

## Greetings



To the distinguished participants in the International Symposia on Environmental Endocrine Disrupters,

Endocrine disrupters, also known as EDs, have become a topic of great concern among the general public because of their adverse effects on human beings and wildlife. With so much still to be explored scientifically, EDs constitute a key environmental safety issue. The Ministry of the Environment of Japan is therefore conducting environmental monitoring and hazard assessment and is engaged in exchanges of information with other countries and international organizations by means of international coordinating frameworks.

As a part of these activities, the Ministry has been holding International Symposia on Environmental Endocrine Disrupters since 1998. Past symposia have brought together leading scientists from around the world and their productive discussions have been highly valued internationally.

The Symposium has three major aims, namely, to share information on the initiatives being taken by various countries of the world in dealing with ED-related issues; to discuss the direction of future research on EDs through international cooperation; and to exchange wide-ranging opinions on chemicals in the environment as an issue of both local and global significance.

In response to the results which emerged in the "Global Assessment of the State-of-the-Science of Endocrine Disrupters" reported by WHO last year, this year's symposium will provide sessions and lectures by overseas speakers who participated in the preparation of this Global Assessment, with a view to clarifying future prospects for research. An introduction to initiatives which address the issue of EDs will also be provided from the standpoint of researchers, industry, and educators, in addition to a panel discussion which will take up the role of politics in effectively addressing endocrine disrupters.

This symposium represents a significant opportunity for scientists and the general public from countries around the world to learn from and share with each other, and I look forward to its meaningful results yet again this year. Please accept my most sincere welcome to all who are participating.

September 2003

**Shunichi Suzuki**  
*Minister of the Environment*

## Notes on the Symposium Program

The symposium is comprised of two parts; the program open to the public and the program for experts. The former program on the first day contains a special lecture, initiatives up to the present, and a panel discussion, to encourage participation by the general public. The latter, containing various sessions relevant to endocrine disrupters, is planned to involve scientific discussion by experts and promote a deeper understanding of the problem..

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). If you have comments or questions, please send them to the secretariat along with your application.\*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.

※ Time will be provided for questions from the audience for "Initiatives up to the Present" and "Panel Discussion" for the program open to the public on December 3. If you have comments or questions for either of these sessions, please send them to the secretariat specifying a session in question along with your application.

### Contact Office / Registration

Secretariat for the International Symposium on Environmental Endocrine Disrupters 2003  
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)3-5216-3115

### 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 Hiroshima upon requests.

# 6th International Symposium on Environmental Endocrine Disrupters 2003

▶ December 3rd (Wed.) - 5th (Fri.), 2003 ▶ Sendai International Center

■ Organized by: **Ministry of the Environment, Government of Japan**

■ Supported by: **Miyagi Prefecture, City of Sendai**

■ Cooperated by: **Japan Society of Endocrine Disrupter Research**

## AREA MAP



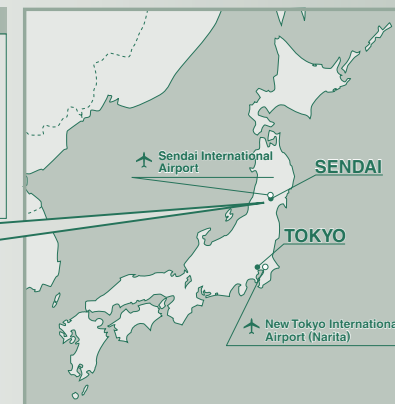
[Date] December 3rd (Wed.) - 5th (Fri.), 2003

### Sendai International Center

Aobayama, Aoba-ku, Sendai  
980-0856 Japan  
Tel: 022-265-2211  
Fax: 022-265-2485

### [Access]

- **Bus**  
10 minutes from Sendai Station  
50 minutes from Sendai Airport
- **On Foot**  
30 minutes from Sendai Station  
(straight down Aoba-dori)
- **Taxi**  
7 minutes from Sendai Station  
35 minutes from Sendai Airport
- From New Tokyo International Airport (Narita) to Sendai Station  
(JR Limited Express train "Narita Express") → JR Tokyo Station →  
(Shinkansen "Yamabiko", "Hayate" or "Komachi") → JR Sendai Station



## Contact Office/Registration

### Secretariat for International Symposium on Environmental Endocrine Disrupters 2003 c/o Congress Corporation

Kosai Kaikan Bldg. 6F, 5-1 Kojimachi, Chiyoda-ku, 102-8481 Tokyo, Japan  
Tel: +81-(0)3-3263-5394 Fax: +81-(0)3-5216-3115

E-mail: [eed03@congre.co.jp](mailto:eed03@congre.co.jp)

## Contact Office/Program

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

1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-8975, Japan  
Tel: +81-(0)3-3581-3351(Ext.: 6354) Fax: +81-(0)3-3580-3596

E-mail: [ehs@env.go.jp](mailto: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)29-859-0818 Fax: +81-(0)29-859-0851

E-mail: [jsedr@mb.infoweb.ne.jp](mailto:jsedr@mb.infoweb.ne.jp)

## Program

### Sendai International Center

<b>December 3 (Wed.)</b> Program Open to the Public	<b>Afternoon</b>	◎ <b>Opening Remarks</b> <ul style="list-style-type: none"> <li>• Greeting from the Minister of the Environment, Government of Japan</li> <li>• Greeting from Guests</li> </ul> ● <b>Special Lecture</b> <ul style="list-style-type: none"> <li>● <b>Initiatives up to the Present</b></li> <li>● <b>Panel Discussion</b></li> </ul>
	<b>Evening</b>	(Reception)
<b>December 4 (Thu.)</b> Program for Experts	<b>Morning</b>	<b>Session 1:</b> Overseas Initiatives
	<b>Afternoon</b>	<b>Session 2:</b> Basic Science <b>Session 3:</b> Wildlife
	<b>Evening</b>	<b>Session 4:</b> Exposure
<b>December 5 (Fri.)</b> Program for Experts	<b>Morning</b>	<b>Session 5:</b> Human Health
	<b>Afternoon</b>	<b>Session 6:</b> Causal Criteria for Assessing Endocrine Disrupters ◎ <b>Closing Remarks</b>

\*Note that the Poster Session sponsored by the Japan Society of Endocrine Disrupter Research will be held simultaneous to the Symposium (December 2 (Tue.) - 5 (Fri.)).

※ Languages: Japanese and English (simultaneous interpretation available)

## Speakers

### <Speakers from abroad>

<b>Robert Kavlock</b>	EPA, USA
<b>Joseph G. Vos</b>	National Institute of Public Health and the Environment, Netherlands
<b>Gerhard Winneke</b>	University of Dusseldorf, Germany
<b>Lizabeth Lopez-Carrillo</b>	Mexican Institute of Public Health, Mexico
<b>Glen Van Der Kraak</b>	University of Guelph, Canada
<b>John Sumpter</b>	Brunel University, UK
<b>Elaine Francis</b>	EPA, USA
<b>Tuomo Karjalainen</b>	European Commission
<b>John Adgate</b>	University of Minnesota, USA
<b>Herman B.W.M.Koëvter</b>	OECD
<b>Tim Meredith</b>	WHO
<b>Terri Damstra</b>	WHO
<b>George Daston</b>	MiamiValley Laboratories, USA
<b>R.Thomas Zoeller</b>	University of Massachusetts, USA

### <Speakers from Japan>

<b>Taisen Iguchi</b>	Okazaki National Research Institutes, Japan
<b>Tohru Inoue</b>	National Institute of Health Sciences, Japan
<b>Kimihiro Iwamoto</b>	Mitsui Chemicals, Inc., Japan
<b>Yukihiko Oikawa</b>	Omose Elementary School, Kesennuma City, Japan
<b>Noriyuki Suzuki</b>	National Institute for Environmental Studies, Japan
<b>Shinsuke Tanabe</b>	Ehime University, Japan
<b>Yoshitaka Nagahama</b>	Okazaki National Research Institutes, Japan
<b>Toshihiro Horiguchi</b>	National Institute for Environmental Studies, Japan
<b>Masatoshi Morita</b>	National Institute for Environmental Studies, Japan
<b>Chisato Mori</b>	Graduate School of Medicine, Chiba University, Japan
<b>Panel Discussion</b>	
<b>Kenji Manabe</b>	Member of the House of Councilors
<b>Jiro Aichi</b>	Member of the House of Councilors
<b>Masahiro Tabata</b>	Member of the House of Representatives
<b>Hajimu Fujii</b>	Mayor of Sendai City
<b>Masatoshi Morita</b>	National Institute for Environmental Studies, Japan

※ including speakers under negotiation

### Summaries of the Program Open to the Public

#### Special Lecture

Under the theme of the effect of endocrine disrupters on wildlife, the lecture will be given by Dr. Glen Van Der Kraak, Professor of University of Guelph in Canada, who participated in the preparation of WHO's Global Assessment of the State-of-the-Science of Endocrine Disrupters.

#### Initiatives up to the Present

This part provides an introduction to initiative and current state of the issue of endocrine disrupters from the standpoint of government, researchers, industry and educators. It also includes questions from the audience.

#### Panel Discussion

Politicians discuss their views concerning how politics has involved in the issue of endocrine disrupters and what will be expected of government in the future.

### Summaries of the Program for Experts

#### Session 1 Overseas Initiatives

This session provides an introduction of current status and initiatives concerning endocrine disrupters overseas.

#### Session 2 Basic Science

Endocrine disrupters are suspected of having effects on the development process of animals in various ways. This session takes up the reproductive system, brain and thyroid hormon and provides an introduction to the latest research and future prospects concerning the molecular mechanism of the hormone action and basic control mechanism of development and differentiation for these tissues and organs.

#### Session 3 Wildlife

This session deals with the latest research initiatives concerning the effects of chemical substances on various animals such as invertebrates, fish and birds, and the current effects on wildlife reported in the field and how recovery from such effects is going.

#### Session 4 Exposure

The purpose of this session is an introduction to accurate methods of measuring the degree of exposure of people and wildlife to endocrine disrupters, which is important for assessing risk of chemicals suspected of having endocrine disrupting effects.

#### Session 5 Human Health

This session focuses on the latest findings concerning the effect of chemical substances in the environment on human beings, and research on ways to assess environmental risk for children and fetuses in order to prevent the harmful effects of such chemicals.

#### Session 6 Causal Criteria for Assessing Endocrine Disrupters

Phenomena thought to be related to endocrine disruption have been reported throughout the world. Principal examples will be provided by guest speakers. Elements required for assessment will be discussed in the form of case studies.

#### Poster Session

The Japan Society of Endocrine Disrupter Research will be holding a series of poster session from December 2.  
Those wishing to participate in the poster session should contact the Secretariat for the Japan Society of Endocrine Disrupter Research.  
Tel: +81-(0)29-859-0818 Fax: +81-(0)29-859-0851