<table>
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<th><strong>Date of publication</strong></th>
<th>December 18, 2017</th>
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<tr>
<td><strong>Job title</strong></td>
<td>Research assistant (part-time)</td>
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**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](mailto:jordi.g.ojalvo@upf.edu)).

**Application deadline:** January 12th, 2018