

## Expression of Interest



### Contact Person/Scientist in Charge

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### University CEU Cardenal Herrera

### Department / Institute / Centre

- **Name:** Universidad CEU Cardenal Herrera (CEU UCH)
- **Address:** Avd. Seminario S/N 46113 Montcada
- **Province:** Valencia

### Research Area

- Life Sciences (LIF)

### Brief description of the institution:

CEU Cardenal Herrera University belongs to the CEU San Pablo University Foundation which is a non-profit charitable educational institution with over 75 years' worth of experience in the field of education. In the context of the European framework in which we find ourselves, the internationalisation of the Research in our University is one of our main objectives.

### Brief description of the Centre/Research Group (including URL if applicable):

Our University belongs to the San Pablo-CEU Foundation, the most important private education organization in Spain, having more than 26,000 students and 24 centers in all educative levels, among those three Universities in Madrid, Barcelona and Valencia.

CEU-UCH is among the top four Spanish private universities in research rankings (Shanghai Ranking Expanded, IUNE, international ranking SCIMAGO), being the best positioned in Valencia.

The university has a clear commitment to research (+3 million euros of investment and more than 40 projects) as a basis to develop academic excellence that benefits our students and society.

Our group, Development and Cancer, is composed of 2 senior and 4 junior scientists plus 2 PhD students.

<https://www.uchceu.es/investigacion/grupos-lineas-investigacion/desarrollo-y-cancer>

### **Project description:**

#### *Research / Project Description*

We are interested in characterising the role of the small GTPase RhoE in the development of the nervous system and its implications in different diseases like neurodegenerative disorders and cancer. This atypical member of the Rho family of GTPases is a negative regulator of excessive cell proliferation and shows tumour suppressor properties. Its over-expression inhibits cell cycle progression and induces apoptosis in different tumour cell lines. In vivo, using a gene-trap mouse model, we have shown that it is important for the development of the nervous system and for proper proliferation, migration and function of neural precursor cells.

### **Applications**

Please send CV and motivation letter.