

## **“New challenges in risk assessment : Non-testing approaches in toxicology and ecotoxicology”**

**Friday 6 December 2013: 9:00 – 18:00 hours**



**UCL, Louvain-La-Neuve**  
**Auditorium Mont 01 of the Montesquieu building**  
Rue Montesquieu 32 - Louvain-la-Neuve (ground floor)

### **Introduction**

More and more alternative methods such as *in vitro* and *in silico* methods are used for the assessment of hazards in order to reduce animal testing. Major aim of this Annual Meeting is to give a current status and future perspective of non-testing approaches in hazard and risk assessment. Target audience includes scientists and regulatory managers from different disciplines.

### **Morning Session - Chair: Henk Vrijhof (Ecetoc, Brussels, Belgium)**

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| 9:00  | <b>Welcome/Introduction</b><br>Henk Vrijhof/Mark Martens (BelTox)  |
| 9:10  | Keynote lecture :<br><b>Perspectives of the merits and pitfalls of non testing approaches in the Tox 21 environment. A step change towards risk assessment?</b><br>Dr. Grace Patlewicz (Du Pont, Newark DE, USA) |
| 10:00 | <b>Non-testing approaches for pharmaceuticals in Discovery</b><br>Dr. Araz Raof (Johnson & Johnson, Beerse, Belgium)   |



## Annual Scientific Meeting 2013

10:30	Coffee Break & Poster Session
11:00	<b>Non testing strategy for intermediates throughout pharmaceutical Development</b> Dr. Jacky van Gompel (Johnson & Johnson, Beerse, Belgium)
11:30	<b>In silico strategies for hazard assessment of nanomaterials</b> Dr. Enrico Burello (TNO, Zeist, Netherlands)
12:00	<b>BelTox General Assembly</b> Miranda Cornet (BelTox; UCB, Brussels)
12:15	Lunch and poster session
<b>Afternoon Session Chair: Koen Van Deun (Reflector Consulting, Belgium)</b>	
	<b>Young Scientist Competition</b> Prof. Dominique Lison (BelTox, UCL, Brussels)
13:30	<b>Using the zebrafish embryo as a screening tool for teratogenicity</b> E. Bagci, Universiteit Antwerpen, Belgium
13:45	<b>Characterization of hepatic markers and transcription factors in human Wharton's Jelly-derived mesenchymal stem cells</b> K. Buyl, VUB, Belgium
14:00	<b>Does <i>in vitro</i> gastrointestinal digestion of red meat, in comparison to white meat, give rise to the formation of more cyto- and genotoxic compounds?</b> L. Hemeryck, Ugent, Belgium
14:15	<b>A coculture model of the lung-blood barrier to study pulmonary and cardiovascular toxicity</b> K. Luyts, KULeuven, Belgium
14:30	<b>Non-testing approaches for food</b> Prof. Vittorio Silano (Faculty of Medicine, II University of Rome, Italy)
15:00	Coffee Break and poster session
15:30	<b>The Roles of Mechanistic Chemistry, QSARs and Read-Across in Risk Assessment for Cosmetic Ingredients</b> Dr. Nora Aptula (Unilever, Sharnbrook, Bedford, UK)
16:00	<b>From non-testing approaches to field reality: A new paradigm in ecotoxicology?</b> Prof. Patrick Kestemont, (University of Namur, Belgium)
16:30	<b>Non-testing approaches for chemicals</b> Dr. Francesca Tencalla (Toxminds, Brussels, Belgium)
17:00	Closing remarks & prizes for best presentation/poster Mark Martens (BelTox)

### ORGANISING COMMITTEE

Willem Penning

Francesca Tencalla, Toxminds

Koen Van Deun, Reflector Consulting

Steven Verberckmoes, Umicore

Henk Vrijhof, ECETOC