



International Symposium on Environmental Endocrine Disrupters 2002

Tuesday, November 26 - Thursday, November 28, 2002

プログラム

Program

Tuesday, November 26, 2002 (Program Open to the Public)

13:00	<p>Opening Remarks</p> <p>Shunichi Suzuki (Minister of the Environment) Yuzan Fujita (Governor, Hiroshima Prefecture) Yoshitake Masuhara (Member of the House of Representatives) Shuichi Kato (Member of the House of Councilors) Taizo Muta (President, Hiroshima University)</p>	
13:30	<p>Special Lecture</p> <p>Effects of Preimplantation and Prenatal Exposure of Endocrine Disrupters on Next Generation Osamu Tsutsumi (University of Tokyo, Japan)</p>	P. 3
14:30	<p>Initiatives Abroad and in Japan</p> <p>Current OECD Initiatives and Progress in Endocrine Disrupters Testing and Assessment Herman B.W.M. Koëter (OECD)</p> <p>Global Assessment of the State-of-the-science of Endocrine Disruptors Tim Meredith (WHO)</p> <p>Testing for Endocrine Effects in Waste Water Bengt-Erik Bengtsson (EU)</p> <p>Assay Validation Studies In Progress in the U.S. Endocrine Disruptor Screening Program James P. Kariya (EPA, USA)</p> <p>U.S. Interagency Evaluation of <i>In Vitro</i> Endocrine Disruptor Testing Methods William S. Stokes (ICCVAM, USA)</p> <p>Current Strategies against Environmental Endocrine Disrupters by the Ministry of the Environment, Government of Japan Hironori Hamanaka (Ministry of the Environment, Government of Japan)</p>	P. 5
16:00	Break	
16:15-18:00	<p>Panel Discussion "Environmental risk communication"</p> <p>Panelists: Taisen Iguchi (Okazaki National Research Institutes, Japan) Kimihiro Iwamoto (Mitsui Chemicals Inc., Japan) Yuko Sakita (Journalist, Environmental Counselor, Japan) Keiko Endo (Yamamoto Elementary School, City of Hiroshima, Japan) Kazuhiko Adachi (Ministry of the Environment, Government of Japan)</p> <p>Moderator: Goro Koide (Japan Broadcasting Corporation (NHK), Otsuma Women's University, Japan)</p>	P. 17

Wednesday, November 27, 2002 (Program for Experts)

9:00	<p>Session 1 Effect on Immune System</p> <p>Chairpersons: Keiko Nohara (National Institute for Environmental Studies, Japan) Henk van Loveren (National Institute of Public Health and the Environment, the Netherlands)</p> <p>The Immune-neuro-endocrine Network: the Interphase between Environmental and Internal Signals Hugo O. Besedovsky (Philipps Marburg University, Germany)</p> <p>Immunological Analysis of The Low Dose Exposure Syndromes Kou Sakabe (The Kitasato Institute, Kitasato University, Japan)</p> <p>Health Effects of PCB's: The Immune System Henk van Loveren (National Institute of Public Health and the Environment, the Netherlands)</p>	P. 29
10:35	Break	
10:45	<p>Cellular Targets of TCDD-induced Immunotoxicity Keiko Nohara (National Institute for Environmental Studies, Japan)</p> <p>Molecular Analysis of the Inhibition of Chemokine Gene Expression by Xenoestrogens Hidekuni Inadera (University of Tokyo, Japan)</p>	

11:45	Lunch	
13:00	<p>Session 2 Frogs</p> <p>Chairperson: Katsutoshi Yoshizato (Hiroshima University, Japan)</p> <p>Anuran Metamorphosis - an Attractive Biological Process to Study the Mechanism of the Larval to Adult Tissue Remodeling and to Detect Thyroid Disruptors - Katsutoshi Yoshizato (Hiroshima University, Japan)</p> <p>Dual Function of Thyroid Hormone Receptor during Amphibian Development Yun-Bo Shi (National Institute of Health, USA)</p> <p>Molecular Mechanism of Muscle Cell Death by Thyroid Hormone in Amphibian Tadpole Tail Yoshio Yaoita (Hiroshima University, Japan)</p> <p>Design and Testing of Thyroid Hormone Responsive Reporter Gene Constructs for Generating Transgenic Xenopus Models for Detecting Endocrine Disrupters Barbara Demeneix (Muséum National d'Histoire Naturelle, France)</p> <p>Impact of Polychlorinated Biphenyls on Amphibian Development and Endocrine Physiology Robert J. Denver (University of Michigan, USA)</p>	P. 39
15:00	Break	
15:15	<p>Session 3 Thyroid Hormone</p> <p>Chairperson: Hisao Seo (Nagoya University, Japan)</p> <p>Endocrine Disrupters and Thyroid Function Hisao Seo (Nagoya University, Japan)</p> <p>Steroid Receptor Coactivator, SRC-3, and Prostate Cancer Ming-Jer Tsai (Baylor College of Medicine, USA)</p> <p>Thyroid Hormones: Multiple Roles through Multiple Receptors Jacques Samarut (Ecole Normale Supérieure de Lyon, France)</p> <p>Thyroid Hormone Receptor Mutations and the Development of Thyroid Cancer Sheue-yann Cheng (National Cancer Institute, USA)</p>	P. 49
16:45	Break	
17:00	<p>Discussion Frogs / Thyroid Hormone</p> <p>Chairpersons: Katsutoshi Yoshizato (Hiroshima University, Japan) Taisen Iguchi (Okazaki National Research Institutes, Japan)</p> <p>Panelists: Yun-Bo Shi (NICHD, National Institute of Health, USA) Barbara Demeneix (Muséum National d'Histoire Naturelle, France) Robert J. Denver (University of Michigan, USA) Ming-Jer Tsai (Baylor College of Medicine, USA) Jacques Samarut (Ecole Normale Supérieure de Lyon, France) Sheue-yann Cheng (National Cancer Institute, USA)</p>	
18:00	Break	
19:30-21:30	<p>Night Session Sexual Differentiation</p> <p>Chairperson: Yasuo Sakuma (Nippon Medical School, Japan)</p> <p>Estrogen Receptor and Brain Sex Differentiation Yasuo Sakuma (Nippon Medical School, Japan)</p> <p>Sexual Differentiation of Sexual Behavior James G. Pfau (Concordia University, Canada)</p> <p>Hypothalamic Development and Sexual Differentiation Stuart A. Tobet (University of Massachusetts Medical School, USA)</p> <p>Sex Determination and Gonadal Sex Differentiation in Fish Yoshitaka Nagahama (Okazaki National Research Institutes, Japan)</p>	P. 57

Thursday, November 28, 2002 (Program for Experts)

9:30	<p>Session 4 Exposure Assessment / Risk Assessment Chairperson: Masatoshi Morita (National Institute for Environmental Studies, Japan) Recent Evidence for Low Dose Effects of Bisphenol A Frederick S. vom Saal (University of Missouri - Columbia, USA) Newly Arising Endocrine Disruptors: UV Filters in Cosmetics Margret Schlumpf (University of Zurich, Switzerland) Endocrine Disruption - the Trouble with Mixtures Andreas Kortenkamp (University of London, UK) Environmental Endocrine Disruptors Assessment: Strategy of the European Commission Claudia Roncancio Peña (European Commission)</p>	P. 65
11:30	Lunch	
12:45	<p>Session 5 Children's Health Chairpersons: Jorma Toppari (University of Turku, Finland) Teruaki Iwamoto (St. Marianna University School of Medicine, Japan) Regional Differences and Temporal Trends in Semen Quality Niels Jørgensen (Rigshospitalet, Denmark) Current Status of Semen Quality in Japan Teruaki Iwamoto (St. Marianna University School of Medicine, Japan) Regional and Temporal Trends in the Prevalence of Cryptorchidism and Hypospadias Jorma Toppari (University of Turku, Finland)</p>	P. 73
13:50	Break	
14:00	<p>Persistent Organic Pollutants (POPs) in Human Breast Milk Collected from Asian Developing Countries: Risk Assessment for Infants Shinsuke Tanabe (Ehime University, Japan) New Ways to Investigate Contamination and Human Health Elizabeth A. Guillette (University of Florida, USA) Fetal Exposure to Endocrine Disruptors during Human Pregnancy in Japan Fumiki Hirahara (Yokohama City University, Japan)</p>	
15:15	Break	
15:30-17:00	<p>Discussion Children's Health / Risk Assessment Chairperson: Chisato Mori (Chiba University, Japan) Panelists: John A. Mclachlan (Tulane University, USA) Jorma Toppari (University of Turku, Finland) Fumiki Hirahara (Yokohama City University, Japan) Masatoshi Morita (National Institute for Environmental Studies, Japan) Frederick S. vom Saal (University of Missouri - Columbia, USA) Commentators: John P. Myers (United Nations Foundation) Richard A. Becker (American Chemistry Council, USA)</p>	