

**Belvir Workshop:  
Flow cytometry and *In vivo* imaging  
system**

September 20, 2013 - University of Liège, 4000 Liège

## Day 1: 2013, September 19th - General aspects

### (All welcome)

(Amphi P- B45- Faculty of Veterinary Medicine - ULg)

8:30: Registration

8:45: Welcome session – **Alain Vanderplasschen**

9:00: General aspects – **Alain Vanderplasschen**

### Flow cytometry

9:30: Flow cytometry: from sample preparation to data analysis – **Benjamin Dewals**

10:30: Coffee Break

11:00: Applications in flow cytometry – **Laurent Gillet**

12:00: Example of Flow Cytometers – **Carine Lahaye, Morgan Baylock  
& Jean-Pierre Sepers** (BD Biosciences)

13:00: Lunch

### In vivo imaging

14:00: Basis and general aspects – **Géraldine Bolen**

14:50: *In vivo* imaging system – **Ronald Koop** (Perkin Elmer)

16:00: Applications of *in vivo* imaging in Virology

- The IVIS: an original and powerful tool for virologists – **Alain Vanderplasschen**
- *Murid herpesvirus 4* life cycle using *in vivo* imaging – **Laurent Gillet**
- *Ex vivo* bioluminescence of *Alcelaphine herpesvirus 1* infection during Malignant Catarrhal Fever – **Benjamin Dewals**
- The biology of *Cyprinid herpesvirus 3* unravelled under the light of a firefly gene – **Alain Vanderplasschen**

17:30: Closing remarks