

**Bachelor or Master student project
in the group 'Evolutionary Processes Modeling' at the
Centre for Genomic Regulation (CRG), Barcelona, Spain**

We are looking for a Master or Bachelor student to join the 'Evolutionary Processes Modeling' group for their thesis work or a training internship. We use computational analysis of sequencing data together with population genetics predictions and statistical modeling to answer questions about mutational processes and selective pressures in cancer tumors.

The project:

We are developing a deep learning tool to classify tumors based on their mode of expansion and levels of heterogeneity. The candidate will contribute to developing the computational pipeline and to analyzing the results.

The candidate:

You should have a background in bioinformatics, mathematics, physics, computer science or a related discipline. Experience with modeling, statistical analysis and/or machine learning is a plus. You must be able to program in python.

The offer:

Contract duration: Up to 9 months and should end by October 2023.

Salary: The student will have a training contract and the salary will be up to 900 € per month.

Application procedure:

Please send a CV and motivation letter to Dr. Donate Weghorn (dweghorn@crg.eu) and Dr. Verónica Miro (veronica.miro@crg.eu).