

PhD student in CDK/cyclin interaction: Experimental lab work and Bioinformatics

Objective

Applications are invited for the position of a PhD student, working under the shared supervision of Josep Clotet, Javier Jimenez and Bernhard Knapp in the Department of Basic Sciences, Faculty of Medicine and Health Sciences, UIC University, Barcelona, Spain.

The position will be combination of bioinformatics research and experimental lab work in the field of cancer molecular biology and particularly on cyclin-dependent kinase (CDK) and cyclin interaction. Cyclins have traditionally been implicated in cell cycle progression or transcription regulation, and are known to be deregulated in cancer. The research project of the student will focus on the pairing and characterisation of CDK/cyclin combinations using a wide range of bioinformatics as well as experimental techniques.

Requirements

- **BSc and MSc** in a biological field (e.g. molecular biology, biochemistry, biotechnology, bioinformatics, etc).
The average of all marks of the bachelor and master should be better than **0.75** (on a normalised scale of 0 (worst) to 1 (best)). Please separately state your average mark for your bachelor and master in your CV (and show supporting documents as an attachment).
Applications **not containing this information for the BSc or the MSc cannot be considered**. Unfortunately, also applicants without a master degree (or who already hold a PhD) cannot be considered
- First experience and/or strong interest in Bioinformatics (e.g. a BSc in biology and a MSc in bioinformatics)
- Basic programming skills (e.g. Python, R, Matlab or Java)
- Ability and willingness to teach about 10 ECTS credits per year (in English and ideally also in Spanish)
- Strong analytical skills, creativity, curiosity, enthusiasm, and ability to work in a team
- Excellent command of the English language

Offer

- The successful candidate will start his/her work in an exciting project in interface between bioinformatics and experimental lab work
- Access to high performance computers is available
- Funding to go to conferences is available
- The successful candidate can start as soon as possible

Application documents

- 1) CV

- 2) Publication list (if existing) including journal impact factors
- 3) Letter of motivation (short, max 1 page)
- 4) Contact details of 2-3 references

Application process:

Before you apply please keep in mind that common reasons for not being invited for an interview are: not fulfilling one or multiple of the requirements, not following the application guidelines, generic copy & paste applications, low level of English, and/or missing of the deadline.

Please apply to:

bnkapp@uic.es

Applications will be reviewed continuously on a 'first come first served' basis and as soon as an appropriate candidate is found the position will be closed. However, the call will close latest by the 9th of September 2018.