

EIMID Meeting 2012
Dunblane Hydro Hotel, Scotland
3-5 October 2012
Hosted by Imperial College London

Wednesday 3 October 2012

14.30 – 16.00 Welcome

EIMID meeting, Session 1- Presentations

Signalling and Immune Responses Chair: Professor David W. Holden, Imperial College

14.30-15.00 **Olivier Dussurget, Institute Pasteur**
Unconventional pathways contribute to IFN- β production during Listeria infection

15.00-15.30 **Alexis Vogelzang, Max Planck**
Measuring Memory - T cell responses to BCG vaccination

15.30-16.00 **Fiona Powrie, Oxford**
IL-23-driven cellular and molecular pathways that promote intestinal inflammation and colon cancer

16.00 – 16.30 Coffee break

16.30 – 18.00 **EIMID meeting, Session 2 – Presentations**

Polymicrobial Communities Chair: Professor Philippe Sansonetti, Institute Pasteur

16.30-17.00 **Klas Udekwu, Karolinska**
Approaching polymicrobial interactions in infection relevant niches

17.00-17.30 **Giulia Nigro, Institute Pasteur**
Decrypting signals in the crypt

17.30-18.00 **Trevor Lawley, Novartis**
Targeted restoration of the intestinal microbiota with a simple, defined bacteriotherapy resolves relapsing Clostridium difficile disease in mice

20.00 – 23.00 Dinner

Thursday 4 October 2012

08.00 – 09.00 Breakfast

09.00 – 10.30 EIMID meeting, Session 3 – Presentations

Secretion

Chair: Birgitta Henriques Normark, Karolinska

09.00-09.30 **Michael Kolbe, Max Planck**
Architecture of the T3SS needle: common structural features and functional implications

09.30-10.00 **Francesca Zerbini, Novartis**
New insights into the sortase C regulation in group B Streptococcus

10.00-10.30 **Sun Nyunt, Karolinska**
Outer membrane vesicles-mediated release of protein from pathogenic bacteria

10.30 – 11.00 Coffee break

11.00 – 13.00 EIMID meeting, Session 4 – Presentations

Host-pathogen Interactions

Chair: John Telford, Novartis

11.00-11.30 **Olivier Neyrolles, Institute Pasteur**
Metallobiology of host-pathogen interactions: an intoxicating new insight

11.30-12.00 **Elena del Tordello, Novartis**
Transcriptome analysis and functional genomics of Neisseria meningitidis in human blood

12.00-12.30 **Mikael Rhen, Karolinska**
On the pathogenesis of Salmonella enterica in C. elegans

12.30-13.00 **Sophie Helaine, Imperial College**
Salmonella Persists in Macrophages

13.00 – 14.00 Lunch

14.00 – 16.00 Poster session

16.00 – 17.00 Free time/Steering Committee Meeting

17.00 – 19.30 Distillery visit

20.00 Dinner & ceilidh

Friday 5 October 2012

08.00 – 09.00 Breakfast

09.00 – 10.30 EIMID meeting, Session 5 – Presentations

The bacterial cell wall

Chair: Christoph Tang, Oxford

09.00-09.30 **Peter Mellroth, Karolinska**

Control of autolysis by Streptococcus pneumonia

09.30-10.00 **Ivo Boneca, Institute Pasteur**

Peptidoglycan maturation enzymes control flagellar functionality in bacteria

10.00-10.30 **Angelika Gründling, Imperial College**

Lipoteichoic acid synthesis in Gram-positive bacteria and how Staphylococcus aureus manages to survive without it

10.30 – 11.00 Coffee break

11.00 – 13.00 EIMID meeting, Session 6 – Presentations

Histones and Methylation

Chair: Arturo Zychlinsky, Max Planck

11.00-11.30 **Alf Herzig, Max Planck**

The function of histone modifications

11.30-12.00 **Fernando Garcia, Max Planck**

Genome-wide host cell methylome changes induced upon bacterial infection

12.00 – 13.00 EIMID meeting, Session 7 – Presentations

Vaccines

Chair: Arturo Zychlinsky, Max Planck

12.00-12.30 **Stijn van der Veen, Oxford**

Design and evaluation of meningococcal vaccines through structure-based modification of host and pathogen molecules

12.30-13.00 **Mathew Bottomly, Novartis**

Informing vaccine design and development through structural studies of protein antigens and antigen-antibody complexes

13.00 – 13.10

Meeting Closes

Chair: Professor David W. Holden, Imperial College

13.10 – 14.00

Lunch

14.00 – 15.00

Departures