OPEN POSITION: GIGA – Imaging Platform (Liège, Belgium)

A full-time logistician in microscopy and image analysis (core facility staff)

Full time 5 years fixed-term contract

Deadline for applications: November 3rd

Starting date: end of November

- This logistician should collaborate closely with biomedical researchers, in collaboration with the GIGA Cell Imaging platform, for experimental planning and design: **optimize their sample preparation procedures and their image acquisition protocols in order to minimize acquisition bias and artefacts and ease reproducible morphometric quantification.**
- Maximize the use of existing image quantification software (including Imaris, Arivis Vision4D, Cytomine, ImageJ, FIJI, ...) by coordinating software installation, configuration and maintenance;
- Implement image format conversion tools to ease image storage and sharing;
- Implement additional quantification software modules to answer specific biomedical questions (create plug-ins to address specific questions);
- Write protocols and documentation for end-users to describe quantification workflows, pipelines, platforms.
- Organize training sessions on basic image analysis principles and software.
- Organize workshops on advanced topics to foster sharing of knowledge between
biomedical experts and computer scientists.

- Offer daily imaging data analysis consultation and services for users of the Cell imaging GIGA platform.
- Act as an interface between biomedical researchers and computer scientist researchers.
- Contribute to the submission of national/international research projects that involve biomedical image acquisition and analysis.

The logistician should:

- Have a Master or PhD degree in Computer Engineering, Computer Science, Bioinformatics, Science or Applied Physics/Mathematics.
- Have experience or very strong interest in image analysis and data management;
- Have experience in biomedical cell imaging;
- Have experience with epifluorescence, confocal or lightsheet microscopes
- Be creative, pragmatic, autonomous, and user and result oriented;
- Have excellent interpersonal and collaborative skills to collaborate both with biomedical researchers and computer scientist researchers;
- English is mandatory, French is an asset.

The logistician will act as an interface between all groups. The logistician will have direct access and contact to the GIGA Cell Imaging Platform (Dr. Sandra Ormenese) and the GIGA Immunohistochemistry platform (Dr. Chantal Humblet).

The laboratory belongs to the GIGA Research Institute (Grappe Interdisciplinaire de Génoprotéomique Appliquée, http://www.giga.ulg.ac.be/, about 600 researchers). The GIGA is a unique research center offering up-to-date and centralized technological platforms (Cell imaging and immunohistochemistry core facilities, animal facilities (Mouse and Zebrafish), transgenics, genomics and proteomics platforms, see http://www.giga.ulg.ac.be/cms/c_5594/fr/plateformes
For further information regarding the equipment available in the GIGA-Imaging platform, please check http://www.giga.ulg.ac.be/cms/c_18283/fr/imaging-accueil-services

An intravital multiphoton microscope will be also available in the GIGA Institute from November 2017.

The GIGA/ULg computing infrastructure is composed of a grid computing environment (~500 computing nodes/3500 cores) and a mass storage facility (~1000TB).

Deadline for application: November 3rd. Successful candidate will be offered a **full time 5 years fixed-term contract**. Starting date: end of November.

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 to: Sandra Ormenese (Sandra.Ormenese@ulg.ac.be) and Sandrina Evrard (rh.giga@ulg.ac.be), with the subject heading «GIGA Imaging Platform / Logistician in microscopy and image analysis».