



The 11th UK-Japan Annual Scientific Workshop on Research into Environmental
Endocrine Disrupting Chemicals
RIHGA Royal Hotel Osaka, Japan 12-14th November 2009

Programme

Thursday, 12th November

2F "Tsuta Room"

19:00 - 21:00 **Welcome Reception**

Opening Address/Welcome by

Teruyoshi Hayamizu (Ministry of the Environment)

Ian Dalton (Department for Environment, Food and Rural Affairs
(DEFRA))

Friday, 13th November

Tower Wing 28F "Emerald Room"

WELCOME and INTRODUCTION

9:00 - 9:30 **Welcome to the Science**

Opening Remarks

Mike Roberts (Department for Environment, Food and Rural Affairs
(DEFRA))

Logistics, meeting events and an overview of UK-J 2004-2009

Taisen Iguchi (National Institutes of Natural Sciences)

SESSIONS

CORE PROJECT 1

Chairs: David Sheahan (Centre for Environment, Fisheries & Aquaculture Science
(CEFAS))

Norihisa Tatarazako (National Institute for Environmental Studies)

9:30 - 10:10 **Investigations into reduction of oestrogenic activity in
wastewater and evaluation of biological significance (C1)**

Monika Jürgens (Centre for Ecology and Hydrology (CEH))

Hiroaki Tanaka (Kyoto University)

Mizuhiko Minamiyama (Public Works Research Institute)



CORE PROJECT 2

Chairs: David Sheahan (Centre for Environment, Fisheries & Aquaculture Science (CEFAS))

Norihisa Tatarazako (National Institute for Environmental Studies)

10:10 - 11:00 **Evaluation of the endocrine disrupting potency of chemicals and other pollutants using the stickleback model**

- Optimization of *in vivo* exposure condition to detect androgenic potency of chemicals using the three-spined stickleback (C2.1)
Masaki Nagae (Nagasaki University)

- Two exposure scenarios to a mixture of endocrine disrupting chemicals using the three-spined stickleback (C2.2)
Ioanna Katsiadaki (Centre for Environment, Fisheries & Aquaculture Science (CEFAS))

- Exposure to silver nanoparticles alters gene expression in the brain of the three-spined stickleback (*Gasterosteus aculeatus*) (C2.3)

Tim Bean (Centre for Environment, Fisheries & Aquaculture Science (CEFAS))

11:00 - 11:20 **Coffee Break**

CORE PROJECT 3

Chairs: Christina Lye (Enviresearch Ltd.)

Yasuhiko Ohta (Tottori University)

11:20 - 12:00 **Investigating mechanisms of feminisation and oestrogenic responses in fish (C3)**

Anke Lange (University of Exeter)

Shinichi Miyagawa (National Institutes of Natural Sciences)

12:00 - 13:30 **Lunch and Poster Presentations**



Saturday, 14th November

Tower Wing 28F “Sapphire Room”

INVITED PRESENTATIONS

Chairs: Charles Tyler (University of Exeter)

Taisen Iguchi (National Institutes of Natural Sciences)

- 8:40 - 9:10 **From Modes of Action to Managing Risks: an Update on Screening and Testing for Endocrine Disruptors** **(S1)**
Tom Hutchinson (Centre for Environment, Fisheries & Aquaculture Science (CEFAS))
- 9:10 - 9:40 **Chemical Selection and Evaluation for Risk Assessment - A UK and European Perspective** **(S2)**
Mike Roberts (Department for Environment, Food and Rural Affairs (DEFRA))
- 9:40 - 10:10 **Activities on Testing and Assessment of Endocrine Disruptors by MOE and Chemical Management Policy in Japan** **(S3)**
Teruyoshi Hayamizu (Ministry of the Environment)

SHAPING NEW CORE PROJECTS AND SUMMING UP

Chairs: Charles Tyler (University of Exeter)

Taisen Iguchi (National Institutes of Natural Sciences)

- 10:10 - 10:40 **Key Objectives for members in the new core activity framework in 2010.**
- 10:40 - 11:00 **Discussion**
- 11:00 - 11:30 **Coffee Break**
- 11:30 - 11:50 **Summing Up**
Charles Tyler (University of Exeter)
Taisen Iguchi (National Institutes of Natural Sciences)
- 11:50 - 12:00 **Closing remarks**
Ian Dalton (Department for Environment, Food and Rural Affairs (DEFRA))
Teruyoshi Hayamizu (Ministry of the Environment)