

A FULL-TIME DOCTORAL POSITION IN BIOMEDICAL FIELD

Projet de Recherche Télévie - Doctoral position (2 years renewable)

Université de Bruxelles (ULB) – Université de Namur (UNamur)

Job description

We are seeking a highly motivated candidate with a Master degree in Cell Biology; Biochemistry; Biomedical Sciences; Biophysical Sciences to conduct research in a starting Télévie project (funded by FRS-FNRS) related to “RNA modifications in Cancers”.

The aim of the current project is to characterize the role of RNA modification in cancers. This aim is in line with the intensive efforts in the field of epitranscriptomics and the study should provide a comprehensive view regarding the role of epitranscriptomics in cancer metabolism by means of innovative transcriptome-wide technologies and analyses of consequences on the biology of the cells. We will thus use a combination of RNA epigenetic profiling, *in vivo* experiments and validation in human tissues.

The project is based on a collaborative research programme between ULB (**Prof. François Fuks and Dr. Rachel Deplus**: Laboratory of Cancer Epigenetics) and UNamur (**Prof. Thierry Arnould**: Laboratory of Biochemistry and Cell Biology: URBC-NARILIS).

Qualifications requested

We are looking for a highly self-motivated, pro-active and creative Master student who can work in a transdisciplinary environment composed of physicist, biologist, chemist and physician and in 2 different laboratories. The candidate must be able to work independently, as well as demonstrate a strong commitment to the team-based work with strong organization skills.

The ideal candidate should:

- Hold a Master of Science degree in one of following disciplines: biomedical sciences, biochemistry, cell biology, biophysics
- Show proof of proficiency in French or English (or both), both in oral and written communication
- Be a team player who can work autonomously and who is able to meet deadlines
- Be willing to spend part of her/his time on the two collaborating labs and participation in workshops and conferences.

A good knowledge of epigenetics, high throughput data analyses, cell biology and holding a certificate in laboratory animal experimentation (FELASA B) will be considered as an asset.

Procedure

The position is for an initial duration of **two years**, renewable once (max: 48 months in total). The project will start **February 1st 2024**.

The candidates already in possession of a PhD are not eligible.

Further information on the project can be obtained by contacting Prof. François Fuks (francois.fuks@ulb.be) or Prof. Thierry Arnould (thierry.arnould@unamur.be)

If you are interested, the applicant will provide a motivation letter, curriculum vitae, a summary of previous research work / master thesis and the name and e-mail addresses of two reference persons by e-mail to Prof. Thierry Arnould (thierry.arnould@unamur.be) or Prof. François Fuks (francois.fuks@ulb.be) by **December 10, 2023 at the latest**. Selected candidates will be **interviewed at the end of December/beginning of January** for a start on February 1st, 2024.