



## **POSTDOCTORAL POSITION AT THE CRBM MONTPELLIER-FRANCE**

### **Characterization of New Greatwall Substrates**

2 Years postdoctoral position funded by the Labex EpiGenMed is available in the laboratory of T Lorca/A Castro (<http://www.crbm.cnrs.fr/spip.php?rubrique103>) at the CRBM, Montpellier. The laboratory is focused on the study of the mechanisms controlling mitotic division and in particular on the role of kinases and phosphatases in this process. We have recently identified a new pathway involving the Greatwall kinase and the phosphatase PP2A that plays an essential role in the control of mitotic division (Vigneron et al. EMBO J 2009, Burgess et al PNAS 2010). We have subsequently identified the two first substrates of Greatwall, the proteins Arpp19 and ENSA that when phosphorylated by this kinase bind and inhibit PP2A (Gharbi-Ayachi et al Science 2010). Our present project is focused in the identification of new substrates of Greatwall that could participate in the control of phosphatases during mitosis or in other phases of the cell cycle.

#### **Qualifications**

Applicants should have strong experience in either biochemistry or live-cell imaging. They are expected to work autonomously but to collaborate with the other group members. They should also have one or more first-author publication(s) in major peer-reviewed international journal(s) as well as a good knowledge of the English language.

#### **How to apply**

Highly motivated candidates can send by e-mail to Dr. Thierry Lorca ([thierry.lorca@crbm.cnrs.fr](mailto:thierry.lorca@crbm.cnrs.fr)) and to Dr. Anna Castro ([anna.castro@crbm.cnrs.fr](mailto:anna.castro@crbm.cnrs.fr))

- A detailed letter of motivation
- Your C.V. with the detail of your publications
- The names and contact details of three referees including current/last employer

