PhD student in the **Computational RNA Biology** group

Date limit: December 15th, 2022.

Institution: Universitat Internacional de Catalunya (UIC). Sant Cugat del Vallès, Barcelona (Spain).

Group description

The main aim of the **Computational RNA Biology lab** is to understand RNA biology by using computational strategies. By combining computational approaches, high-throughput structure probing techniques and molecular biology experiments, my lab is expected to create a wealth of original information by unravelling novel, unexpected functions for RNAs from different species.

We are interested in:

- Investigating the relationship between RNA structure and function, considering the RNA structure dynamics.
- Understanding the evolution of non-coding RNAs from different species.
- Integrating multi-omics approaches for study non-coding RNAs in cancer diagnosis and therapy.

Position description

The group is looking for a highly motivated PhD student to work on **Computational RNA Biology**. The project will focus on the use or the development of **computational approaches** to answer relevant biological questions in the context of the **evolution, structure and function of RNAs**. The successful candidate will complete a PhD and actively participate in research design, analyses, and interpretation of experimental data. Moreover, the candidate will also be involved in applying computational models integrating clinical data to develop better cancer diagnosis and therapy.

Priority will be given to highly motivated candidates who aspire to develop their careers in computational RNA Biology. Apart from research, the position requires teaching duties.

Our lab is **just starting** (January 2023), so we will learn from each other and grow together.

Qualifications:

- Recently graduated or about to finish a Master's Degree in Bioinformatics, Computer Sciences, Biomedicine, Biology or similar.
- Programming skills in python or similar. Experience in UNIX/LINUX environments.
- Interested in teaching and fluent in English.

Application

We offer a **fully-funded contract (4 years),** and candidates should submit the following:
- a brief CV
- a letter of motivation

to Uciel Chorostecki (ChorosteckiLab (at) gmail.com).

More info at **ChorosteckiLab.github.io**