

**Marie Curie Conference on Non-Pathogenic Clostridia
Toulouse, February 24 to 27, 2008**

Sunday February 24, 2008

Location: Comfort Inn Hotel in Ramonville

17H00-19H00 Registration
18H00-19H00 Plenary lecture
Terry Papoutsakis
Clostridia, biofuels and biorefining: potential and problems
19H00-22H00 Welcome dinner

Monday February 25, 2008

Location: INSA Toulouse-Amphitheatre Fourier

Session I: Metabolism of Non-Pathogenic Clostridia

8H30-9H30 Hubert Bahl
Oxidative stress response and aerotolerance in *Clostridium acetobutylicum*
9H30-10H00 Gaëlle André
The sulphur metabolism and its regulation in *Clostridium acetobutylicum*
10H00-10H30 Katrin Schwartz
System Biology of *Clostridium acetobutylicum*-understanding solvent production
10H30-11H00 Coffee break
11H00-11H30 Stefan Junne
Monitoring of cell polarizability in the acetone-butanol fermentation with electrooptical measurements
11H30-12H30 Wilf Mitchell
Substrate accumulation and its control in solventogenic clostridia
12H30-14H00 Lunch

Session II: Metabolic Engineering of Non-Pathogenic Clostridia

14H00-15H00 Isabelle Meynial-Salles
Metabolic Engineering of *Clostridium acetobutylicum* for the production of 1, 3 propanediol.
15H00-15H30 Agnieszka Brandt
Expression of *Clostridium acetobutylicum* butanol synthetic genes in *Escherichia coli*
15H30-16H30 George Bennett
Contributions of Clostridia to the degradation of hazardous materials
16H30-18H00 Poster session I
19H00-22H00 Dinner at the Comfort Inn Ramonville

Tuesday February 26, 2008

Location: INSA Toulouse-Amphitheatre Fourier

Session III: Genetics and Genomic of Non-Pathogenic Clostridia

9H00-10h00 Peter Duerre
Regulation of solvent formation in *Clostridium acetobutylicum*
10H00-10H30 John Heap
The Clostron gene knockout system: refinements and application.

10H30-11H00 Coffee break

11H00-11H45 Zhen Shi

Transcriptional analysis of *Clostridium beijerinckii* during the shift from acidogenesis to solventogenesis

11H45-12H30 Philippe Soucaille

Gene deletion and integration without markers in *Clostridium acetobutylicum*

12H30-14H00 Lunch

Session IV: Sporulation of Non-Pathogenic Clostridia

14H00-15H00 Elisabeth Steiner

How do clostridia phosphorylate Spo0A

15H00-15H30 Sara Jabbari

Mathematical modelling of the gene regulation network controlling sporulation initiation

15H30-16H00 Brian Tracy

Development and application of flow-cytometry techniques for *Clostridium* cell cultures

16H00-18H00 Poster session II

19H00-24H00 Congress dinner at the restaurant “Les beaux arts” in Toulouse

Wednesday February 27, 2008

Location: INSA Toulouse-Amphitheatre Fourier

Session V: Polysaccharide hydrolysis and sugar transport in Non-Pathogenic Clostridia

9H00-10H00 Ed Bayer

The cellulosome of the Clostridia and related bacteria

10H00-10H30 Julie Watson

Xylose Catabolism in the biofuel producing organism *Clostridium acetobutylicum* ATTC 824

10H30-11H00 Coffee break

11H00-12H00 Mickaël Desvaux

Cellulose metabolism in mesophilic cellulolytic clostridia: *Clostridium cellulolyticum* as a case study

12H00-13H00 Chantal Tardif

How does *Clostridium cellulolyticum* regulate cellulosome production and composition?

13H00-14H00 Lunch

14H00 Departure