

FICDS Program

May 5th 2004 Wednesday

12.00 - 17.00 Arrival and registration

**18.00 - 19.30 Session 1
Introduction (chair T. Riley)**

18.00 - 18.30 Peter Borriello
Historical aspects of *Clostridium difficile* and infection

18.30 - 19.00 Dale Gerding
Clostridium difficile-associated disease: current clinical conundrums

19.00 - 19.30 Glen Songer
Clostridium difficile in domestic animals: the wolf at the door

20.00 Welcome reception and Dinner

May 6th 2004 Thursday

**8.30 - 10.00 Session 2
Genetics (chair N. Minton)**

8.30 - 9.00 Brendan Wren
Sequence analysis of the *Clostridium difficile* 630 genome

9.00 - 9.30 Peter Mullany
Mobile genetic elements

9.30 - 10.00 Julian Rood
Development of systems for the genetic manipulation of *Clostridium difficile*

10.00 - 10.30 Coffee break

**10.30 - 11.30 Session 3
Physiology (chair M. Wilcox)**

10.30 - 11.00 Linc Sonenshein
Stationary phase, sporulation, and *Clostridium difficile* pathogenesis

11.00 - 11.30 Nigel Minton
Quorum sensing in *Clostridium difficile*

**11.30 - 12.30 Session 4
Selected oral presentations I (chair L. Peterson)**

11.30 - 11.45 Ludovic Lemee
Multi-locus sequence typing, a tool for population and evolutionary genetics of *clostridium difficile*

- 11.45 - 12.00 Renate van den Berg
Rapid diagnosis of *Clostridium difficile* by real-time PCR
- 12.00 - 12.15 Shan Goh
Effect of a genotypically characterised phage on toxin production in *C. difficile*
- 12.15 - 12.30 Bradley Stiles
The paradigm of *Clostridium perfringens* iota toxin for bacterial binary toxins
- 12.30 - 14.00 Lunch**
- 14.00 - 15.30 Poster presentations**
- 15.30 - 16.30 Session 5**
***C. difficile* toxins I (chair M. Thelestam)**
- 15.30 - 16.00 Christoph von Eichel-Streiber
TcdA, TcdB and the Pathogenicity Locus of *Clostridium difficile*
- 16.00 - 16.30 Ingo Just
Mode of action of TcdA and TcdB and their use as tools in cell biology
- 16.30 - 17.00 Coffee break**
- 17.00 - 18.00 Session 6**
***C. difficile* toxins II (chair Christoph von Eichel-Streiber)**
- 17.00 - 17.30 Bruno Dupuy
Molecular mechanism of toxin regulation in *Clostridium difficile*
- 17.30 - 18.00 Michel Popoff
Clostridium difficile ADP-ribosyl transferase and Clostridium binary toxins
- 18.00 - 19.00 Round table (chair M. Rupnik)**
Nomenclature of *C. difficile* toxins and toxin genes
- 19.00 Dinner**

May 7th 2004 Friday

- 8.30 - 9.30 Session 7**
Diagnostic and epidemiology I (chair H.Kato)
- 8.30 - 9.00 Michel Delmee
Clostridium difficile : microbiological diagnosis
- 9.00 - 9.30 Mark Wilcox
Preventing *Clostridium difficile* infection
- 9.30 - 10.00 Coffee break**

- 10.00 - 11.00 Session 8**
Diagnostic and epidemiology II (chair M. Delmee)
- 10.00 - 10.30 Jon Brazier
Typing of *Clostridium difficile*
- 10.30 - 11.00 Tom Riley
The epidemiology of *Clostridium difficile*-associated diarrhoea
- 11.00 - 12.30 Round table (chairs F. Barbut, E. Kuijper)**
Diagnosics
- 12.30 - 14.00 Lunch**
- 14.00 - 15.00 Session 9**
Pathogenesis (chair A. Collignon)
- 14.00 - 14.30 Ian Poxton
Pathogenesis and host response
- 14.30 - 15.00 Larisa Oros Miller
Vaccine against *Clostridium difficile*
- 15.00 - 16.00 Session 10**
Selected oral presentations II (chair P. Mastrantonio)
- 15.00 - 15.15 Anders Enosksson
Rectal nitric oxide gas and stool cytokine levels during the course of infectious gastroenteritis
- 15.15 - 15.30 Neil Fairweather
Surface layer proteins of *C. difficile* – molecular properties and potential interaction with host cytoskeleton proteins
- 15.30 - 15.45 Severine Pechine
Variability and immunological properties of surface proteins of *Clostridium difficile*
- 15.45 - 16.00 Kevin Keel
Specific effects of *C. difficile* toxins on pig intestinal mucosa
- 16.00 - 16.30 Coffee break**
- 16.30 - 17.30 Session 11**
Prevention and treatment (chair S. Johnson)
- 16.30 - 17.00 Lynne McFarland
Alternative Treatments for *Clostridium difficile* disease
- 17.00 - 17.30 Paola Mastrantonio
Antibiotics and resistance
- 19.00 Congress Dinner**

