PhD Student

**ERC Funded project**

**Liver steatosis, obesity and metabolic dysfunction**

We offer a full-time position at the

Signal Transduction & Metabolism Laboratory.

Université libre de Bruxelles

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**Job description**

The Signal Transduction and Metabolism Laboratory led by Dr Esteban Gurzov is seeking highly motivated PhD students to explore the pathophysiological mechanisms contributing to the development of obesity and liver dysfunction. The successful applicant will join the ULB Faculty of Medicine (www.medecine.ulb.be), characterised by an impressive track record in research excellence.

**Project description:**

The project will take advantage of human iPSC, hepatic 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 explore novel approaches for combating the development of obesity-associated liver dysfunction.

**The Signal Transduction & Metabolism Laboratory** provides an international and 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 metabolic research.

- Our vision is to translate fundamental science to the clinic by a collaborative effort between scientists, physicians and the industry.

Profile

✓ Experience in cell culture, molecular biology/genome editing (e.g. qPCR, CRISPR/Cas9 and RNAseq), immunohistochemical and biochemical techniques will be advantageous
✓ Experience with mouse handling and experimentation will be advantageous
✓ Experience with mouse models of obesity/diabetes/liver dysfunction will be advantageous
✓ Experience with iPSC culture and/or mass spectrometry will be advantageous
✓ The candidate should 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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Starting date: As soon as possible.

Deadline for the submission of applications: Positions open until filled