



## 10th French-Belgian ABC meeting ; Brussels, Belgium, October 19-20, 2012

venue: Université catholique de Louvain, Medical Health Sector, Avenue Mounier 51, 1200 Bruxelles, Belgium, [Auditoire central C](#)

### FRIDAY OCTOBER 19, 2012 (14h)

**Introduction :** Barry Holland (Université de Paris Sud, Paris, France) :  
The *Franco-Belge* ABC series: simple but successful

#### Role of ABC transporters in physiology

1. **Keynote lecture: Piet Borst (The Netherlands Cancer Institute, The Netherlands)**  
Finding physiological functions of drug transporters using KO mice, LC.MS and transportomics
2. Giovanna Chimini (Centre d'Immunologie de Marseille- Luminy INSERM-CNRS-Aix Marseille Université, France):  
ABCs, membrane and lipids, the Franco-Belgian connection
3. Cedric Govaerts (Université libre de Bruxelles, Bruxelles, Belgium) :  
How do ABC transporters interact with lipids in the membrane ?
4. 2 short communications from junior scientists

#### Role of ABC transporters in pathology

1. **Keynote lecture: Patrick Aubourg (University Paris-Descartes, Paris, France)**  
Function of ABCD1 and therapeutic approaches in X-linked adrenoleukodystrophy
2. Attilio Di Pietro (BMSSI, UMR5086 CNRS-Université Lyon 1, France):  
Modulation of cancer cell multidrug ABC transporters
3. Harry Cuppens (Katholieke Universiteit Leuven, Leuven, Belgium):  
Treatments that correct the basic defect in cystic fibrosis come to age: no real need to know the detailed function of CFTR
4. 2 short communications from junior scientists

### **GET TOGETHER PARTY around Belgian specialties**

### SATURDAY OCTOBER 20, 2012 (9h30)

#### ABC transporters: structure and mechanisms

1. **Keynote lecture: Hendrik van Veen (University of Cambridge, UK):**  
Molecular mechanisms of ABC transporters and beyond
2. Jean-Michel Jault (Institut de Biologie Structurale, Grenoble, France):  
Updated mechanism of multidrug ABC transporters from *Bacillus subtilis*
3. Bjorn Vergauwen (Ghent University, Ghent, Belgium)  
ABC solute binding proteins involved in bacterial glutathione transport
4. 2 short communications from junior scientists

#### ABC transporters in non mammalian cells

1. **Keynote lecture: André Goffeau (Université catholique de Louvain, Louvain-la-Neuve, Belgium)**  
The fungal pleiotropic drug resistance alias MDR family
2. Lutz Schmitt (Institute of Biochemistry, Heinrich Heine University Düsseldorf) :  
The haemolysin system from *E. coli* - a paradigm for type I secretion systems ?
3. Marc Boutry (Université catholique de Louvain, Louvain-la-Neuve, Belgium)  
Plant drug smugglers
4. 2 short communications from junior scientists

**Conclusion:** Françoise Van Bambeke (Université catholique de Louvain, Brussels, Belgium) :  
ABC meeting perspective: From Paris to Bruxelles to Paris ...

### **VISIT OF BRUSSELS in the afternoon (optional)** **as you have never seen it ... -**

Further information for registration and abstract submission (<http://ww2.ibcp.fr/congres/ABC/>).

8 oral presentations by junior scientists will be selected from submitted abstracts.  
Selected speakers will receive a grant.



Info :

Françoise Van Bambeke : [francoise.vanbambeke@uclouvain.be](mailto:francoise.vanbambeke@uclouvain.be) / +32-2-764.73.78  
Attilio di Pietro : [a.dipietro@ibcp.fr](mailto:a.dipietro@ibcp.fr) / +33-4-72.72.26.29