

## **Postdoctoral Fellowship**

A **Postdoctoral Fellowship** in Chemistry is available at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa ([www.polymat.eu](http://www.polymat.eu)) for a period of 15 months.

Applicants must have a PhD (or equivalent) in Computational Chemistry of Biomolecules with extensive and proven research experience in code development within the Gromacs Simulation Package. The work will concentrate on implementing the Hamiltonian-Replica Exchange method, and developing suitable soft-core potential functions for the different replicas, in Gromacs. This will be done to improve sampling of configuration space as well as for calculating efficiently protein-ligand binding affinities.

Good command of written and spoken English is a must (if preselected, a telephone interview will be carried out before any other appointment is made). The selected candidate is expected to conduct research, write reports, and papers.

Applications should be addressed to Prof. Ronen Zangi and sent via email in one single PDF to [r.zangi@ikerbasque.org](mailto:r.zangi@ikerbasque.org) before the 25<sup>th</sup> of October 2017 (applications will be considered upon arrival) including:

- (i) a cover letter highlighting their interest in the position.
- (ii) curriculum vitae.
- (iii) a description of previous research (1-2 pages).
- (iv) the names and contact addresses (e-mail) of two academic referees.

Please note that *because of the large number of applications expected*, we will not be able to give individual *feedback* to unsuccessful applications.