



# CROSS-TALK WORKSHOP

LESSONS FROM HOST-PATHOGENS  
INTERACTIONS

*Milano (Italy) – April 28-29, 2011*

## PROGRAMME



## LESSONS FROM HOST-PATHOGENS AND INTERACTIONS

A p r i l 27

- 17.00 - 17.30 *Registration*
- 17.30 - 19.00 *Poster session*
- 19.00 – 21.00 *Pizza party*
- 21.30 – 22.00 Cross-Talk members meeting at Ripamonti Hotel (fellows, associated fellows)

A p r i l 28

- 8.15 **Bus departure from Hotel Ripamonti to IFOM- IEO Campus**
- 9.00 - 9.10 *Introduction*
- 9.10 - 9.50 *Chair Philippe SANSONETTI and Jerry WELLS*  
**Jerry WELLS** (Wageningen University – The Netherlands)  
*The molecular basis of the commensal and infectious lifestyles*
- 9.50 - 10.30 **Philippe SANSONNETI** (Pasteur Institute – France)  
*Pathogens and commensals at the mucosal surfaces: the Yin and Yang of innate immunity*
- 10.30 - 11.00 *Coffee Break*
- 11.00 - 11.40 **Francois LEULIER** (IBDML – France)  
*Host-microbes mutualism: the fly case*
- 11.40 - 13 .00 **Khalid SALAMAT** (INRA – France)  
*Propagation of glycan chain modified and insertional prion mutants in cultured cells*  
**Alexandre JAMET** (INRA – France)  
*Identification of a Brucella secreted effector interacting with Human small GTPase Rab2*  
**Laura CURCURU** (University of Rome – Italy)  
*Pseudomonas aeruginosa strategies to evade immune system responses*  
**Priscilla BRANCHU** (INRA – France)  
*Nitric oxide inhibits adhesion in Enterohemorrhagic Escherichia coli O157:H7*
- 13.00 - 15.00 *Lunch*  
*Poster session*
- Chair Luigina ROMANI and Thierry SOLDATI*
- 15.00 - 15.40 **Luigina ROMANI** (University of Perugia – Italy)  
*The microbioma-host-fungal interaction: deciphering the “ménage à trois lexicon”*
- 15.40 - 16.40 **Laurye VAN MAELE** (INSERM – France)  
*Flagellin protects mice from Streptococcus pneumoniae infection*  
**Rossana IANNITI** (University of Perugia – Italy)  
*Regulation of host-fungus interaction in vertebrates*  
**Julie SCHULTHESS** (INSERM – France)  
*IL-15 promotes the recruitment of inflammatory monocytes in T. gondii-induced ileitis*

## LESSONS FROM HOST-PATHOGENS AND INTERACTIONS

A P R I L 2 8

16.40 - 17.10 **Coffee break**

17.10 - 17.50 **Thierry SOLDATI** (University of Geneva – Switzerland)  
*Interactions of Pathogenic Mycobacteria with the amoeba Dictyostelium*

17.50 - 18.50 **Malgorzata NEPELSKA** (INRA – France)  
*Functional metagenomic approach: The where, what and when of microbial communities within us*

**Emelyne LECUYER** (INSERM – France)  
*Specificity of Intestinal Adaptive B Cell Responses to the Microbiota: analysis in mice mono colonized by E. coli MG1655 or SFB.*

**Katerina TSILINGIRI** (IEO – Italy)  
*Probiotics and postbiotics activity in health and disease: comparison on a novel polarized ex-vivo organ culture model*

*Social dinner*

A P R I L 2 9

7.30 **Bus departure from Hotel Ripamonti to IFOM- IEO Campus**

*Chair Arlette DARFEUILLE-MICHAUD and Denise KELLY*

8.30 - 9.10 **Stéphane MERESSE** (CIML – France)  
*Role of effectors proteins in Salmonella pathogenesis*

9.10 - 9.50 **Pietro MASTROENI** (University of Cambridge – United Kingdom)  
*Bacterial Infection Dynamics: a "catch me if you can" race between the pathogen and the immune system*

9.50 – 10.30 **Arlette DARFEUILLE-MICHAUD** (University of Clermont-Ferrand – France)  
*Crohn's disease-associated adherent-invasive Escherichia coli: mechanism of intestinal colonization, evasion of intracellular killing and development of gut inflammation*

10.30 -11.00 **Coffee Break**

11.00 - 12.00 **Mariangela CAVARELLI** (San Raffaele Scientific Institute – Italy)  
*Dendritic cells mediate the selective transmission of R5 human immunodeficiency virus (HIV)-1 through the intestinal mucosa*

**Rejoanoul ISLAM** (Wageningen University – The Netherlands)  
*Altered mucosal homeostasis in mice lacking secretory antibodies*

**Agata KORECKA** (Karolinska Institute – Sweden)  
*Functional role of the AhR in regulating GI homeostasis and inflammation*

12.00-12.40 **Christoph TANG** (Imperial College – United Kingdom)  
*Breathing life into intestinal pathogens*

12.40-14.30 **Lunch**

*Poster session*

## LESSONS FROM HOST-PATHOGENS AND INTERACTIONS

A P R I L 2 9

14.30 - 14.45 Poster & Oral Presentation Prizes

*Chair Maria RESCIGNO and Stéphane MERESSE*

15.00 - 15.40 **Thomas HENRY** (INSERM – France)

*The inflammasome: a key antibacterial innate immune defense*

15.40 - 16.20 **Nicolas LAPAQUE** (INRA – France)

*Salmonella regulates polyubiquitination and surface expression of MHC class II antigens*

**Mateo IANNACONE** (San Raffaele Scientific Institute – Italy)

*An innate, antibody-independent, antiviral role for B cells*

16.20 *Coffee Break and departure*