

Training Opportunity for Portuguese Graduates

Title	Duty Station
Automate registration of 3D data (Schwab Team_2)	EMBL Heidelberg/Germany
Domain of activity and project	
Automate registration of 3D data acquired by diffespecialises in Correlative Light and Electron Micro light microscopy (widefield or confocal) to locate a Electron Microscopy (EM) sample. This requires se microscopy to MicroCT and MicroCT to EM. All for combined to give a 3D picture of a biological samp process of registering a 2D image into the 3D data	scopy (CLEM), whereby we use data acquired by a region of interest (ROI) within an opaque everal stages of registration of data in 3D, light rms of our data are a series of 2D images that are ple. This project would focus to automate the
Required education	
IT, computer vision, image analysis.	
Knowledge, skills and any special requirement	nts
The graduate would need to be able to understan apply solutions. Programming skills would be esse explore new softwares/solutions would be a great alike.	ential and the instincts to take initiative to
Training opportunity for the Graduates	
The Schwab Team has a diversity of skills to share within the field of Electron Microscopy (EM) and Cell Biology. The team focuses on developing techniques to assist Correlative Light and Electron Microscopy (CLEM) and can provide extensive support on the topic. The graduate would be involved in the everyday activities of this development whilst following their own complex project.	
Further information (website)	