

DOCTORAL THESIS IN DIABETES RESEARCH

INFLAMMATORY AND CELL DEATH SIGNALING GROUP

SIGNAL TRANSDUCTION AND METABOLISM LABORATORY

Description

We have a position available for a PhD student in the group of **“Inflammatory and Cell Death Signaling Group”**, lead by Prof. AK Cardozo at the Signal Transduction and Metabolism Laboratory (<https://www.stmlaboratory.com/inflammatory-and-cell-death-signalling-in-diabetes>). The STML is located at the Faculty of Medicine, Université Libre de Bruxelles (ULB), Brussels, Belgium. The ULB is one of the European leaders in the biomedical research and our laboratory has a highly dynamic research environment with teams dealing with the pathogenesis of metabolic diseases including type 1 (T1D) and type 2 (T2D) diabetes.

Our research is focused on the understanding of mechanisms leading to inflammation-mediated dysfunction and death of pancreatic β -cells in diabetes. Our strategy is to use genomics, proteomics and detailed signal transduction analysis in both *in vitro* and *in vivo* models of the disease. Our ultimate goal is to devise novel ways to prevent β -cell demise in diabetes.

Profile

We are seeking a talented and enthusiastic student to perform a PhD in Biomedical Sciences. Laboratory experience in immunology (flow cytometry), cellular and molecular biology and a certificate to work with mice are a plus. The candidate should have good command of spoken and written English. For more information regarding the PhD studies at the ULB please check the website (<https://www.ulb.be/en/your-phd>).

Interested ?

Applications including CV, names of two references and statement of future interests should be sent to Alessandra K. Cardozo (akupperc@ulb.ac.be).

Duration: 4 years full time.

Starting date: from October 2025

Deadline for the submission of applications: Position open until filled, feedback on the application will be given from September 2025

EURAXESS SPECIFIC INFORMATION

Main Research Field : Medical Sciences

Sub Research Field : Medicine

Required educational level: **Master in Medical, Biomedical sciences** or related (Degree Field – voir liste domaines EURAXESS)

Required Languages :

Français : (basic – good – excellent – native)

English : (basic – **good** –excellent – native)

‘autre langue’ : (basic – good –excellent – native)

Type of contract : temporary

Hours per week : 38

Required Research Experiences : (domaine – voir liste EURAXESS) : (nombre d’années d’expérience)

Researcher profile : **Early stage researcher (0-4 years)**

Experienced researcher - R3 (4 – 10 years) (vous pouvez laisser les 2 profils si vous le souhaitez)

Additional requirements :

[texte libre où l’on peut renseigner les domaines et disciplines non disponibles dans les listes Euraxess par exemple]