



**Open position within the LDRI & DDUV Institutes (UCLouvain-Brussels) to perform a PhD thesis in Biomedical and pharmaceutical sciences**

**Profile**

The candidate must hold a Master's degree in Bioengineering, Biomedical Sciences or Pharmacy, Physics or Chemistry.

**Project description and experimental approaches**

The research project aims to investigate the importance of membrane lipid diversity and distribution for membrane curvature and cell deformation. The final aim is to understand how membrane lipid organization can be involved in some red blood cell diseases. The main approaches are biophysics, cell biology and cell imaging.

**Location and Languages**

- The laboratory is located in the outskirts of Brussels in a major University/Hospital center, with excellent communication facilities.
- Languages spoken include English and French.

**Selection criteria**

Selection criteria include strong motivation for basic research with a translational view as well as the ability to integrate into two research teams.

**Funding and Commitment date**

- Available 2 years and renewable.
- Commitment date: from October, 1st 2019.

**Project leaders**

- Promotor : Prof. Marie-Paule Mingeot-Leclercq (marie-paule.mingeot@uclouvain.be), FACM Unit, LDRI Institute
- Co-promotor : Prof. Donatienne Tyteca (donatienne.tyteca@uclouvain.be), CELL Unit & Cell and tissue imaging platform (PICT), DDUV Institute

**Application**

Please send your application to the persons mentioned above and include:

- the summary of your master thesis,
- your curriculum vitae,
- a cover letter.