**POST DOC POSITION on REPORTER GENE IMAGING IN SONGBIRD BRAIN**

A Post Doc position in songbird neurology is available from April 2007 in the Bio Imaging Lab at the University of Antwerp.

The Research in the Bio Imaging Lab is focussing on in-vivo neuro MRI (Magnetic Resonance Imaging) of animal models for neurodegeneration (rat and mice models for Alzheimer, Parkinson, Huntington Disease..etc) and neuroregeneration for which the songbird brain is a superior model (adult neuroplasticity and neurogenesis).

The project aims at achieving in-vivo visualisation and quantification of adult neurogenesis in the canary brain under variable circumstances (seasonal and hormonal changes, input of growth factors etc..). Within this project the imaging tools will not be limited to in-vivo MRI, but will be complemented by in-vivo Bioluminescence imaging and ex-vivo Fluorescence imaging and Immunohistochemistry for validation of the in-vivo tools.

A successful applicant should have a PhD in Biomedical, Biological or Bio-Molecular Sciences or related, preferentially in the field of neurogenesis or with knowledge of optical imaging tools (FLI, BLI), good communication skills to interact in different research fields, determined to reach the proposed aims and not scared of learning new cutting edge imaging techniques.

The PostDoc position is for 24 months. The position is based in the University of Antwerp (Antwerp, Belgium) but offers the opportunity to visit and collaborate with research groups from KULeuven, Max Planck Institute in Munich and LUMC in Leiden.

Please send your application, which should include your CV, motivation and the contact information of two references to Prof. Dr. Annemie Van der Linden.

Review of applications will begin asap and will continue until the position is filled. For more information on the activities of our researchgroup please consult our website: [http://webhost.ua.ac.be/biomag/](http://webhost.ua.ac.be/biomag/)

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