

# ALTEX

## ALTERNATIVES TO ANIMAL EXPERIMENTATION

### Food for thought ...

Joanne Zurlo  
and Eric Hutchinson:

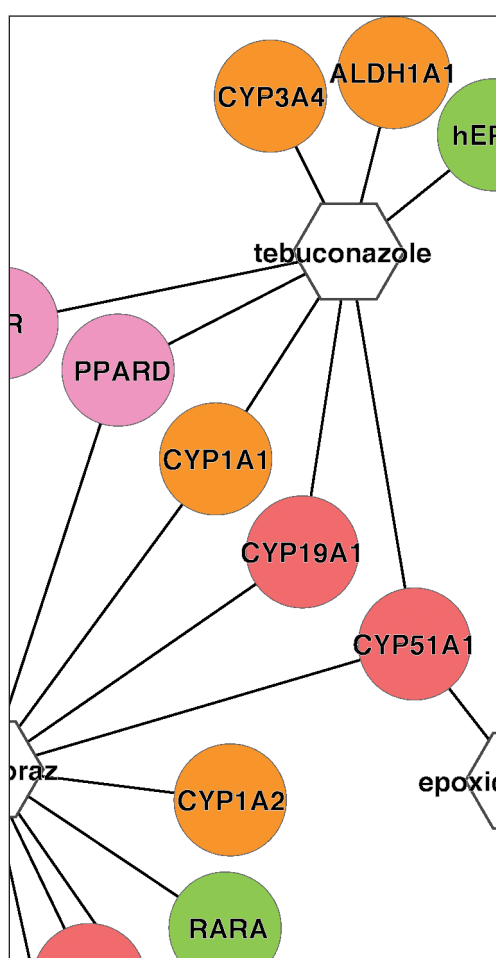
#### Refinement

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  
Gawęł, Tadeusz Stefaniak,  
Józef Oleksyszyn, and  
Marcin Sieńczyk:

#### Highly sensitive detection of cancer antigen 15-3 using novel avian IgY antibodies

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**Franck Atienzar**  
Head, *In vitro* Toxicology Unit  
**UCB**

**Thomas Mow,**  
Head of Safety Pharmacology  
**Lundbeck**

**Gareth Waldron**  
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# ALTEX

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in biomedical science**

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Excerpt of Fig. 2 in Kongsbak et al., 11-22 showing a chemical-protein association network. The colors indicate the primary function of the respective proteins.

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ALTEX is devoted to the publication of research on the development and promotion of alternatives to animal experiments according to the 3R concept of Russell and Burch: Replace, Reduce, and Refine. Animal experiments are defined by the editors as all experimental procedures involving the use of animals in testing, research, and education or to obtain tissues, organs, and other animal-derived products which may cause pain or distress to animals.

ALTEX is also devoted to the bioethics of the complex relationship between humans and animals. Articles published in ALTEX must express a basic concern for the dignity of living creatures and the recognition of animals as our partners.

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