

POSTDOCTORAL CONTRACT AT THE UNIVERSITAT INTERNACIONAL DE CATALUNYA

Group IRON METABOLISM: REGULATION AND DISEASES

Web: <https://www.uic.es/en/health/research-group-iron-metabolism-regulation-and-diseases>

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)

Beneficiaries /Requirements

Potential candidates must meet these requirements on the call deadline:

- Have earned a PhD degree in the ten years previous of the year of this call.
- 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 more than 3 years 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 1 October 2019.
- The researcher's **gross annual** salary will be **€30,000**.
- The researcher will also have 7.000€ per year for expenses associated with the correct development of the research proposal. The expenses may include: consumables, travels, article reviews, congresses, 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:

- Candidate profile (60%)
- Research proposal (30%)
- Host research group (10%)

Application process

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

- Research proposal (maximum 1,000 words)
- Curriculum vitae.
- A letter of support from the Principal Investigator

The deadline for submission is 1 July 2019.

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.

All candidates will be notified of the decision relating to the call by the end of July 2019.

Acceptance of the fellowship

The deadline for accepting the fellowship is one month from the day after the publication of list of selected researchers.

End of fellowship

At the end of each year, the beneficiary will have to present a report of the project following the standard model available. A maximum period of 30 days is established for the presentation of this report to the electronic address vrecerca@uic.es from the Vicerectorate for Research, Innovation and Knowledge Transfer (VRIT) of UIC Barcelona.