

4th International Symposium on Environmental Endocrine Disrupters 2001

December 15th (Sat.) - 17th (Mon.), 2001 Tsukuba International Congress Center

Organized by: Ministry of the Environment, Government of Japan

Supported by: Japan Society of Endocrine Disrupter Research

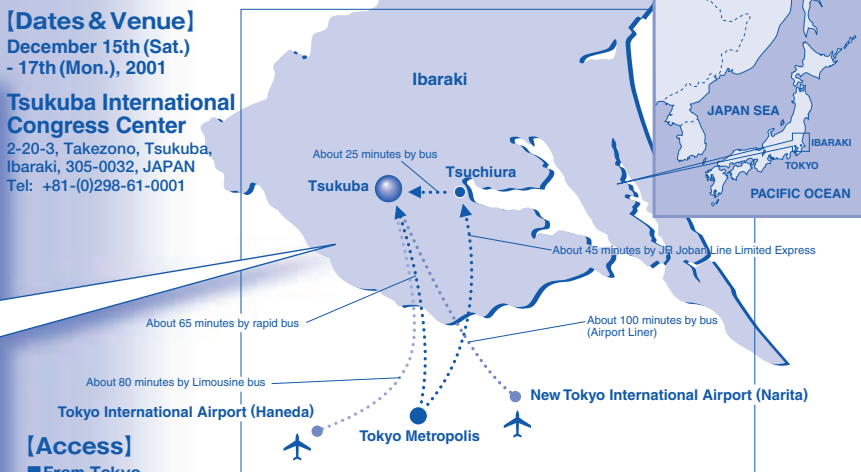
Area Map



[Dates & Venue]
December 15th (Sat.)
- 17th (Mon.), 2001

Tsukuba International Congress Center

2-20-3, Takezono, Tsukuba,
Ibaraki, 305-0032, JAPAN
Tel: +81-(0)298-61-0001



[Access]

From Tokyo

JR Ueno Stn. (JR Joban Line Limited express)→Tsuchiura Stn.→(Bus)→Tsukuba International Congress Center About 70 min.
Tokyo Stn. Yaesu-South exit (Rapid Bus)→Tsukuba Center→(about 8 min. on foot)→Tsukuba International Congress Center About 65 min.

From Tokyo International Airport (Haneda)

Tokyo International Airport (Limousine Bus)→Tsukuba Center→(about 8 min. on foot)→Tsukuba International Congress Center About 80 min.

From New Tokyo International Airport (Narita)

New Tokyo International Airport (Airport Liner)→Tsukuba Center→(about 8 min. on foot)→Tsukuba International Congress Center About 100 min.
(Car)→Tsukuba International Congress Center About 60 min.

Contact Office/Registration

Secretariat for the International Symposium on Environmental Endocrine Disrupters 2001
c/o Congress Corporation

Kosai Kaikan Bldg. 6F, 5-1 Kojimachi, Chiyoda-ku, Tokyo 102-8481, Japan
TEL: +81-(0)3-3263-5394 FAX: +81-(0)3-3263-4033

E-mail: eed01@congre.co.jp

Contact Office/Program

Environmental Health and Safety Division, Ministry of the Environment, Government of Japan

1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-8975, Japan
TEL: +81-(0)3-5521-8261 FAX: +81-(0)3-3580-3596

E-mail: ehs@env.go.jp

Contact Office/Poster Session

Secretariat for the Japan Society of Endocrine Disrupter Research

24-1-202 Inarimae, Tsukuba City, Ibaraki 305-0061, Japan
TEL: +81-(0)298-59-0818 FAX: +81-(0)298-59-0851

E-mail: jsedr@mb.infoweb.ne.jp

Program

Tsukuba International Congress Center

December 15 (Sat.) Sessions Open to the Public	Afternoon	◎ Opening Remarks <ul style="list-style-type: none"> • Greeting from the Minister of the Environment, Government of Japan • Greeting from Guests ● Special Lectures <ul style="list-style-type: none"> ● Part 1: Current Strategy in Japan ● Part 2: Panel Discussion
	Evening	(Reception)
December 16 (Sun.) Expert Sessions	Morning	Session 1: Effects on the Brain and Behavioral Development
	Afternoon	Session 2: Screening and Testing Methodology Session 3: High Throughput Pre-Screening (HTPS) and Quantitative Structure-Activity Relationship (QSAR) Techniques
	Evening	Night Session: Toxicogenomics
December 17 (Mon.) Expert Sessions	Morning	Session 4: Effects on Wildlife
	Afternoon	Session 5: Effects on Health Session 6: Reports on Overseas Activities ◎ Closing Remarks

* Note that the Poster Session sponsored by the Japan Society of Endocrine Disrupter Research will be held simultaneous to the Symposium (Dec. 14 (Fri.) - Dec. 17 (Mon.)).

Speakers

Hiroaki Aoyama	<i>The Institute of Environmental Toxicology, Japan</i>	Akihiro Kondo	<i>Takara Shuzo Co., Ltd., Japan</i>
Koji Arizono	<i>Prefectural University of Kumamoto, Japan</i>	Yoichiro Kuroda	<i>Tokyo Metropolitan Institute for Neuroscience, Japan</i>
Mohamed Benahmed	<i>INSERM U407, Faculté de Médecine, Lyon-Sud, France</i>	Paul Lancaster	<i>University of New South Wales, Australia</i>
Kathleen Cameron	<i>Department for Environment, Food and Rural Affairs, U.K.</i>	Gerald A. LeBlanc	<i>North Carolina State University, U.S.A.</i>
Michael H. Depledge	<i>University of Plymouth, U.K.</i>	Mustafa Ali Mohd	<i>University of Malaya, Malaysia</i>
Louis J. Guillette	<i>University of Florida, U.S.A.</i>	Chisato Mori	<i>Chiba University, Japan</i>
Mark E. Hahn	<i>Woods Hole Oceanographic Institution, U.S.A.</i>	Deborah C. Rice	<i>Environmental Protection Agency, U.S.A.</i>
Tyrone Hayes	<i>University of California, U.S.A.</i>	Shinsuke Tanabe	<i>Ehime University, Japan</i>
Fumiki Hirahara	<i>Yokohama City University, Japan</i>	Gary E. Timm	<i>Environmental Protection Agency, U.S.A.</i>
David J. Hunter	<i>Harvard School of Public Health, U.S.A.</i>	Minoru Uchiyama	<i>Toyama University, Japan</i>
Thomas H. Hutchinson	<i>Health & Environment Brixham Environmental Laboratory, U.K.</i>	Birgit Van Tongelen	<i>European Commission (EU), Belgium</i>
Taisen Iguchi	<i>Okazaki National Research Institutes, Japan</i>	Martine Vrijheid	<i>London School of Hygiene & Tropical Medicine, U.K.</i>
Tohru Inoue	<i>National Institute of Health Sciences, Japan</i>	Masaru Wada	<i>Tokyo Medical and Dental University, Japan</i>
Akiko Itai	<i>Institute of Medical Molecular Design, Japan</i>	Bernard Weiss	<i>University of Rochester School of Medicine and Dentistry, U.S.A.</i>
Bo Jansson	<i>Stockholm University, Sweden</i>	Masashi Yatabe	<i>NHK, Japan</i>
Jun Kanno	<i>National Institute of Health Sciences, Japan</i>	Yasuhiro Yoshikawa	<i>The University of Tokyo, Japan</i>
Herman B.W.M. Koëter	<i>OECD, France</i>	Timothy R. Zacharewski	<i>Michigan State University, U.S.A.</i>
Yuji Kohara	<i>National Institute of Genetics, Japan</i>	R. Thomas Zoeller	<i>University of Massachusetts, U.S.A.</i>

*including speakers under negotiation

Sessions

Sessions Open to the Public

Special Lectures

Professor Bo Jansson of Stockholm University will give a talk on the current state of global contamination by persistent organic pollutants (POPs) and their countermeasures including the problem of the Stockholm Convention on POPs adopted in May this year.

Part 1: Current Strategy in Japan

This part provides information on the latest results produced in Japan over the past several years to deal with the problem of endocrine disrupters.

Part 2: Panel Discussion

This part is designed for research specialists in the various scientific fields. Discussion will be held on all aspects of endocrine disrupters in an attempt to discover new solutions.

Session Summaries

Session 1

Effects on the Brain and Behavioral Development

Because of the complex nature of the brain itself, the actual effects of endocrine disrupters on the development of brain functions are not well understood and remain as a challenge in the future. This Session will discuss recent experimental approaches of ED on the development of brain functions from molecular mechanisms to behavior.

Session 2

Screening and Testing Methodology

Various new screening and testing methods are currently being developed and verified under the supervision of the OECD in order to better assess the effects on human health and the ecological effects of EDs. This session provides a forum for discussing the current strategy and approaches to take in the future.

Session 3

High Throughput Pre-Screening (HTPS) and Quantitative Structure-Activity Relationship (QSAR) Techniques

Attention has focused in recent years on the use of high throughput pre-screening (HTPS) and computational virtual screening such as the quantitative structure-activity relationship (QSAR) that enable quick recognition of the hormonal activities of large number of chemical substances surrounding us. This Session discusses the role of these methods in dealing with the issue of endocrine disruption, their use at present and their potential for the future.

Night Session

Toxico-Genomics

Attention is focusing on the use of toxico-genomics, a technique whereby the effect of endocrine disrupters on living organisms is monitored and predicted by studying the anticipated effects that changes in the endocrine disruption have on gene manifestation. This Session discusses how, instead of using traditional animal and test tube experimentation techniques, Toxico-genomics can be used to contribute to animal protection.

Session 4

Effects on Wildlife

Deterioration in endocrine functions, reproduction and growth has been reported in various wildlife species and the relationship between these problems and EDs has been the target of research for some time. This Session presents the most recent scientific knowledge on the problem.

Session 5

Effects on Health

It has recently been pointed out that there has been a change in the rate at which abnormalities in reproductive organs (hypospadias and others) occur here in Japan as well as in other nations. This Session discusses issues related to this phenomenon.

Session 6

Reports on Overseas Activities

This Session reports on current ED-related researches or projects being conducted by the European Union, the United States, the United Kingdom, Southeast Asia and international organizations.

Poster Session

The Japan Society of Endocrine Disrupter Research will be holding a series of poster session from Dec. 14.

Those wishing to participate in the poster session should contact the Secretariat for the Japan Society of Endocrine Disrupter Research.

Tel: +81-(0)298-59-0818 Fax: +81-(0)298-59-0851



Endocrine disrupters (EDs) have become the focus of great concern among the general public over their adverse effects on human beings and wildlife, but there is still much to be explored scientifically, making EDs a key environmental safety issue. Therefore, the Ministry of the Environment, Japan, developed a program entitled "Strategic Programs on Environmental Endocrine Disrupters '98" (SPEED '98) in May 1998 and initiated environmental monitoring and risk assessment throughout the country. In addition, we are currently engaged in the exchange of information with other countries and international organizations under a framework of international coordination.

As a part of these activities, the Ministry has held International Symposia on Environmental Endocrine Disrupters since 1998. The past symposia brought together leading scientists from all over the world. Their productive discussions were highly appreciated on an international level.

The theme for this year's Symposium will be "Chemicals in the Century of the Environment - Many-sided Approaches to Endocrine Disrupters." In commemoration of the completion of the new ED-research facility (Environmental Hormone Research Building) at the National Institute for Environmental Studies (Tsukuba City) in March, we will hold the Symposium in Tsukuba City in December.

There are three major aims of the Symposium:

- to inform the international community of current activities in Japan on ED-related issues;
- to discuss the direction of future research on endocrine disrupters through international cooperation; and
- to provide an opportunity for a multi-sided exchange of opinions on various chemicals that may pose problems at a global as well as local level.

I earnestly hope that it will be a valuable conference for scientists, administrators, industry representatives and the general public around the world. I would like to extend my welcome to all interested parties and individuals.

August, 2001

Yoriko Kawaguchi
Minister of the Environment

Notes on the Symposium Program

The Symposium is comprised of two separate parts.

The program for the 15th is open to and encourages participation by the general public, and offers detailed reports on the efforts made so far in Japan in finding solutions to the problem of EDs. A panel discussion is also planned.

The programs for the 16th and 17th are geared to scientists and professionals. The seminar style is used in order to enable detailed discussion of specific areas of study.

Persons who want to participate in the Symposium are kindly requested to register their names and organizations to the Secretariat for the Symposium (c/o Congress Corporation) by November 30. Registration is free of charge and accepted on first come first served basis. The Secretariat for the Symposium will send back a registration card from November onward.

Contact Office/Registration

Secretariat for the International Symposium on Environmental Endocrine Disrupters 2001
c/o Congress Corporation
Kosai Kaikan Bldg. 6F, 5-1 Kojimachi, Chiyoda-ku, Tokyo 102-8481, Japan
TEL:+81-(0)3-3263-5394 FAX:+81-(0)3-3263-4033 E-mail: eed01@congre.co.jp

Registration for Domestic Participants

Please send a reply-paid postcard to the Secretariat for the Symposium, with name, organization, address, telephone number, facsimile number, e-mail address, and dates you wish to participate.

Registration for Overseas Participants

Please send either a fax or an e-mail to the Secretariat, with the information listed above.
The Secretariat for the Symposium will help participants to make reservations for hotel rooms in Tsukuba upon requests.

Languages

English and Japanese (Simultaneous interpretation will be provided)