



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) :
Towards of cure for Cystic Fibrosis : Restoring mutant CFTR Function with Nanobodies
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.



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