

# **Postdoctoral Researcher in Nuclear Receptor biology**

## **Description**

The Mouse Genetics in Inflammation Unit has a long standing interest in acute inflammation, such as we experience during SIRS (Systemic Inflammatory Response Syndrome) and sepsis. The unit is interested in the question what forms the basis of the lack of therapeutic response of Glucocorticoids (GCs) and the malfunction of the GC receptor GR during SIRS and sepsis, and how the new insights can be applied to come up with a workable GC therapy. The project is involving structural biology, metabolomics as well as transcriptional control and chromatin regulation.

## **Title of the project: Glucocorticoid Receptor dimerization in acute inflammation**

You will be working together with other postdoctoral researchers, PhD students and technicians in the Mouse Genetics in Inflammation Unit. You will have access to cutting edge technologies, including recombinant DNA, cell culture, gene and protein expression systems, RNAi technology, stem cells, RNASeq, CHIPSeq, transgenic and knockout mice, and flow cytometry. The research unit consists of enthusiastic people working in the field of inflammation and GR biology. The ambition to go into structural aspects of GR will be developed in the department in collaboration with structural biologists, newly hired in the department.

## **Profile**

The successful candidate has:

- a Ph.D. or M.D.
- advanced experience with immunological and inflammatory models, cell biochemistry, protein and RNA analysis, mammalian cell culture and cell transfections, immunofluorescence
- experience in immunity and inflammation research is an absolute requirement
- good publication record, excellent writing and reporting skills
- propensity to drive and focus to work at a highly competitive international level with full commitment to publish data
- preferentially background in structural biology or metabolomics

## **We offer**

- 2 years contract, with possibility of prolongation of another 2 year
- Start in 2016
- motivating scientific environment with a critical mass and several top core facilities (e.g. transgenic mouse core facility, SPF animal facility, microscopy and FACS analysis)

## How to apply?

[Apply](#)

Qualified and enthusiastic candidates are advised to apply online by clicking the "APPLY" button above.

Please do not forget to mention the contact details of two referees in the appropriate field of the online application form.

For any further information on this Postdoc position, you can contact Prof. Dr. Claude Libert (32-9-3313700) at [Claude.Libert@IRC.VIB-UGent.be](mailto:Claude.Libert@IRC.VIB-UGent.be)