

Analysis of estrogenic endocrine disruptors in food: state-of-the-art and future trends
"From specific spectrometric approaches to emerging global 'omics approaches"



0.3. Programme

Dr. Jean-Philippe ANTIGNAC
LABERCA, France



<http://www.biocop.org>



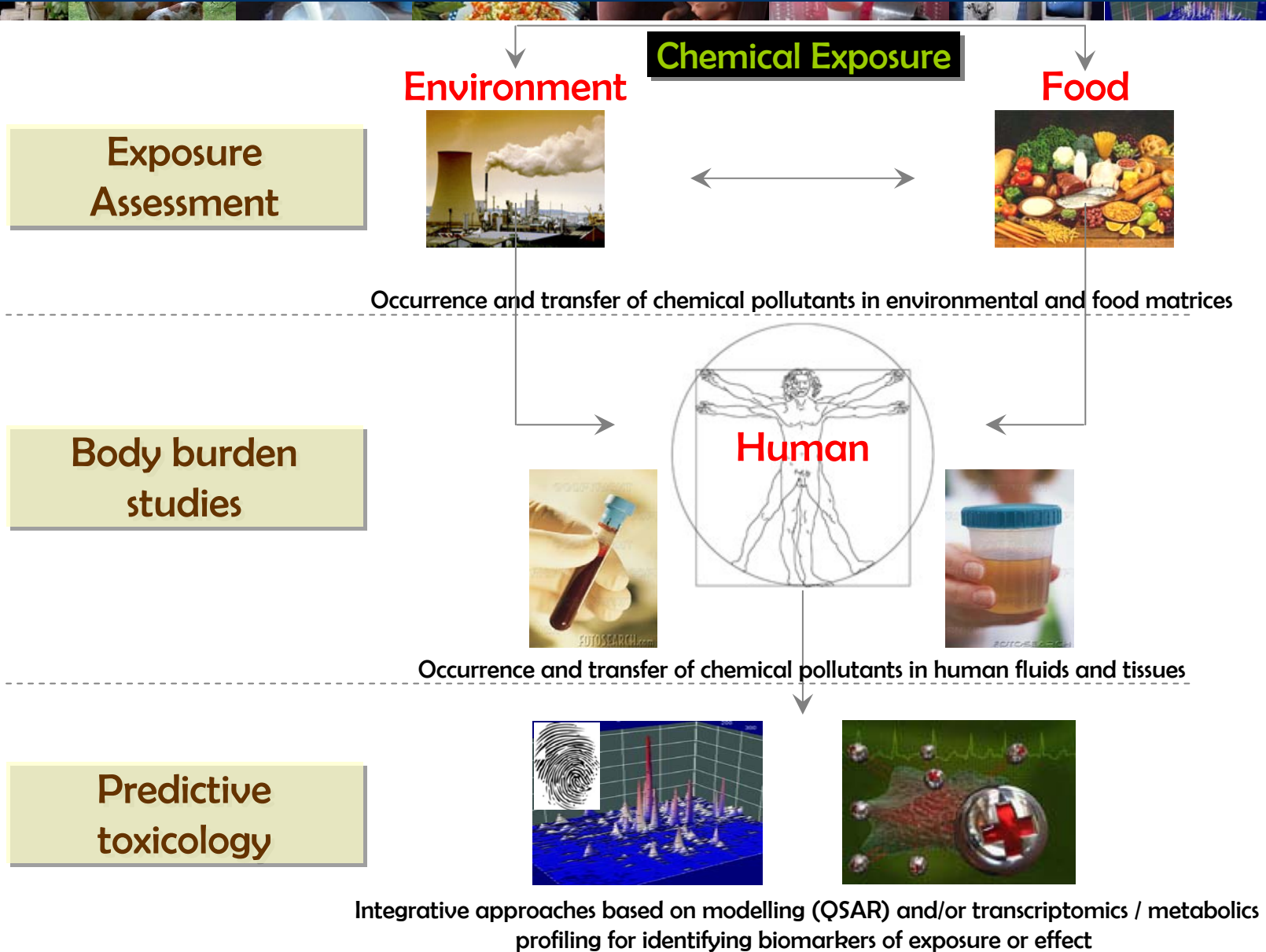
<http://www.cascade.net>

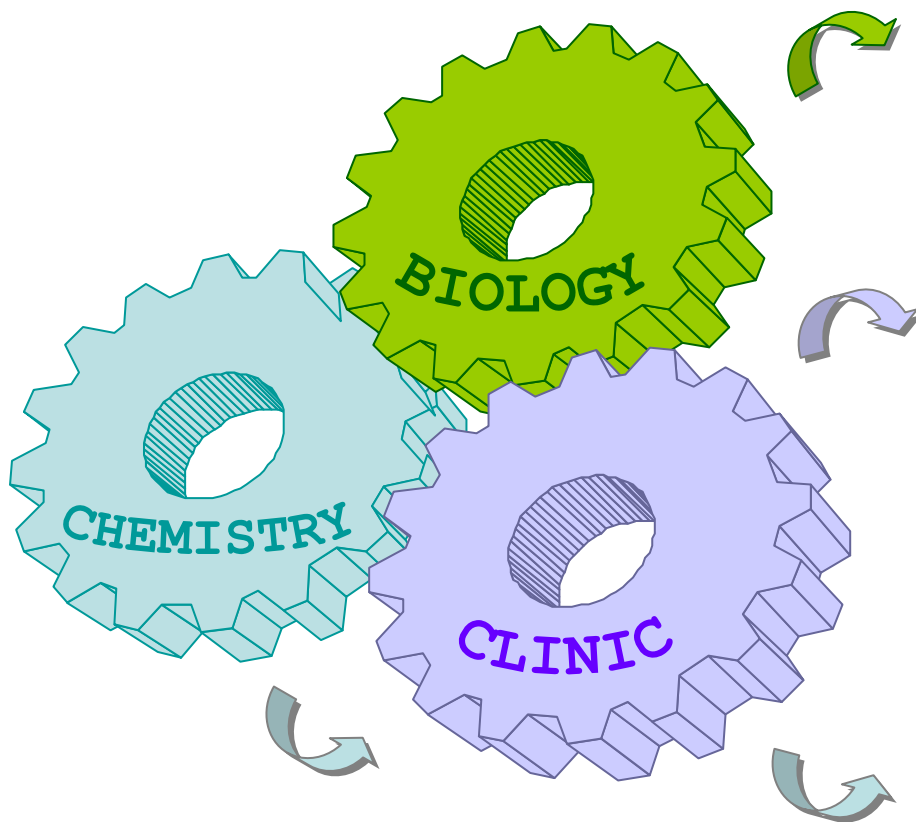


School for Advanced Residue Analysis in Food

<http://www.saraf-educ.org>

The endocrine disruption concern





Tuesday 9th December 2008

14:30 – 15:30

1.1 The global Endocrine Disruption story

Dr. Bernard Jegou

(U625 INSERM, Rennes, France)

15:30 – 16:30

1.2 The specific Testicular Dysgenesis Syndrome story

Pf. Dr. Niels Skakkebaek

(Copenhagen University Hospital, Denmark)

Coffee Break



16:45 – 17:45

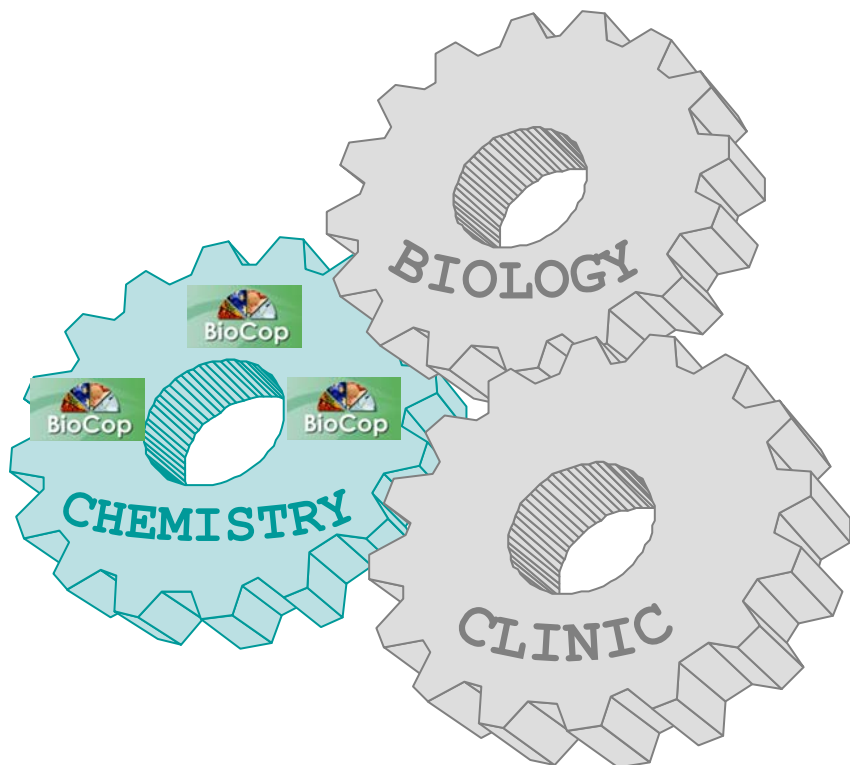
1.3 QSAR: advantages and limitations

Alessandra Roncaglioni

(Mario Negri Institute, Italy)

Questions/Discussion





Wednesday 10th December 2008

8:30 – 10:00

2.1 Basics of Mass spectrometry

Pf. Dr. Bruno Le Bizec

(LABERCA, Nantes, France)



Coffee Break

10:30 – 11:15

2.2 Application of MS for measuring steroid estrogens in food and biological fluids

Dr. Frédérique Courant

(LABERCA, Nantes, France)



Questions/Discussion

11:15 – 12:00

2.3 Application of MS for measuring phytoestrogens in food

Dr. Jean-Philippe Antignac

(LABERCA, Nantes, France)

14:00 – 16:00

3.1 Basics of transcriptomic and Q-PCR techniques

Pf. Dr. Hanspeter Naegeli

(Zürich University, Switzerland)



Coffee Break

16:30 – 17:30

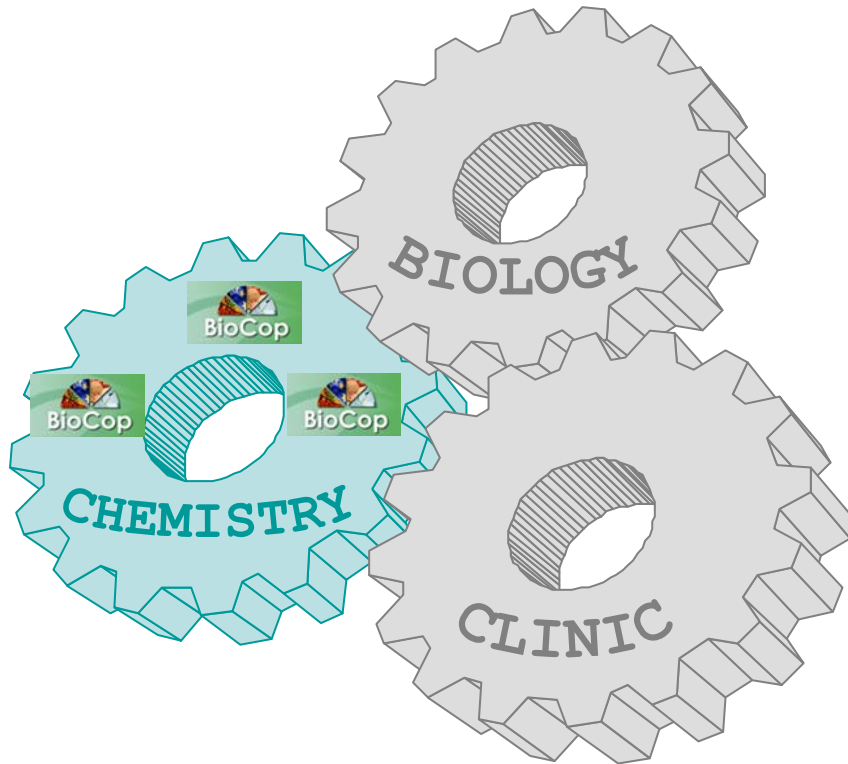
3.2 Basics of transcriptomic data processing and analysis

Dr. Hans Gmünder

(Genedata AG, Basel, Switzerland)



Questions/Discussion



Thursday 11th December 2008

8:30 – 9:15

3.4 Transcriptomic for measuring ECD in food

Dr. Katerina Lancova

(Zürich University, Switzerland)

Coffee Break



9:15 – 10:00

3.5 Q-PCR and DNA-Microarray for controlling EDC in food.

Dr. Katerina Lancova

(Zürich University, Switzerland)

10:30 – 11:30

3.6 Future Trends: the metabolomic approach

Dr. J-P Antignac, Dr. G Pinel & Dr. F Courant

(LABERCA, Nantes, France)

Questions/Discussion



11:50 – 12:20

Closing Session