



Barcelona  
Biomedical  
Research  
Park



**A PREDOCTORAL position is available  
in our group.**

**Francesc Posas and Eulàlia de Nadal**

**PRBB. Universitat Pompeu Fabra**

Dr. Aiguader 88. Barcelona, 08003 (Spain)

**Websites:** <http://www.prbb.org>  
<http://www.upf.edu/cellsignaling/>

All organisms have sophisticated mechanisms to respond to environmental stress. Cellular stress results in activation of a conserved family of SAPKs (stress-activated protein kinases), which include the mammalian p38 and the yeast Hog1. We are interested in studying how and by which mechanisms the SAPKs regulate cellular adaptation to stress by controlling gene expression, translation and cell-cycle progression.

**SELECTED REFERENCES:**

**EMBO J.** 29, 4–13 (2010), **Science Signal.**, 2(63):ra13 (2009), **EMBO J.** 28(4):326-36 (2009), **Mol Cell Biol.** 27(11):3900-10 (2007), **Trends Cell Biol.** 17(12):571-4 (2007), **EMBO J.**, 25 (11):2338-46 (2006), **Molecular Cell**, 23:241-250 (2006), **Nature**, 427 (6972):370-374 (2004), **Nat. Cell. Biol.**, 6 (10):997-1002 (2004).

**CANDIDATE REQUIREMENTS:**

Studies: Biology/Chemistry/Biochemistry

Average University Grade over 2

Experience: It is desirable to have laboratory experience in molecular biology

**CONDITIONS:**

Type of contract: PhD fellowship.

**APPLICATION PROCEDURE:**

CV including your contact details and letter of motivation.

Deadline: September 2010.

Please submit your applications to: [montserrat.morillas@upf.edu](mailto:montserrat.morillas@upf.edu)