

Postdoctoral scientist: Implementation of chrononutrition to tackle circadian disruption in the intestine of patients with obesity

Looking for a postdoctoral position that merges #strong science, # nutrition and # biological rhythms at a top-ranked university in the heart of Europe?

The Gut Peptide Research lab is recruiting a postdoctoral scientist to perform research in the framework of a European Horizon project SHIFT2HEALTH. This project investigates how shift-work related diseases such as obesity disrupt the cross-talk between circadian clocks and metabolic pathways in the gut that regulate homeostasis. We aim to study in human organoids how intermittent fasting or chronobiotics can restore this circadian misalignment which results in adverse health effects. Our research integrates state-of-the-art techniques ranging from RNA-sequencing to super resolution imaging and metabolic studies in 3D intestinal organoids obtained from obese patients.

The lab is integrated within the Translational Research Center for Gastrointestinal Disorders (TARGID) at KU Leuven (www.targid.eu) and benefits from the basic and clinical expertise within TARGID to implement top quality research in the field of gastroenterology, endocrinology and nutrition. This research project involves collaborations across multiple centers, and will provide opportunities for the candidate to broaden their network and to gain experience in translational research.

The laboratory is strongly international and the university offers a stimulating environment for researchers to achieve their ambitions and to plan their career development.

Responsibilities:

- Design and execute high-quality experiments
- Helping with data interpretation and playing a key role in publication of project results
- Closely collaborate and supervise PhDs, technicians and master students involved in the project
- Communicate research findings within the European consortium and at international meetings

Profile:

- PhD in biomedical sciences, bioengineering, biotechnology, pharmaceutical sciences, nutrition or related field
- Strong interest in fundamental mechanisms of disease
- Good academic performance at MSc and PhD level
- Published articles as first author
- Proficiency in written and spoken English
- Creative with a strong interest in innovation
- Able to integrate in an international working environment

Offer:

- Excellent guidance by a dynamic multidisciplinary team
- Support to submit and lead research proposals
- High level scientific training in a top-ranked university
- A 3-year position, with an initial contract of 1 year
- A challenging job in a dynamic and international environment

Please send your CV and motivation letter to Prof. I. Depoortere (inge.depoortere@kuleuven.be)
<https://www.kuleuven.be/personeel/jobsite/jobs/60317932>