



JOB OFFER

PhD POSITION in Biomedical and Pharmaceutical Sciences within the DDUV Institute

Profile

The candidate must hold a master's degree in medicine, biomedical sciences, biology or pharmacy, with honors.

Project description and experimental approaches

The research project aims to study GARP-mediated TGF-beta production, release and immunosuppressive activity in human tumors, as a mechanism of tumoral resistance to T-lymphocyte attack. The focus will be on the identification of GARP and GARP/TGF-beta expressing cells, markers of TGF-beta and immune/inflammatory activity, and their spatial and functional relationships in human tumors and healthy tissue samples. The project is carried out in collaboration with the team of Agnès Noël, GIGA INSTITUTE, ULiège. The main experimental approaches include basic cellular and molecular biology techniques, immunostaining, and analysis of digital microscopy images and high-throughput sequencing data.

Location and Languages

- The laboratory is located in the outskirts of Brussels in a major university/hospital center, with good transport 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 a research team.

Experience in cellular and molecular biology, as well as in histology, immunostaining and digital microscopy techniques will be appreciated.

Experience and/or interest in data science, including analysis of high-throughput sequencing data, digital image analysis and R programming, is an asset (local training available).

Funding and Commitment date

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

Project leaders

- Promotor: Prof. Sophie Lucas (sophie.lucas@uclouvain.be), GECE unit, de Duve Institute
- Co-promotor: Dr. Nicolas van Baren (nicolas.vanbaren@uclouvain.be), GECE unit, de Duve Institute

Application

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

- a motivation letter
- the summary of your master thesis
- your curriculum vitae

