation of toxicology is that newly developed technologies, such as genome editing, have been incorporated into toxicology research immediately after they were established. Additionally, with the development of other technologies such as nanotechnology, the number of substances subjected to toxicology research has increased. Thus, the fields involved in toxicology research have diversified, and the methods of research have become more complex. This indicates that risk assessment and risk management issues requiring future toxicological approaches cannot be solved using a single technique, even if modern toxicological approaches are used. Furthermore, all the traditional problems of risk management have not yet been solved. For example, the development of management methods for more than hundreds of thousands of existing chemical substances without toxicity information is still progressing toward achieving a sustainable developmental society.

The concept of "one toxicology" was proposed by Dr. Val Beasley in 2009, and it involves integrating medicine, veterinary medicine, and environmental toxicology in order to achieve "one health." I think this concept is necessary to protect health of the entire "living" environment, including humans and animals, while decreasing the risks from developing new technologies. That is, all toxicological knowledge must be merged at every level, from the individual to the cellular and molecular levels, from in vivo to in vitro and in silico toxicology, and from epidemiological to clinical and to nonclinical studies. The concept, which was proposed 10 years ago, is now being recognized as a concept in which various research fields converge because of the development of new technologies that cross-academic and technological fields. At the same time, it considers the meaning of internationalization promoted by the JSOT, which is a suitable theme for the 2020 Annual Meeting.

Sendai was selected as the venue for the 47th Annual Meeting of the JSOT because it has convenient access from the Tokyo area, and participants can avoid facing extensive preparations of the Olympic/Paralympic games. Sendai is also the best place to feel the harmony of "one toxicology" with the progress of the JSOT towards internationalization immediately before the Tokyo 2020 Olympic/Paralympic games. I hope you will take this opportunity to experience the new fusion and internationalization of toxicology at the 47th Annual Meeting of the JSOT in Sendai.

Sincerely,

Akihiko Hirose, Ph.D.
President of 47JSOT

Organization

› Congress President
Akihiko Hirose
National Institute of Health Sciences

› Organizing Committee
Seiichi Ishida National Institute of Health Sciences
Mayumi Ishizuka Hokkaido University
Yasumitsu Ogra Chiba University
Ryuichi Ono National Institute of Health Sciences
Toshiyuki Kaji Tokyo University of Science
Jun Kanno Japan Bioassay Research Center
Hajime Kojima National Institute of Health Sciences
Yaichiro Kotake Hiroshima University
Seigo Sanoh Hiroshima University
Tomohiro Sawa Kumamoto University
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Kohei Matsushita National Institute of Health Sciences
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Izuru Miyawaki Sumitomo Dainippon Pharma Co., Ltd.
Kazuhiro Mori Daiichi Sankyo Co., Ltd.
Hisaharu Yamada Taisho Pharmaceutical Co., Ltd.
Tsuyoshi Yokoi Nagoya University
Kouichi Yoshinari University of Shizuoka

› Secretariat
Takashi Yamada, Kaoru Inoue
National Institute of Health Sciences

Important Dates

February 21, 2020
Deadline of Abstract Submission
Deadline of Early Registration (Presenters)

May 15, 2020
Deadline of Early Registration (Others)

Program at a Glance

June 29 (Mon)
› Opening Remarks
› Scientific Sessions (Lecture, Symposium, Workshop, Oral & Poster Session)
› Exhibition

June 30 (Tue)
› General Assembly
› Scientific Sessions (Lecture, Symposium, Workshop, Oral & Poster Session)
› Exhibition
› Banquet

July 1 (Wed)
› Scientific Sessions (Lecture, Symposium, Workshop, Oral & Poster Session)
› Exhibition
› Closing Remarks

*Official Language: Japanese (Some sessions will be in English.)

Contact to

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National Institute of Health Sciences
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E-mail: secretariat@jsot2020.jp