



JUAN DE LA CIERVA FORMACION- POSTDOCTORAL CONTRACT AT THE UNIVERSITAT INTERNACIONAL DE CATALUNYA

Group IRON METABOLISM: REGULATION AND DISEASES

Topic: Hematology, RNA biology, Mouse modeling, Bioinformatics

Web: <https://researchgroups.uic.es/ironmetabolism/vacancies/>

INTERESTED PLEASE SEND CV and a letter of motivation with names and emails of 3 referees to Dr Mayka Sanchez, email : msanchezfe@uic.es

Object

The purpose of this call is to hire one postdoctoral researcher to promote the internationalisation of research at UIC Barcelona.

The Research Group in Iron Metabolism: Regulation and Diseases is a senior interdisciplinary group with extensive experience in **translational medicine in the field of iron metabolism and in the study of other hereditary haematological diseases**. The purpose of the group is to increase knowledge of iron metabolism, its regulation and associated diseases, and to promote the diagnosis of hereditary haematological diseases. To this end, the spin-off BLOODGENETICS SL (www.bloodgenetics.com) was created in November 2016.

The group has also contributed to the implementation of Bioinformatic tools for prediction of the RNA element Iron responsive elements (IRE; SIREs web server) and telemedicine tools to facilitate the diagnosis and management of patients with inherited haematological diseases such as congenital dyserythropoietic anaemia (CODYSAN) and the diagnosis and management of patients with hyperferritinemia (HIGHFERRITIN). We have also contributed to the publication of two clinical guidelines.

Developed Bioinformatic or Telemedicine tools developed by the group
SIREs web server <http://ccbq.imppc.org/sires/>
HIGHFERRITIN telemedicine tool <http://highferritin.imppc.org/>
CODYSAN telemedicine tool <http://www.codysan.eu/>
BEA Biomark Expression Array analysis system (in progress)

Candidate Requirements

Potential candidates must meet these requirements on the call deadline:

- Be in possession of a doctor's degree. **Degree MUST BE obtained: between 01/01/2020 and 12/31/2021. PLEASE do not apply if you do not fulfil this requisite.** Extensions of the lower limit day (1/1/2020) apply for maternity and paternity (extension of one year by child born between date of defence of thesis and now Jan 2022).
- PhD in Bioinformatics, Genetics, Biology, Biochemistry or similar
- Certify a minimum postdoctoral stay of one year in a university or research centre outside of Spain.
- Good CV with at least one publication as first author in important recognized research journal IF>6
- Proven experience of in Bioinformatics/Computational Science; RNA Biology or Iron Metabolism

Characteristics of the fellowship

- The contract will be valid for **two years** from the date the researcher starts. The expected start date is 1st January 2023.
- The researcher's **gross annual** salary will be **€ 25.350€**.
- The researcher will also have 4.800€ additional funds for expenses associated with the correct development of the research proposal. The expenses may include: consumables, travels, article reviews, congress fees, etc.
- Under no circumstances does this postdoctoral research contract imply a commitment by the University to subsequently hire the beneficiary as a permanent member of the University's staff.

Assessment criteria

Applications will be assessed according to the following criteria:

Academic or professional career of the candidate (0-50):

1- Scientific-technical contributions (0-35)

2- Mobility and internationalization (0-15)

Scientific-technical history of the research team in which the candidate is integrated (0-50):

1- Scientific-technical contributions (0-25)

2- Training capacity (0-10)

3- Internationalization (0-15)

Application process

Candidates must attach the following documents to the online google form:

- Curriculum vitae, mentioning publication in peer-reviewed journal and their impact factor
- Emails of 3 referees

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The deadline for submission is 30 Jan 2022.

Incompatibility

The position of postdoctoral researcher will be incompatible with any other contractual or statutory agreements with public or private organisations that may detract from their exclusive dedication to research.

Evaluation process

The candidates will be evaluated by a committee of experts.

The posts may remain vacant if the minimum requirements are not met.

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