

Call for applications for research fellowships in an international project on beta-cell imaging funded by the European Commission (Betalmage) in the

- **Laboratory of Experimental Medicine, ULB, Brussels, Belgium**
- **Department of Nuclear Medicine, Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands**

Position 1: Department of Nuclear Medicine, RUNMC, Nijmegen, The Netherlands

Applications are invited for a research position in the Department of Nuclear Medicine at the Radboud University Nijmegen Medical Center, directed by Prof. Wim JG Oyen. A PhD title can be obtained, but post-doctoral fellows are also welcome to apply. The selected scientist will participate in an international European project aiming at the development of novel beta-cell-specific tracers for *in vivo* imaging of beta cell mass in healthy and diabetic conditions. Experience in beta cell physiology as well as beta cell transplantation and animal models of diabetes is desirable. Experience in imaging techniques and tracer labeling are considered a plus but this experience can also be obtained within the project. This 2-4-year research position starts in October 2008 and the position will remain open until a suitable candidate is found.

Please e-mail a letter of interest, curriculum vitae (including publication list) and the name of 2-3 reference persons to:

Prof. Dr. Martin Gotthardt, MD PhD (coordinator Betalmage)
M.Gotthardt@nucmed.umcn.nl
Department of Nuclear Medicine
PO Box 9101
6500 HB Nijmegen
The Netherlands

Brief description of the position:

The research of the department is focused on development and clinical application of new radiolabeled drugs for diagnosis and treatment. The research team includes biologists, chemists, physicists, and physicians. The research fellow will be responsible for labeling of biomolecules with radionuclides and characterization of the tracers under different metabolic conditions in *in vitro* and *in vivo* models of diabetes, including immunohistochemistry, beta-cell transplantation, and imaging procedures (PET, SPECT, optical imaging, CT). This work will mainly contribute to the work packages 2 and 3 of Betalmage ("Tracer Development" and "Tracer Characterization"). The research fellow will not only closely cooperate with other researchers in the department but also with researchers from the 10 partner institutions of Betalmage.

Position 2: Laboratory of Experimental Medicine, ULB, Brussels, Belgium

Applications are invited for a postdoctoral position at the Laboratory of Experimental Medicine at the Université Libre de Bruxelles, Brussels, Belgium, directed by Prof. Decio L. Eizirik. The selected Post-Doctoral Fellow will participate in a project aiming to identify beta-cell specific biomarkers via a Systems Biology approach with a major focus on imaging beta cell mass in healthy and diabetic conditions. A solid background in cell biology and bioinformatics is required, while experience in physiology, beta cell biology or histochemistry are considered as a plus. This 2-4-year postdoctoral position starts in October 2008 and the position will remain open until a suitable candidate is found.

Please e-mail a letter of interest, curriculum vitae (including publication list) and the name of 2-3 reference persons to:

Dr. Daisy Flamez
Daisy.Flamez@ulb.ac.be
Laboratory of Experimental Medicine
Faculty of Medicine
Université Libre de Bruxelles
Brussels, Belgium

Brief description of the position:

The Postdoctoral Fellow will identify and validate potential beta-cell specific biomarkers in *in vitro* and *in vivo* models of diabetes. A strong background in bioinformatics, cell biology and physiology is required; knowledge of beta cell biology is a plus. The funding source for the fellowship is the EU Project BetaImage, PI: Prof. Martin Gotthardt, on the imaging of beta cell mass and diabetes. The selected Postdoctoral Fellow will work on work package 1, "Target Definition: identification of new candidate biomarkers for beta-cell imaging by a genomic Systems Biology approach», coordinated by Prof. Decio L. Eizirik.

Application deadline and start date for both positions:

Applications are accepted until the position is filled. Starting date is October 2008. Selected candidates will be invited for an interview.

Contact details:

Dr. Daisy Flamez
Daisy.Flamez@ulb.ac.be
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Faculty of Medicine
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