**A position of a light microscopy engineer is available in the cooperative laboratory ABIVAX-CNRS at Imaging Plateforme MRI (Montpellier RIO imaging)**

The appointment will be full time on the French Public- Private Scientific and Technical Research Institution IE grade initially for 36 months.

The cooperative laboratory ABIVAX-CNRS aims to develop its antiviral discovery plateform. ABIVAX is an innovative biotechnology company focused on targeting the immune system to eliminate viral disease. ABIVAX is advancing multiple preclinical candidates against viral targets (i.e. HIV, Chikungunya, Ebola, Dengue) and several of these compounds are planned to enter clinical development within the next 18 months. Many of the cooperative laboratory activities rely on cutting edge imaging techniques. To foster, enrich and accelerate its research, the cooperative laboratory seeks the help of an engineer specialized in Image Analysis for Life Sciences. The position is for a \*ABIVAX-CNRS engineer\*, 3-years fixed term until end of Mars 2020. It involves Service and Development activities. Importantly, a strong feature of the cooperative activities involve the generation of very large images. The candidate is expected to help researchers with the challenges of large images manipulation, analysis and processing.

The cooperative laboratory is located on the “campus CNRS Route de Mende” in Montpellier, which represents an exceptional scientific, academic and industrial environment and largely favors collaborations and technology transfer. The service activity of the Imaging platform (MRI) is tightly interwoven with the scientific activity of Montpellier Biocampus and that of the broader scientific community.

The successful candidate will be in charge to implement with the help of MRI staff, High-content imaging methods and to apply them to viral Ribonucleoprotein complexes to monitor the localization of viral RNA by smiFISH (single molecule inexpensive Fluorescent In Situ Hybridization), a methodology developed by E. Bertrand team at IGMM. The RNPs associated with viral RNAs will be identified by immunofluorescence, using validated antibodies, on High-Content Imaging System

The candidate is expected to have a Master’s degree in Life Sciences or Engineering and an experience of using advanced light microscopes and image processing software in biomedical research. The successful candidate must be familiar with the theoretical and practical aspects of light microscopy (optics) and of image processing.The successful candidate must possess excellent communication skills and must be fluent in English. French language will be a considerable asset.

**The candidates should send their application to Pr. Jamal Tazi (jamal.tazi@igmm.cnrs.fr) with Curriculum Vitae, a cover letter detailing their motivation and contact details of their referees.**

 **The position will remain open until filled; however applications received by end of January, 2017 will be given priority.**