



Fundación Biofísica Bizkaia
Biofisika Bizkaia Fundazioa

FUNDACIÓN BIOFÍSICA BIZKAIA / BIOFISIKA BIZKAIA FUNDAZIOA

OFFER – PhD Student position

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Fundacion Biofisika Bizkaia (FBB) is a center of excellence on an international level with the main aim of promoting a multidisciplinary program in the field of Biophysics and its application in the areas of Biotechnology and Health, focusing all its resources in Instituto Biofisika Institutua (UPV/EHU, CSIC).

Description of the project and position offered

The Theoretical/ProtoCell Biophysics group led by Prof. Kepa Ruiz Mirazo at the Biofisika Institute/Fundación Biofisika Bizkaia (IBF-FBB) is looking for a predoctoral researcher to work in the field of metabolic network modeling under the supervision of Dr. Daniele De Martino.

The researcher will learn to apply forefront statistical methods [1] to quantitatively model state-of-the-art enzymatic flux measurements of eucaryotic metabolism [2].

[1] D. De Martino et al., Nature communications 9.1 (2018): 1-9

[2] J. Saldida et al., BiorXiv (2020), doi: <https://doi.org/10.1101/2020.06.29.177063>

He/she will join the IBF-FBB, a Basque Research Centre of Excellence whose objective is to pursue excellent research in the field of biophysics and to educate young scientists according to international quality standards. Apart from the specific project on cell metabolism, the researcher will be given the opportunity to interact and collaborate with scholars at IBF-FBB working on several exciting topics of research ranging from the origin of life to the biophysics of the embryogenesis. The candidate shall have exceptional theoretical and computational skills, as testified by a recently (or close to be) completed master degree in a scientific subject with a theoretical/computational background, and a strong motivation to use these skills to pursue biological problems, independently of any previous research experience in biology. The position will be fully funded for 12 months and the researcher will be strongly supported in his/her applications for a full PhD fellowship.

Education and Experience Required

We are looking for students with a Master degree in a STEM subject (Science, Technology, Engineering and Math).

Contact: Applicants are encouraged to send the next documentation through the Biofisika website contact page (<http://biofisika.org/contact/>), adding the following subject: [*Job Application: 79DDMartinoPhD*]

1. Curriculum Vitae
2. Reference letters (if possible)

Deadline: March 28, 2021

* Please note that due to the large number of applicants expected, it will not be possible to communicate the evaluation results to all the candidates.