



**Research discipline:** *Cardiac imaging*, i.e. cardiac motion and deformation imaging using ultrasound and tagged MRI

**Research environment:** The Lab on Cardiovascular Imaging & Dynamics is part of the department of Cardiovascular Sciences (<http://gbiomed.kuleuven.be/english/research/50000635/index.html>) of the University of Leuven ([www.kuleuven.be](http://www.kuleuven.be)) and is located within the Medical Imaging Research Center ([www.medicalimagingcenter.be](http://www.medicalimagingcenter.be)) of the University Hospital Gasthuisberg ([www.uzleuven.be](http://www.uzleuven.be))

**The project:** The research activities are bi-fold:

- i) Large animal experiments in order to experimentally validate a novel echocardiographic method to quantify myocardial contractility non-invasively
- ii) Acquisition and analysis of tissue-Doppler data acquired in a multi-center observational trial

## Profile:

Medical doctor, veterinarian or master in biomedical sciences.  
A background in cardiology, cardiac imaging and large animal experiments are assets.

**Position:** We offer a 1 year fellowship covering a salary and full health insurance.

**Start date:** January 1<sup>st</sup> 2014 (but can be discussed)

**Deadline for application:** December 10<sup>th</sup> 2013

**More info:** [jan.dhooge@uzleuven.be](mailto:jan.dhooge@uzleuven.be)  
[piet.claus@uzleuven.be](mailto:piet.claus@uzleuven.be)  
[frank.rademakers@uzleuven.be](mailto:frank.rademakers@uzleuven.be)

(+32.16.34.90.12)

(+32.16.34.90.17)

