



Date of publication December 18, 2017

Job title Research assistant (part-time)

Job description

We are seeking a research assistant to work on computational models of immune system regulation, from both the molecular (signaling) and cellular (T- and B-cell cross-regulation) levels, within the context of the autoimmune response underlying multiple sclerosis. The models will be informed and constrained by experimental data, and will be expected to provide experimentally testable predictions.

Project and Institution that finance the contract

This contract is being financed by the *Red Española de Esclerosis Múltiple*, supported by the Instituto de Salud Carlos III and the European Regional Development Fund (ERDF / FEDER), with project number RD16/0015/0017.

Minimum requirements

- The candidate should be in possession of a BSc/MSc degree in physics, mathematics, biomedical engineering, or equivalent.
- Programming knowledge of Python and/or C/C++ is required.
- Communication skills in English (writing and oral) are also necessary.
- Some research experience in dynamical systems modeling is desirable.

Benefits of the opening

The selected candidate will receive a one-year part-time contract, renewable up to 18 additional months, with a gross salary/year of 11,400€ plus Social Security costs.

Application process

Candidates should submit an application containing a motivation letter, CV, and the contact details of two references, to Jordi Garcia Ojalvo (jordi.g.ojalvo@upf.edu).

Application deadline: January 12th, 2018