

Training Opportunity for Portuguese Graduates

Title	Duty Station
Development of tissue imaging microscopes components (Prevedel group)	EMBL Heidelberg/Germany
Domain of activity and project Development of tissue imaging microscopes components. Depending on the interest/background this work can have strong focus on mechanical or optical engineering or programming of hardware and software.	
Required education Engineering or technical	
Knowledge, skills and any special requirements Ideally some prior knowledge in physics/optics. Good command of programming languages (e.g. Matlab, Python, LabView or Solidworks etc.).	
Training opportunity for the Graduates The graduate will get trained in novel microscopy techniques as well as their application to imaging biological samples such as single cells, multicellular organisms or living mice. On the way the student will learn optics, programming, simulation and instrument design.	
Further information (website) https://www.embl.de/research/units/cbb/prevedel/index.html	