Post-doc position in Bacterial Cell Biology / Microbiology

Research Project
We are looking for a highly-motivated candidate to pursue an exciting post-doc project in our lab, aiming at understanding how the predatory bacterium *B. bacteriovorus* thrives inside its prey.

The Laloux lab is a young research group of the de Duve Institute of the University of Louvain (UCL, Brussels campus). Our goal is to uncover how bacterial cells organize their molecular content in space and time to fulfill their fascinating lifecycles. In particular, we focus on the model predatory bacterium *Bdellovibrio bacteriovorus*, which feeds upon other Gram-negative bacteria. In our lab, we use bacterial genetics, molecular biology and live quantitative microscopy at high resolution, to unravel the novel mechanisms that control key processes of the outstanding cell cycle of this small predator. Details about the possible research proposals will be provided to applicants upon request.

Required Skills/Qualifications

- PhD in Microbiology, Biological Sciences, Molecular/Cellular Biology, Biochemistry, Biomedical Sciences or equivalent (completed in 2018 or before).
- **The candidate has not resided, studied or worked in Belgium for more than 24 months over the past 3 years before the start of the post-doc.**
- A good command of English (spoken and written), good communication skills, and ability to work both independently and in a team, are necessary.
- A microbiology/bacteriology background is preferred. Experience with fluorescence microscopy/quantitative image analysis is a real plus.
- The candidate is highly motivated, quality-oriented, has a strong interest for the bacterial world, biology and fundamental research, is ready for a challenging project in a young research group.

Funding

The first 2 years of funding are secured by a post-doc fellowship from a MIS grant (Incentive grant for scientific research) of the F.R.S.-FNRS (National Fund for Research). **Start date:** July 1st, 2018.

Contact & Details

Applicants are welcome to request more information and send

- their CV (including the name and contact details of 2 referees and publication list)
- a short motivation letter (max. ½ page)

to Géraldine Laloux by email at geraldine.laloux@uclouvain.be.

More information on:

[www.lalouxlab.weebly.com](http://www.lalouxlab.weebly.com)
[www.uclouvain.be](http://www.uclouvain.be)

The full job offer is available on the EURAXESS website (#256616).