The Cellular and Molecular Pharmacology Research group has an open position for a postdoctoral fellow (M/F) (1 year contract; renewable).

**Research topic:**
exploring the mechanisms of intracellular persistence of *Pseudomonas aeruginosa*

Background and aim of the project: *P. aeruginosa* is capable of invading and surviving inside eukaryotic cells, where it becomes refractory to antibiotic activity. The project will aim at deciphering the mechanisms responsible for this loss of antibiotic activity against intracellular forms, using molecular biology (genomics; proteomics), and pharmacological approaches. This project is part of a more general program on microdevelopmental processes, assembling 5 partners in Belgium (Interuniversity Attraction Poles from the Belgian Federal Science Policy). The research project will thus be developed in close collaboration with these teams.

**Skills:** strong experience in microbiology and molecular biology

**Related publication**

How to apply:
- send to Prof F. Van Bambeke (francoise.vanbambeke@uclouvain.be)
  - a motivation letter
  - a curriculum vitae (including a publication list),
  - 2 recommendation letters, and the name and email address of 2 reference persons
- specific conditions to apply:
  - PhD degree (in microbiology, biology, biomedical or pharmaceutical sciences, or any other relevant discipline)
  - no previous stay > 12 months in Belgium during the last 3 years

**Date of beginning work:** between October 2013 and January 2014 (to be discussed)
**Salary:**~ 40.000 €/year

**Description of the laboratory:**
The laboratory is located in the outskirts of Brussels, Belgium, with easy access by public transportation. The team counts 3 permanent researchers, 4 post-doctoral fellows, 10 PhD students, 4.5 technicians and 5-10 undergraduate students. Language spoken include French and English. The activities of the laboratory and the publications of the team are available on the website.

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^b [www.facm.ucl.ac.be](http://www.facm.ucl.ac.be)