



PhD position available in the Laboratory of Cardiology, GIGA-Cardiovascular Sciences

The Laboratory of Cardiology, GIGA-Cardiovascular Sciences Research Unit, University of Liège, Belgium (https://www.gigacardio.uliege.be/cms/c_4212106/fr/portail-gigacardio) is searching for a PhD student. The position will be available from the 1st of January 2020 for a full-time **4-year contract**.

The Laboratory of Cardiology offers a challenging position in a dynamic team, working at the forefront of new and innovative technologies for cardiovascular patient's benefit. The PhD candidate will have the opportunity to build up some strong experience in the framework of a PDR-THEMA project funded by the Belgian Funds for Scientific Research.

You will be a key player in the success of our Heart Valve research program. This is a high impact career growth opportunity, working side by side with the two promoters, leading experts in thrombosis and hemostasis (**Cécile Oury, PhD**, President of the Belgian Society on Thrombosis and Hemaostasis) and heart valve diseases (**Patrizio Lancellotti, MD, PhD**, President of the Belgian Society of Cardiology).

Project summary: The PLACAS study

Calcific aortic stenosis (AS) is the most frequent valvular heart disease, affecting 3-7% people over 65 years and up to 13% over 75 years. There is currently no pharmaceutical means that prevent or halt disease progression, the only treatment being aortic valve replacement (AVR) either surgical or transcatheter.

The PLACAS study aims at providing a first thorough characterization of platelet phenotype in AS patients during disease progression, as well as before and after AVR. The use of an antiplatelet drug in a rabbit model of aortic valve calcification will then enable us to assess whether targeting platelets is a valuable therapeutic approach in AS.

The results of this study is intended to have a major impact for AS patient risk stratification and therapeutic management.

Profile

Master Degree in Biology, Biochemistry, Bioengineering, or Biomedical Sciences.

If this opportunity is matching your profile and you are looking for a new challenge, please do not hesitate to forward your CV with a cover note detailing your experience and motivation to:

Cécile Oury (cecile.oury@uliege.be)