

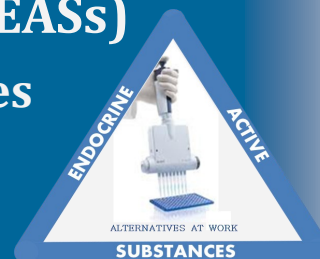
International Symposium on

Alternative *in vitro* methods to characterize the role of Endocrine Active Substances (EASs) in hormone-targeted tissues

December 17th 2012

Aula Pocchiari

Istituto Superiore di Sanità, ROME, Italy



8.00	Registration of participants	
8.30	Welcome address	Umberto Agrimi , Head of Food Safety and Veterinary Public Health Department Loredana Musmeci , Head of Environment and Primary Prevention Department
8.40	Symposium opening	Isabella De Angelis and Stefano Lorenzetti

INTRODUCTIVE SESSION

8.50 **Thomas Hartung**
Endocrine disruption as the pilote of mapping the human toxome

9.10 **Costanza Rovida**
Implementation of regulatory issues

9.30 **Alberto Mantovani**
Endocrine Active Substances / EASs: understanding modes of action for risk assessment

9.50 **Johann Steinkellner**
Exploration of alternative methods for toxicity assessment of pesticide metabolites

10.10 **Serena Cinelli**
Improving test methods in the spirit of the 3Rs; the point of view of a contract research organization

10.30 **Coffee break**

SESSION 1: EASs in reproductive-targeted tissues

11.00 **Stefano Lorenzetti**
A prostate perspective on male fertility and EASs: from toxicogenomics to phenotypic anchoring

11.20 **Marcello Spanò**
Human sperm (epi)genetic biomarkers to assess the impact of EASs on male reproductive function

11.40 **Luana Paulesu**
In vitro effects of EASs in human placenta

SESSION 2: EASs in different hormone-targeted tissues

12.00 **Igor Bendik-Falconnier**
Endocrine active nutrients explored in human bone cell cultures

12.20 **Robert A Smith**
The use of cell models in determining neuronal responses to EASs

12.40 **Arti Ahluwalia**
Dynamic in-vitro organ models of metabolism

13.00 **General discussion**

13.30 **Lunch**

SESSION 3: EASs and kinetics

14.30 **Emanuela Testai**
The role of biokinetics in in vitro tests and in the interpretation of results

14.50 **Frédéric Yves Bois**
Physiologically-based modeling of ovarian steroid hormones synthesis for EASs' health risk assessment

15.10 **Daniel R. Dietrich**
EASs contra human & environmental health: relevant or playground for merchants of doom?

15.30 **General discussion**

16.00 **Concluding remarks**

Scientific Secretariat

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