

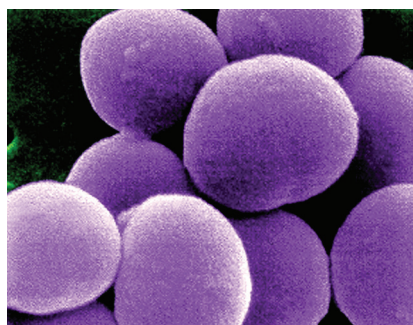
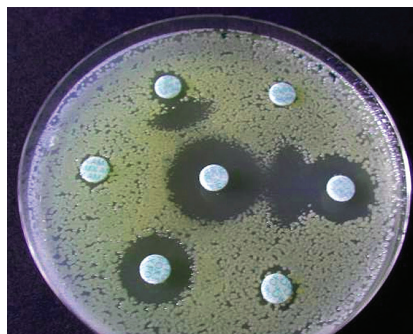
# Inserm Workshop 238

## Advanced approaches for fighting bacterial antibiotic resistance

**REGISTRATION DEADLINE:** January 11, 2016

**ORGANIZERS:** Max MAURIN (CHU, Grenoble, FRA), Thierry VERNET, André ZAPUN (Institut de Biologie Structurale, Grenoble, FRA)

**AIMS:** The workshop will cover the latest multidisciplinary approaches to tackle antibiotic resistance of bacteria by limiting their emergence and spread as well as detecting and combating current resistance of the most prevalent pathogenic microorganisms.



### PHASE I – CRITICAL ASSESSMENT

March 01-04, 2016 in Bordeaux

#### HISTORY OF ANTIBIOTICS AND RESISTANCE

With Gerald WRIGHT (McMaster University, CA)

#### LIMITING THE EMERGENCE AND THE SPREAD OF RESISTANCE

##### ••• Epidemiology: antibiotic resistance of relevant pathogens

With Dominique L. MONNET (ECDC, SWE), Mélanie COLOMB-COTINAT (InVS, FRA), Lulla OPATOWSKI (Institut Pasteur, FRA), Tim WALSH (Cardiff University, GBR), Muhamed-Kheir TAHA (Institut Pasteur, FRA), Jérôme ROBERT (UPMC, FRA)

##### ••• Better targeting through improved diagnostics

With Max MAURIN (IBS, FRA), Laurent BOITARD (ESPCI ParisTech, FRA), Dirk HECKEL (BioMérieux, FRA)

##### ••• Changing practices by educating mds and patients

With Céline PULCINI (CHU Nancy, FRA), Guillaume BESLON (University of Lyon, FRA)

#### COMBATTING RESISTANCE

##### ••• Understanding mechanisms to defeat resistance

With André ZAPUN (IBS, FRA), Martin PICARD (Paris Descartes University, FRA), Jean-Marie FRÈRE (University of Liège, BEL), Marie-Cécile PLOY (CHU Limoges, FRA), Willem van SCHAİK (University Medical Center Utrecht, NLD)

##### ••• New and renewed antibacterial approaches

With Meghan PENNINI (MedImmune, USA), Olivier PATEY (CHI Villeneuve St-Georges, FRA), Antoine ANDREMONT (Hôpital Bichat-Claude Bernard, FRA)

##### ••• New antibiotics and how to find them

With Laurent CHESNEL (Merck, USA), Tanja SCHNEIDER (University of Bonn, DEU)

#### ROUND TABLE: PROPOSITION FOR A FRENCH RESEARCH AND INNOVATION POLICY TO FIGHT ANTIBIOTIC RESISTANCE

CHAIRPERSONS: Didier GUILLEMOT (Institut Pasteur, FRA), Marie-Cécile PLOY (CHU Limoges, FRA)



### PHASE II – TECHNICAL WORKSHOP

March 9-11, 2016 (and if necessary March 16-18, 2016) - Grenoble

Phase II will focus on detection methods of major mechanisms of resistance to antibiotics of the most common human pathogens (*Staphylococcus aureus*, *Streptococcus pneumoniae*, *Pseudomonas aeruginosa*, *Acinetobacter baumannii*, *Enterococcus faecium*, *Mycobacterium tuberculosis*). This will include phenotypical techniques (various antibiogram methods, detection of enzymes, MALDI TOF mass spectrometry) and genetic techniques (real time PCR, DNA sequencing).

**SELECTION:** 8-16 trainees will be selected among phase I participants (8 trainees per session).

#### Information and registration:

Inserm - Pôle des ateliers  
101 Rue de Tolbiac  
75654 Paris Cedex 13  
Tel : +33 (0) 1 44 23 62 04 or 62 03  
Fax : +33 (0) 1 44 23 62 93  
ateliers@inserm.fr