

Full-time Postdoctoral Scientist position

at the ULB Center for Diabetes Research in Brussels

[ERC Funded project - Liver steatosis, obesity and diabetes](#)

SIGNAL TRANSDUCTION AND METABOLISM LABORATORY

Job description

The Signal Transduction and Metabolism Laboratory led by Dr Esteban Gurzov is seeking highly motivated post-doctoral researchers to explore the pathophysiological mechanisms contributing to the development of obesity and liver dysfunction. The successful applicant will join the ULB Center for Diabetes Research (www.ulbcdiabres.com), characterised by an impressive track record in research excellence.

Project description:

The project will take advantage of human iPSC, diabetes cell models, mouse models, pharmacological approaches and human liver specimens to determine the molecular mechanisms by which obesity drives the development of non-alcoholic steatohepatitis and insulin resistance and explore novel approaches for combating the development of diabetes.

The ULB Center for Diabetes Research provides a world leading environment for creative science. We foster research excellence and pursue discoveries in metabolic diseases, with experts working together in collaborative teams. **Come and join us!**

- We believe in a strong scientific commitment and reproducible findings to contribute to the way of thinking in diabetes research.
- Our vision is to translate fundamental science to the clinic by a collaborative effort between scientists, physicians and the industry.

Profile

- ✓ PhD in liver cancer biology and/or metabolism
- ✓ Experience in cell culture, molecular biology/genome editing (e.g. qPCR, CRISPR/Cas9 and RNAseq), immunohistochemical and biochemical techniques is essential
- ✓ Experience with mouse handling and experimentation is essential
- ✓ Experience with mouse models of obesity/diabetes will be advantageous

- ✓ Experience with iPSC culture and/or mass spectrometry will be advantageous
- ✓ The candidate should have demonstrable track record of research excellence and be capable of both work independently and collaboratively in a team
- ✓ Excellent organizational and time management skills
- ✓ Excellent skills in spoken and written English
- ✓ High motivation, flexibility as well as innovate and creative thinking are a must

Interested ?

Applications should be sent directly to egurzov@ulb.ac.be

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Salary : Approximately 2300 € after tax.

Duration: 1 year full time in the first instance.

Starting date: As soon as possible.

Deadline for the submission of applications: Positions open until filled