



JOB OFFER

PhD POSITION in Biomedical and Pharmaceutical Sciences at UCLouvain, Brussels

This open position is within the de Duve Institute and Institut de Recherche Expérimentale et Clinique (IREC). The de Duve Institute is a multi-disciplinary and international biomedical research institute of the UCLouvain in Brussels.

Your mission

The research project aims to study the role of natural killer (NK) cells and cytolytic T lymphocytes in the selection of immune resistant variants in lung carcinoma. The candidate will investigate a series of tumour samples by several laboratory techniques, including immunostaining and genetic tests, will develop the bioinformatics tools to analyze the data, and will interpret the results in view of the clinical evolution of the patients and biological markers of their tumour.

Your qualifications and skills - Selection criteria

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

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

Interest in data science, including analysis of high-throughput sequencing data, digital image analysis and R programming, is required (local training available). Previous experience or training in bioinformatics will be a strong asset.

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

What we offer

Two-year PhD fellowship, renewable

Commitment date: from October-November 2020.

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.

Project leaders

Nicolas van Baren (nicolas.vanbaren@uclouvain.be), GECE unit, de Duve Institute.

Frank Aboubakar (frank.aboubakar@uclouvain.be), Pneumology Unit, Cliniques universitaires Saint-Luc and IREC, UCLouvain.

Interested?

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

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

