Food for thought ...
Joanne Zurlo
and Eric Hutchinson:
Refinement

Kristine Kongsbak,
Anne Marie Vinggaard,
Niels Hadrup,
and Karine Audouze:
A computational approach to mechanistic and predictive toxicology of pesticides

Andrea Gissi,
Domenico Gadaleta,
Matteo Floris, Stefania Olla,
Angelo Carotti,
Ettore Novellino,
Emilio Benfenati, and
Orazio Nicolotti:
An alternative QSAR-based approach for predicting the bioconcentration factor for regulatory purposes

Cedric Blanc,
Madeleine Zufferey, and Pierre Cosson:
Use of in vivo biotinylated GST fusion proteins to select recombinant antibodies

Renata Grzywa,
Agnieszka Łupicka-Słowik,
Maciej Walczak, Magdalena Idzi, Kamila Bobrek,
Stephane Boivin, Andrzej Gawel, Tadeusz Stefaniak,
Józef Oleksyszyn, and Marcin Sierńczyk:
Highly sensitive detection of cancer antigen 15-3 using novel avian IgY antibodies

Workshop reports
Symposium reports
Calendar of events
Corners
News
1.7.13   20:55

3. 3Rs in academia and education

- Scientific reporting standards
- 3Rs in academic education
- Funding programs (e.g. Horizon 2020)
- Innovative teaching and training tools
- g. Benefits of 3Rs – case studies
- f. Challenges to 3Rs
- d. Update on SEURAT -1
- c. Update on Tox21
- a. Pathway approaches in toxicology (AOP)

2. Predictive Toxicology and safety assessment

- New readout technologies
- Monitoring, telemetry
- Bioreactors
- e. Tissue on a chip
- d. Novel computational biology tools
- c. BIG data
- i. Animal welfare implementation across the world
- h. Trade barriers
- e. Challenges to 3Rs
- d. Humane principles in experimental techniques
- b. Primates
- a. Regulatory acceptance of alternatives

5. Efficacy and safety testing of drugs and biologicals

- d. Potency of human and veterinarian vaccines
- c. Screening strategies
- b. Alternative disease models
- a. Stem cells (screening)

6. Human relevance (in vivo, in vitro)

- d. Retrospective analysis / non-technical summaries
- c. Scientific reporting standards
- b. Alternative disease models
- a. Use of materials of human origin

7. Ethics

- f. Challenges in translational biology
- e. ADME
- c. Human biomarkers
- b. Testing in human volunteers
- a. Transgenics

8. Human relevance (in vitro, in vivo)

- e. Exposure
- d. Update on SEURAT -1
- c. Update on Tox21
- a. Pathway approaches in toxicology (AOP)

9. Global cooperation, regulatory acceptance, and mutual acceptance

- d. Humane principles in experimental techniques
- b. Primates
- a. Regulatory acceptance of alternatives

10. Rostislav Čihák, Lukáš Jebavý, Barbora Večlová, Carl Westmoreland, Gilbert Schönfelder, Clive Roper, Roman Kolar, Helena Kanďárová, Horst Spielmann, Andrew Rowan, Thomas Hartung, Thomas Steger-Hartmann, David Gallacher, Peter Clements, Luis Valerio Jr., Sridharan Rajamani, Philip Hewitt, Harald Kropshofer, Gareth Waldron, Thomas Mow, Franck Alençar, Merck Serono, Lundbeck, Bayer, Oxford University, University College Dublin, Freedom for Animals, Czech Republic, University, Faculty of Medicine, Charles University, Czech Republic, BASF, Germany, Eurogroup for Animals, Germany, CAAT Europe, Germany, SETOX & MatTek, Slovak Republic, SSCT & ECOPA, Finland, CAAT Europe, Germany, SEURAT -1, Germany, P&G, Germany, Charles River Laboratories, United States of America, Horst Spielmann, Dagmar Jírová, Rostislav Čihák, Lukáš Jebavý, Barbora Večlová, Carl Westmoreland, Gilbert Schönfelder, Clive Roper, Roman Kolar, Helena Kanďárová, Horst Spielmann, Andrew Rowan, Thomas Hartung, Thomas Steger-Hartmann, and QT prolongation: case studies from GSK

www.predictivetoxicology.com

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