



eimid 8th Annual Meeting

Borgo Scopeto Relais, Siena - 12th-14th October, 2011

Wednesday, 12th October

12.00-13.00 Check-in and registration at venue

13.00-14.30 *Lunch*

Session 1: Innate Immunity and Inflammation

Chair: Arturo Zychlinsky

14.30-15.00 **Andrea Puhar, Institut Pasteur**

The *Shigella* effector IpgD downregulates inflammation by manipulating danger signalling in the gut epithelium

15.00-15.30 **Birgitta Agerberth, Karolinska Institutet**

Diverse roles of antimicrobial peptides in innate immunity

15.30-16.00 Special Guest Session - Chair: David Holden

Stella Hurtley, Science Magazine

Science publishing and publishing in Science

16.00-16.30 *Coffee break*

Session 2: Regulation

Chair: John Telford

16.30-17.00 **Emmanuelle Charpentier, Umeå University**

When bacteria get the flu and sharpen their knives: a novel RNA maturation pathway to activate the CRISPR immune system

17.00-17.30 **Edmund Loh, Imperial College**

Capsule biosynthesis in *Neisseria meningitidis* is regulated by temperature

17.30-18.00 **Luca Fagnocchi, Novartis V&D**

The NadR regulon: adhesins and diverse meningococcal functions are regulated in response to physiologically relevant signals

18.00-19.30 Poster session (Even Posters)

20.00-22.00 *Dinner*



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Thursday, 13th October

08.00-09.00 Breakfast

Session 3: Functional & Immunological Characterisation Chair: Philippe Sansonetti

09.00-09.30 **Marie-Isabelle Thoulouze, Institut Pasteur**

The "Viral biofilm": a new viral reservoir involved in human retrovirus cell-to-cell transmission

09.30-10.00 **Barbara Nesta, Novartis V&D**

FdeC: a novel broadly conserved *E. coli* adhesin, eliciting protection against urinary tract infections

10.00-10.30 **Annalisa Nuccitelli, Novartis V&D**

Knowledge-based design of an effective vaccine against Group B Streptococcus: understanding the immunological features of backbone (BP-2a) protein alleles

10.30-11.00 *Coffee break*

Session 4: Host Modification Chair: Staffan Normark

11.00-11.30 **Ludovico Buti, Novartis V&D**

CagA of *Helicobacter pylori* subverts the ASPP2 tumor suppressor pathway of the host

11.30-12.00 **Ervinna Pang, MPI Infection Biology**

Helicobacter pylori CagA causes shut-down of human beta-defensin 3 expression via SHP-2- dependent EGF receptor inactivation

12.00-12.30 **Stephen T. Reece, MPI Infection Biology**

Cellular aspects of granuloma development during tuberculosis

12.30-13.00 **Fabrizia Stavru, Institut Pasteur**

Listeria monocytogenes infection alters mitochondrial dynamics

13.00-14.00 *Lunch*

14.00-16.00 Poster Session (Odd Posters)

16.00-18.00 Free time & Networking

17.30-19.00 EIMID Steering Committee Meeting

19.00 *Transfer to Cagliano, Wine tasting, Dinner & Party*



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Friday, 14th October

08.00-09.00 Breakfast

Session 5: Type III Secretion Chair: Pascale Cossart

09.00-09.30 **Stefan Frost, Umeå University**

A molecular explanation to calcium dependency in *Yersinia*

09.30-10.00 **Nathalie Rolhion, Imperial College**

Salmonella SPI-2 type III secretion system counteracts LPS-induced innate immune responses

10.00-10.30 **Marta Vergara Irigaray, Imperial College**

An unexpected nonameric assembly is essential for type III secretion in *Shigella flexneri* M90T

10.30-11.00 *Coffee break*

Session 6: Plasmodium Chair: Birgitta Henriques Normark

11.00-11.30 **Mats Wahlgren, Karolinska Institutet**

Insight into severe Malaria through structure-function studies of the adhesin PfEMP1

11.30-12.00 **Kenneth Vernick, Institut Pasteur**

Genetic and functional dissection of malaria transmission by the mosquito vector

12.00-12.30 **Elena A. Levashina, MPI Infection Biology**

Antiparasitic responses in the malaria vector *Anopheles gambiae*

12.30-13.00 **Elyzana D. Putrianti, MPI Infection Biology**

Role of a *Plasmodium* SERA cysteine protease in stage conversion from liver to blood stage malaria parasites

13.00-14.00 *Lunch*

MEETING VENUE

Borgo Scopeto Relais - Strada Comunale n. 14 - Siena, Vagliagli - Loc. Borgo Scopeto - 53010