

Application form

1. Name

2. Surname (s)

3. Date of birth

4. Email

5. Country of nationality

6. Country of current residency

7. Gender

8. Compliance with MSCA and CarrerasPathfinders eligibility rules

I understand that my application will be assessed according to the MSCA and CarrerasPathfinders eligibility criteria stated in section 2.5 of the Guide for Applicants.

9. Candidates must not have been awarded a doctoral degree.

Yes, I hereby confirm that I do not hold a PhD and that I have not defended a doctoral thesis

No, I do not meet this criterion and understand that I am not eligible for CarrerasPathfinders positions

10. Candidates must not have resided in Spain for more than 12 months in the 3 years immediately before the call deadline.

Yes, I hereby confirm that I have not resided in Spain for more than 12 months since 1st March 2021

No, I do not meet this criterion and understand that I am not eligible for CarrerasPathfinders positions

11. If you have resided in Spain for more than 12 months in the 3 years immediately before the call deadline, please specify when.

12. Highest Degree (Master's degree or equivalent obtained or in progress)

Indicate the degree that entitles you to enrol in a doctoral program at the university

13. Second Highest Degree

14. Indicate which of the 14 pre-selected doctoral projects you wish to apply for. If you are applying for more than one project, you must submit a specific Letter of Motivation for each project.

1. **DC1** Deciphering the impact of the interplay between SIRT7 and PAX5 in B-cell Acute Lymphoblastic Leukaemia, *Supervisor - Alejandro Vaquero*
2. **DC2** Identifying Epigenetic determinants in Primary Immunodeficiencies in their Progression to Hematological Malignancies, *Supervisor - Esteban Ballestar*
3. **DC3** The noncoding face of the 3D genome of B-ALL, *Supervisor - Gregoire Stik*
4. **DC4** Design of a cell-based system for the production of therapeutic exosomes with anti-lymphoma properties, *Supervisor - Gaël Roué*
5. **DC5** Deciphering the spatial architecture of lymphoma, *Supervisor - Eduard Porta*
6. **DC6** Exploring the Connection Between Epigenetic Abnormalities and Resistance to Therapy in Pediatric B-ALL patients, *Supervisor - Manel Esteller*
7. **DC7** Understanding the influence of m6A machinery on circRNA biogenesis in multiple myeloma, *Supervisor - Sonia Guil*
8. **DC8** Monitoring how endothelial cells contribute to non-Hodgkin lymphoma relapses, *Supervisor - Mariona Graupera, co-supervisor Verónica Rodilla*
9. **DC9** GATA3 Inhibition as a therapy for T-cell Acute Lymphoblastic Leukemia, *Supervisor - Laura Belver*
10. **DC10** Haemogenic gastruloids: a novel approach to model GATA2 deficiency in vitro with embryonic organoids, *Supervisor - Anna Bigas*
11. **DC11** Exploiting the Integrated Stress Response pathway for acute myeloid leukemia treatment, *Supervisor - Sergi Cuartero*
12. **DC12** Decoding the role of the noncoding genome in diffuse large B cell lymphoma, *Supervisor - Biola Javierre*
13. **DC13** The fetal liver niche role in hematopoietic development and childhood leukemia – *Supervisor - Vincenzo Calvanese*
14. **DC14** A functional approach to identify novel combinatorial treatments for AML, *Supervisor - Marcus Buschbeck*