



A Full-Time Post-doc Researcher Opportunity (M/F)

Position : INTERNAL / EXTERNAL RECRUITMENT

Department :

- Pôle d'Hépto-Gastroentérologie (Professor Isabelle Leclercq)-IREC (Institut de Recherche Expérimentale et Clinique), UCLouvain
- Laboratory of Biochemistry and Cell Biology (URBC) (Professor Thierry Arnould)-NARILIS (Namur Research Institute for Life Sciences), UNamur

Category : Post-doctoral position

Contract : 36 months (24 months + one year renewable)

Starting date : April 1, 2025

We are seeking a highly motivated junior postdoctoral associate to conduct research in a starting project entitled: “Development of natural nutritional ingredients effective against non-alcoholic fatty liver disease (NAFLD)”

The project is part of a collaborative proposal of the “WAGRALIM” pole funded by the Wallonia Region and led by “Ortis” company. The main aim of the project is to develop a natural solution (validated *in vitro* and *in vivo* in animal models) capable of preventing liver disorder (*metabolic dysfunction-associated steatotic liver diseases or MASLD, the new name of NAFLD*) and preventing or slowing its progression to advanced or even irreversible stages. This solution would contain plant extracts already well studied and used by the industrial partners, but for purposes other than MASLD, and/or unknown plant extracts not yet exploited by them, but for which pre-clinical and clinical trials reported in the literature have proved very encouraging. The mechanisms of action will be studied to propose more effective combinations of natural products.

Your profile

You hold a PhD for less than 5 years in the field of nutrition, biochemistry, cell biology, animal physiology or related fields and will have experimental expertise in one of these disciplines.

You will have a good knowledge in cell biology, cell signaling, obesity *in vitro* and/or mouse models, and expertise with acquisition and analysis of -omics data.

You are the first author of publications in peer-reviewed journals in fields related to the demand.

You are a self-motivated, audacious, creative and tenacious researcher.

You have strong communication skills; able to work independently. You demonstrate a strong commitment to team-based work with strong organization skills as you will work directly with technicians and the actors of the research program, and your research activity will span over two university campuses (UNamur and UCLouvain-Brussels).

Further information and contacts:

Prof. Thierry Arnould (thierry.arnould@unamur.be), Research Group Leader in Laboratory of Biochemistry and Cell Biology (URBC-NARILIS), Department of Biology, University of Namur.

Prof. Isabelle Leclercq (isabelle.leclercq@uclouvain.be), Pôle d'Hépatogastro-Entérologie IREC (Institut de Recherche Expérimentale et Clinique), UCLouvain

The salary applied in the University of Namur can be consulted on our website <https://www.unamur.be/universite/jobs/baremes>

How to apply:

The application will contain a detailed curriculum vitae with the list of your publications, contact addresses of three references and a letter of motivation and should be sent to Prof. Thierry Arnould (thierry.arnould@unamur.be) AND Prof. Isabelle Leclercq (isabelle.leclercq@uclouvain.be) by **February 15, 2025** at the latest. Selected candidates will then be interviewed in the last two weeks of February 2025.