Greetings —

To the distinguished participants in the International Symposium 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 Symposiums on Environmental Endocrine Disrupters since 1998. Past symposiums 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 the experts. 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.

Contact Office: Registration

Secretariat for the International Symposium on Environmental Endocrine Disrupters 2003
C/o Congress Corporation
Kosai Kaikan Bldg., 6F, 3-1 Kojimachi, Chiyoda-ku, Tokyo 102-8481, Japan
Tel.: +81-(03)-3263-5394 Fax: +81-(03)-3216-3115

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 request.
### Program

**December 3 (Wed.)**
- **Program Open to the Public**
  - Afternoon: Opening Remarks
    - Greeting from the Minister of the Environment, Government of Japan
    - Greeting from Guests
    - Special Lecture
    - Initiatives up to the Present
    - Panel Discussion
  - Evening: (Reception)

**December 4 (Thu.)**
- **Program for Experts**
  - Morning: Session 1: Overseas Initiatives
  - Afternoon: Session 2: Basic Science
  - Session 3: Wildlife
  - Evening: Session 4: Exposure

**December 5 (Fri.)**
- **Program for Experts**
  - Morning: Session 5: Human Health
  - Afternoon: Session 6: Causal Criteria for Assessing Endocrine Disrupters
  - Closing Remarks

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

Languages: Japanese and English (simultaneous interpretation available)

### Speakers

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

**<Speakers from Japan>**
- Taisen Iguchi (Okazaki National Research Institutes, Japan)
- Tohru Inoue (National Institute of Health Sciences, Japan)
- Kimihiro Iwamoto (Mitsui Chemicals, Inc., Japan)
- Yukihiko Oikawa (Osaka Elementary School, Japan)
- Noriyuki Suzuki (Kesemuma City, Japan)
- Shinsuke Tanabe (Ehime University, Japan)
- Yoshitaka Nagahama (Okazaki National Research Institutes, Japan)
- Toshihiro Horiguchi (National Institute for Environmental Studies, Japan)
- Masatoshi Morita (National Institute for Environmental Studies, Japan)
- Chisato Mori (Graduate School of Medicine, Chiba University, Japan)

**Panel Discussion**
- Kenji Manabe (Member of the House of Councillors)
- Jiro Aichi (Member of the House of Representatives)
- Masahiro Tabata (Mayor of Sendai City)
- Hajimu Fuji (National Institute for Environmental Studies, Japan)

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<tr>
<th>Summaries of the Program Open to the Public</th>
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<tr>
<td><strong>Special Lecture</strong></td>
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<td>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.</td>
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<th>Initiatives up to the Present</th>
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<tr>
<td>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.</td>
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<tr>
<th>Panel Discussion</th>
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<td>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.</td>
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<th>Summaries of the Program for Experts</th>
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<tr>
<td><strong>Session 1</strong> Overseas Initiatives</td>
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<td>This session provides an introduction of current status and initiatives concerning endocrine disrupters overseas.</td>
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<th>Session 2 Basic Science</th>
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<td>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 hormone and provides an introduction to the latest research and future prospects concerning the molecular mechanism of the hormone action and basic control mechanisms of development and differentiation for these tissues and organs.</td>
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<th>Session 3 Wildlife</th>
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<td>The purpose of this session is an introduction to accurate methods of measuring the degree of exposure of people and wildlife to endocrine disrupters, and the current effects on wildlife reported in the field and how recovery from such effects is going.</td>
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<th>Session 4 Exposure</th>
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<tr>
<td>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.</td>
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<th>Session 5 Human Health</th>
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<td>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.</td>
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<th>Session 6 Causal Criteria for Assessing Endocrine Disrupters</th>
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<td>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.</td>
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<td>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: +81-0229-859-0818 Fax: +81-0229-859-0851</td>
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