

**Master « Sciences, Technologie, Santé »**  
**Mention « In Silico Drug Design »**  
**Second Year**



**OFFER AN INTERNSHIP**  
**Academic Year 2011 – 2012**

Send to Mrs Pr Camproux :

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Name of the head of laboratory or company: BARCELONA SUPERCOMPUTING CENTER

Address : Jordi Girona 29, 08034 Barcelona, Spain

E-mail :

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**Name of training supervisor: Juan Fernandez Recio**

Phone number : +34 934137729

Fax :

E-mail : [juanf@bsc.es](mailto:juanf@bsc.es)

Specialty training : Research  Professional

a few key words to describe the subject of training : Protein-protein interaction

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**Title of internship:**

Modelling of CDC25 interaction with CDK2-CycA

this subject is a first step towards a thesis: Yes (perhaps)

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**Short texte describing your project**

Modelling of CDC25 interaction with CDK2-CycA, applying a variety of state-of-the-art computer tools for protein-protein docking, binding site and hot-spot prediction, etc. The final goal will be design of possible inhibitors of the interaction. The student will need to develop and put in practice many of the tools learned during the Master.

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