



# Conférence annuelle du DIM Malinf

## Annual Conference of the DIM Malinf

Jeudi 6 novembre 2014 / Thursday November 6<sup>th</sup>, 2014

Centre d'Information Scientifique, Institut Pasteur

### 08h30-09h00 : Accueil des participants / Registration

### 09h00-09h30 : Conférences d'ouverture / Welcome addresses:

**Christian BRECHOT** – *Directeur Général, Institut Pasteur*

**Isabelle THIS-SAINT-JEAN** - *Vice-présidente en charge de l'Enseignement Supérieur et de la Recherche, Conseil Régional d'Ile-de-France*

### 09h30-11h00 : Session 1 chaired by Pascal BOIREAU and Catherine BRAUN-BRETON

**09h30 Mohamed-Ali HAKIMI**

*Laboratoire Adaptation et Pathogénie des Microorganismes, Université Grenoble 1*  
Toxoplasma exports parasite proteins in the host cell nucleus and rewires the host genome expression

**10h00 Thibault ALLAIN**

*Institut Micalis, INRA*  
Putative role of lactobacilli against *Giardia lamblia* infection

**10h15 Clémentine ROUCHER**

*Centre d'Immunologie et des Maladies Infectieuses, Université Pierre et Marie Curie*  
Investigations on the biology of the *Plasmodium* hypnozoite

**10h30-11h00 Pause café / Coffee break**

### 11h00-12h00 : Session 2 chaired by Philippe GLASER and Marie-Hélène NICOLAS-CHANOINE

**11h00 Emmanuelle CHARPENTIER**

*Department Regulation in Infection Biology, Helmholtz Centre for Infection Research, Braunschweig*  
The CRISPR-Cas9 system: biology, mechanism and applications

**11h30 Stéphanie MARSIN**

*Institut de Radiobiologie Cellulaire et Moléculaire, CEA*  
DNA transformation and genetic variability in *Helicobacter pylori*.

**11h45 Fabien LE CHEVALIER**

*Unité de Pathogénomique mycobactérienne intégrée, Institut Pasteur*  
Revisiting the role of phospholipases C in the virulence of mycobacterial pulmonary pathogens

**12h00 Audrey VINGADASSALON**

*Institut de Génétique et Microbiologie, CNRS-UMR 8621, Université Paris Sud*  
Unravelling the interactions between H-NS family proteins and RNA in *Escherichia coli*.

### 12h15-14h00 Déjeuner / Lunch

*Coffee will be served in the conference hall*



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### 14h00-15h15 : Session 3 chaired by André JESTIN and Vincent MARECHAL

- 14h00**      **Esteban DOMINGO**  
*Centro de Biología Molecular "Severo Ochoa" (CSIC-UAM), Madrid*  
RNA virus variation, fitness, and antiviral strategies
- 14h30**      **Christina SIZUN**  
*Institut de Chimie des Substances Naturelles, CNRS*  
Analysis of the structure and interactions of syncytial respiratory virus polymerase cofactors as antiviral targets
- 14h45**      **Pierre ROQUES**  
*Service d'Immuno-Virologie, CEA*  
Mechanism of viral arthralgia in primate: a model study based on arthralgic alphaviruses Chikungunya and Ross River
- 15h00**      **Matthew FISHER**  
*Imperial College School of Public Health, London*  
Illuminating epidemiology: using new genomics towards understanding emerging fungal pathogens
- 15h30**      **Christophe HENNEQUIN / Oliver NUSSE**  
*CIMI-Paris, Université Pierre et Marie Curie / INSERM UMR-S757, Université Paris-Sud*  
The role of oxydative stress during phagocytosis of the emerging pathogen *Candida glabrata*
- 15h45-16h00**    **Pause café / Coffee break**

### 16h00-17h15 : Session 4 chaired by Nathalie MIELCAREK and Nathalie WINTER

- 16h00**      **Christophe ZIMMER / David DIGREGORIO**  
*Unité Imagerie et Modélisation et Unité d'Imagerie Dynamique du Neurone, Institut Pasteur*  
Towards dynamic infection imaging at the nanoscale
- 16h15**      **Douglas GOLENBOCK**  
*University of Massachusetts Medical School, Boston*  
The Innate Immune Response to Malaria is a Response to Pathogen DNA
- 16h45**      **Kathleen VICTOIR**  
*Division Internationale, Institut Pasteur*  
The Ebola outbreak: risks, crisis management, and societal impact
- 17h15**      **Bernadette MURGUE**  
*IMMI / Aviesan*  
French Research Program on EBOLA
- 17h30**      **Concluding remarks by Patrick TRIEU-CUOT**
- 17h30**      **Cocktail**