

**Program symposium Chimie ParisTech – Institut Pasteur**  
**January 10, 2017 - François Jacob auditorium, (Institut Pasteur)**

**9H00-9H20 Introduction**

**09h00-09h10 : Chimie ParisTech presentation (10 min)**

**09h10-09h20 : Institut Pasteur presentation (10 min)**

**09h20-10h35: SESSION 1, NANOPARTICLES**

**09h20-09h45: NAREB: Nanotherapeutics for Antibiotic Resistant Emerging Bacterial Pathogens, Brigitte GICQUEL (Institut Pasteur)**

**09h45-10h10: Electrokinetics and microfluidics for proteome, interactome and diagnostics, Anne VARENNE (Chimie ParisTech)**

**10h10-10h35: Persistent luminescence, from the physical properties to in-vivo imaging, Bruno VIANA / Cyrille RICHARD (Chimie Paris Tech)**

*Coffee break 10H35-11H05*

**11h05-12h20: SESSION 2, IMAGING**

**11h05-11h30: Imagery of infection, tools available and needs, Régis TOURNEBIZE/ Spencer SHORTE (Institut Pasteur)**

**11h30-11h55: Single molecule super-resolution microscopy: it's all about chemistry, Christophe ZIMMER (Institut Pasteur)**

**11h55-12h20: Optical imaging in preclinics: molecular imaging and bimodal imaging, diagnostic tool for biology, Bich-Thuy DOAN (Chimie Paris Tech)**

**12h20-14h00: LUNCH (module)**

**14h-15h40: SESSION 3, MEDICINAL CHEMISTRY**

**14h-14h25: Towards the use of Ru(II) Polypyridyl Complexes in Antimicrobial and Anticancer Photodynamic Therapy, Gilles GASSER (Chimie Paris Tech)**

**14h25-14h50: New organic synthesis methodologies (automated, continuous flow, microfluidic), bioactive molecules and small molecules micro arrays screening, Christian GIRARD/Camille LESCOT (Chimie Paris Tech)**

**14h50-15h15: Epigenetic factors are promising novel anti-malaria drug targets, Artur SCHERF (Institut Pasteur)**

**15h15-15h40: Targeting M. tuberculosis DNA gyrase, Pedro Alzari /Claudine Mayer (Institut Pasteur)**

*Coffee break 15H40-16H10*

**16H10-17H25: Session 4, BIOFILM**

**16h10-16h35: Biofilm alchem,stery**, Jean-Marc GHIGO (Institut Pasteur)

**16h35:17h: Engineering Surfaces for Biomedical Applications**, Vincent SEMETÉY (Chime Paris Tech)

**17h-17h25: Surface investigation of biointerfaces formed on metals: protein adsorption, biofilm, biocorrosion**, Anouk GALTAYRIES/ Sandrine ZANA (Chime Paris Tech)

**CONCLUSION**