



Applications are invited for several positions in the Experimental Bioinformatics Laboratory, a joint initiative between the Institute for Research in Biomedicine (IRB) and the Barcelona Supercomputing Center (BSC), located in the campus of the Barcelona Science Park (PCB). The IRB is one of the premier institutes in the emerging biomedical research environment of Barcelona. It brings together 25 research groups and fosters multidisciplinary research on Oncology, Developmental Biology, Molecular Medicine, Chemistry and Structural & Computational Biology (<http://www.irbbarcelona.org>). The BSC is one of the leading supercomputer Centers in the world, hosting *MareNostrum*, the most powerful computer in Europe, and fosters very active research programs in Computer, Earth and Life Sciences (<http://www.bsc.es>). Together with the PCB, our institutes host research groups from both the public and private sectors and offer outstanding core facilities and an optimal setting to perform state-of-the-art research.

INSTITUT
DE RECERCA
BIOMÈDICA

2 Postdoctoral positions in Molecular Biology and Biophysics (ref. LAB/07/08)

The post holders will be involved in research projects devoted to characterization of physical characteristics of DNA and its role in chromatin function. Initial projects will be focused in the study of nucleosome positioning and distribution of regions of nucleic acids with anomalous structural or physical properties. This research aims to understand hidden regulatory codes that can be eventually used to manipulate gene expression.

CANDIDATE PROFILE

- PhD, or equivalent in molecular or cell biology
- Good communications skills
- Experience in state-of-the-art molecular biology techniques
- Familiarity with large-scale methodologies will be an asset
- Familiarity with biophysical techniques will be an asset.

WE OFFER

- Initial two-year contract with possibility of extension
- Remuneration depending on the experience and qualifications of the applicant

HOW TO APPLY

Applications should be addressed to Dr. Modesto Orozco (marga@mmb.pcb.ub.es) and should include a full CV, list of publications and the names of two potential referees.

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