We are hiring

Open positions for MSc and PhD candidates in the faculty of Biomedical Engineering to the lab of Katrien Vandoorne - In vivo Multi Scale imaging

Are you craving for a scientific adventure? Are you excited about Science? Positions are open to outstanding and dedicated doctoral and master students with great taste for scientific adventure. Preference will be given to individuals from the Biology, Medicine and Biomedical Engineering Department or to those with background in the following fields: immunology, medicine, imaging, optics (from physics or engineering) and chemical engineering. We are welcoming applications for post-doctoral research fellowships with similar background as mentioned above.

Our laboratory focuses on understanding and visualizing the complex biology of inflammation by building multimodality imaging tools in cardiovascular disease animal models. Our goal is to build imaging tools visualizing immune-vascular interactions altered during cardiovascular disease in time, space and local environments. Understanding these changes noninvasively in the complex context of disease development may give rise to new diagnostic optical/PET/CT/MRI imaging approaches and can further reveal new molecular and cellular targets not otherwise visible in traditional ex vivo studies.