

# Endocrine Disruptors: Modes of Action and Exposure Assessment



4th International Symposium of the Graduate Colleague 1427,  
Heinrich-Heine University, Düsseldorf, Germany

*Thursday 8th October 2009*

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| 11:30 | Charlotte Esser, Düsseldorf<br>Faculty Dean, Düsseldorf (tba) | Introduction and Welcome<br>Welcome on behalf of the University                              |
| 11.45 | Kenneth S. Korach, NIEHS, N.C                                 | <b>Keynote Lecture:</b><br>Emerging biological functions for<br>different estrogen receptors |

12:45 Lunch and Posters

## Endocrine disrupting chemicals in the environment

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|-------|----------------------|--|
| 14.15 | Werner Kloas, Berlin | Procedures for evaluating effects of<br>endocrine active compounds in<br><i>Xenopus laevis</i> |
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## Assessment of Exposure to endocrine active chemicals

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|-------|---------------------------|---|
| 15.00 | Wolfgang Dekant, Würzburg | Biomonitoring of human exposure<br>to bisphenol A: methods, results<br>and assessment |
| 15.45 | Holger M. Koch, Bochum    | Phthalates: Metabolism and Exposure   |

16:30 Coffee

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|-------|---------------------------|--|
| 16.50 | Gisela H. Degen, Dortmund | Exposure assessment of isoflavone<br>phytoestrogens in German Children |
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## Endocrine active chemicals that target the androgen receptor

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| 17.15 | Wilhelm Schänzer, Köln | Endocrine disruption by anabolic steroids |
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19:00 Speakers dinner





**Friday 9th October 2009**

**Endocrine active chemicals that target the androgen receptor**

**9.00 Günter Vollmer, Dresden**

In vitro and in vivo anti-androgenic activity of phytochemicals

**Effects of endocrine disruptors on reproduction**

**9.45 Retha R. Newbold, NIEHS**

Consequences of developmental exposure to estrogens in mice

**10.30 Helle Raun Andersen, Odense**

Impaired reproductive development in sons of women occupationally exposed to pesticides during pregnancy

**11: 15**

**Coffee**

**Effects of endocrine disruptors on non-reproductive tissues**

**11:35 Josef Köhrle, Berlin**

Environment and endocrinology: the case of thyroidology

**12:20 Patrick Diel, Köln**

Non reproductive tissues as targets for estrogens, phytoestrogens and endocrine disruptors

**12.50**

**Short talks of selected abstracts**

**13.50 Wim Wätjen, Düsseldorf Poster Awards - FAREWELL AND GOOD BYE**

**GRK 1427 "Food constituents as triggers of nuclear receptor-mediated intestinal signaling"**

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