

POSTDOCTORAL JUNIOR CANDIDATE with recent PhD title FOR JUAN DE LA CIERVA  
CONTRACT-POSTDOCJUNIOR-MS2025-01-JdC PostDoctoral contract- 2 year contract-. Reference  
POSTDOCJUNIOR-MS2025-01-JdC

### Group IRON METABOLISM: REGULATION AND DISEASES

Topic: Haematology, RNA biology, Animal modelling, Iron Metabolism

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

**The deadline for submission is 20 Jan 2025.**

INTERESTED PLEASE SEND CV and a letter of motivation with names and emails of 3 referees to Dr Mayka Sanchez, email: [msanchezfe@uic.es](mailto:msanchezfe@uic.es). Do not send references letters, just the emails of 3 referees (names & contact details of 2-3 PIs that have supervised the candidate's work)

### Object

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

The Biomedicine Laboratory of the Department of Basic Sciences, where Dr. Mayka Sánchez's laboratory is located, has an area of approximately 340 m<sup>2</sup> that houses the research groups of the Department of Basic Sciences of the Faculty of Medicine and Health Sciences. Health. It is a fully equipped space for the UIC Barcelona research groups to work on the different lines they develop. It has a microscopy room, tissue culture rooms, a flow cytometer, and equipment for PCR, qPCR, and other molecular biology techniques.

The Research Group in Iron Metabolism: Regulation and Diseases led by Dr. Mayka Sanchez 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**. <https://researchgroups.uic.es/ironmetabolism/research-lines/>

We focus on the study of hereditary haematological diseases and iron metabolism diseases with important scientific contributions in this field at both basic and translational (Hernandez et al., Haematologica 2023; Luscieti et al., Blood 2017, Engert, et al Haematol 2016, Joshi R, et al., Mol Genet Gen Med 2015, FalcoL, Hum. Mutat 2014, Athiyarath R et al .Brit J Haematol 2013, Falco L et al., Haematol 2013; Luscieti S, et al., OJRD 2013; Campillos M, et al NAR 2010).

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 innovative SME BLOODGENETICS SL ([www.bloodgenetics.com](http://www.bloodgenetics.com)) was created in November 2016.

### Candidate Requirements (please do not apply if you do not meet the requirements!)

- COMPULSORY PhD in Genetics, Biology, Biomedicine, Biochemistry or similar **obtained between 1/01/2023 and 31/12/2024**
- COMPULSORY Good CV with at least TWO publication as first author in important recognized research journal Impact Factor>7.0 JCR JIF Q1
- COMPULSORY Previous Research stays for at least 3 months abroad Spain.
- Proven experience in Genetics, RNA Biology, Haematology or Iron Metabolism will be a plus.
- Proven experience with mammalian cell culturing, iPCS or animal modelling handling (mouse or zebrafish) will be a plus.

### Characteristics of the contract

- Two years contract (Nov 2025-Nov 2027) with possibility of extension. The expected start date is November-December 2025 or earlier.
- Annual gross salary 28.000€.
- The researcher will also have 7.400€ additional funds for expenses associated with the correct development of the research proposal. The expenses may include: consumables, travels, article reviews, congress fees, mobility expenses, etc.
- IMPORTANTLY For candidates with a strong CV, we will pay her/his salary for the 10-12 months until the results of the fellowship call are announced.

### 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 his/her email:

- Curriculum vitae, mentioning PhD defence date and publication in peer-reviewed journal and their impact factor
- Emails of 3 referees
- Motivation letter
- Reference: POSTDOCJUNIOR-MS2025-01-JdC

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