

Training Opportunity for Portuguese Graduates

Call for applications 2019

Title	Duty Station
Computational Neuroscience (Epigenetics and Neurobiology Unit, Asari group)	EMBL Rome/Italy
Supervisor name and function Hiroki Asari, Group Leader	
Domain of activity and project Computational Neuroscience (machine learning), Neurophysiology (opto-/electro-physiology, neuro-imaging)	
Required education Engineering (Electrical), Technical (Physical/Mathematical Science), or IT (Computer Science).	
Knowledge, skills and any special requirements You have: <ul style="list-style-type: none"> - Broad knowledge and strong interest in neurobiology research - Good programming skills (e.g. C, Python, Matlab, R, LabView) - Excellent communication, teamwork, and interpersonal skills with highest ethical standards - Fluency in English (written and spoken) You may also have: <ul style="list-style-type: none"> - Experience in neurobiology research - Experience in embedded systems programming (e.g. FPGA, Arduino, Teensey, Raspberry Pi) - Knowledge in statistical/Bayesian/machine learning and information theory 	
Training opportunity for the Graduates Students will have an opportunity to learn how to address questions in systems neuroscience using a variety of cutting-edge techniques, including electro-/opto-physiological and/or computational tools. A major task will involve statistical data analyses on neuronal activity recorded in electro-/opto-physiological experiments, and computational modelling to better understand the principles underlying neuronal circuit functions. For details, please contact Hiroki Asari by email: asari@embl.it	
Further information (website) https://www.embl.it/research/unit/asari/index.html	