



Postdoctoral Candidate in Hematology, RNA Biology and Iron Metabolism for Postdoctoral Research Fellowship at the Josep Carreras Leukaemia Research Institute (IJC), Barcelona
Hematology, RNA Biology and Iron Metabolism

Post description:

The Josep Carreras Leukaemia Research Institute (IJC) is a recently founded institute combining basic and applied haematological cancer research.

We are looking for a highly motivated postdoctoral researcher who is interested in applying for a Postdoctoral fellowship and in joining a young and dynamic laboratory that applies state-of-the-art technology in haematology, RNA biology, genetics and iron metabolism.

The main research interests of the lab are to explore molecular links between haematology and iron metabolism identifying and characterizing new mRNAs regulated by the IRP/IRE system (Sanchez et al, *Blood* 2011 Nov 24;118(22):e168-79) and in fundamental research aiming to address the mitochondrial iron-overload phenotype in Myelodysplastic Syndrome patients. These studies are financed under the national and international grants: SAF2012/40106 Role of new IRP-target mRNAs in Cancer and Iron Biology, and DJCLS R 14/04 Deutsche Josep Carreras Leukämie-Stiftung Myelodysplastic syndromes: cause of mitochondrial iron overload in sideroblastic anemia (PI: M. Sanchez). Patient samples are provided by established partnerships with international clinical groups. We rely on cell culture and a wide variety of biochemical/genetic techniques.

For additional information concerning the post description please contact msanchez@carrerasresearch.org or visit our homepage (www.carrerasresearch.org).

Requirements:

We are looking for an enthusiastic candidate, who wants to work in a young and efficient team to address new and challenging aspects of haematology and iron metabolism. The selected candidate will apply for salary funds from Generalitat Catalunya for a postdoctoral position.

Selection criteria

Publications records:

- Compulsory: Promising track record of early achievements, including **significant publications** (as main author, impact factor >6) in major international peer reviewed scientific journals.
- International mobility will be a plus.
- Proven **Laboratory experience** especially in **haematology, microscopy, RNA Biology, mouse work, and/or iron biology**.
- Good communication skills
- Languages: English (required), Spanish (helpful).

Expected start: January 2017

Conditions:

- 3-year postdoctoral contract. Additional expenses connected to the project are provided.
- Starting: From January 2017

How to apply:

Please send your application to msanchez@carrerasresearch.org **before 28th October 2016**. Please include:

- Subject of email: Candidate Postdoc-2016
- A CV including your contact details and it is compulsory to include your publications and Impact Factor and provide detailed information concerning fulfilling of criteria
- Names of two referees (with email and phone number)
- Letter of motivation