

TECNIOspring PLUS programme - 2017

ACCIÓ's Fellowship Programme Cofunded by EC (MSCA-H2020)

Budget (for the 4 calls):	10,04 MMEUR	Submission deadline:	14/09/2017

01. Beneficiaries

Companies based in Catalonia with at least 5 employees or, TECNIOs centers.

02. Abstract

Post-doctoral fellowship programme that provides financial support to individual mobility proposals presented by experienced researchers in liaison with a company based in Catalonia with at least 5 employees or a TECNIO center. Experienced researchers applying to this action need to develop a research project with focus on technology transfer for the total duration of the fellowship that will enable them to progress in the development of their careers.

Types of fellowships

TECNIOspring PLUS programme offers two different fellowships:

- Outgoing + return: for researchers of any nationality, willing to join a research or technology centre or R&D department of a private company located outside Spain for one year. This scheme includes a return phase of one more year to a Catalan company or a TECNIO entity.
- Incoming: for researchers of any nationality willing to join a Catalan company or a TECNIO entity for two years

Who can apply?

TECNIOspring PLUS applications are submitted by an experienced researcher in liaison with a Catalan host organisation which is represented by the scientific supervisor.

The **duration** of the fellowships is 2 years.

Eligibility Criteria for researchers and host organizations

Level of experience: Experience required varies with the type of fellowship:

- Outgoing + return fellowships
 - Either be in possession of a doctoral degree (PhD) or have at least four years of full-time equivalent research experience, including the period of research training, after obtaining the degree which formally allows them to embark on a doctorate; and
 - Have experience in applied research and/or technology transfer activities (R&D projects involving companies, patents licensing or spin offs).
- Incoming fellowships
 - Hold a doctoral degree and four additional years of full-time research experience after obtaining it; or have at least eight years of full-time equivalent research experience, including the period of research training, after obtaining the degree which would formally entitle them to embark on a doctorate;

- Have at least one year of experience in applied research and/or technology transfer activities (R&D projects involving companies, patents licensing or spin offs);and
- Have experience in the management of research groups.

Mobility conditions: Criteria vary with the type of fellowship:

- Outgoing + return fellowship: the researcher must not have resided or carried out her/his main activity (work, studies) in the country of the host organization for more than 12 months in the 3 years immediately prior to the deadline for the submission of applications.
- Incoming fellowship: the researcher must not have resided or carried out her/his main activity (work, studies) in Spain for more than 12 months in the 3 years immediately prior to the deadline for the submission of applications.

How to choose a research topic?

Projects will address one of the areas covered by RIS3CAT2 strategy. RIS3CAT identifies seven leading sectors in which Catalonia has competitive advantage, critical mass and future opportunities(Energy and resources, Food, Industrial systems, Sustainable mobility, Design industries, Health industries, Culture and experience based industries); and six cross-cutting enabling technologies (ICT, Nanotechnology, Advanced Materials, Photonics, Biotechnology and Advanced Manufacturing).

How to prepare a successful project proposal?

To be successful, a candidate should contact a host organisation as soon as possible, in order to have enough time to agree on a research project proposal of interest.

The researcher within the Catalan host organisation and the host organisation abroad (for outgoing fellowships only) that will act as the candidate's scientific supervisor(s) during the fellowship will as well need to be clearly identified in the application. Involvement of scientific supervisor(s) in the preparation of the research project proposal along with the candidate is deemed to be fundamental.

How to apply?

The proposal will be jointly submitted by the researcher and the Catalan host organisation of her/his choice. Proposals will be electronically submitted. Furthermore, host organisations will need to submit the application in person.

Applicants should complete and submit an application form with the help of a tool downloadable from TECNIOspring PLUS website. The application form contains basic data: a summary of the proposed project and contact details of the host organisation(s) and the researcher.

Moreover, applicants shall attach the following documents:

- Researchers' CV model: a template can be found at TECNIOspring PLUS website.
- Project description model. Applicants should strictly follow the template provided. R
- Two letters of recommendation from scientists with whom the researcher has collaborated.
- Only for outgoing mobility scheme: a letter of acceptance from the host organisation abroad.

Link to TECNIOspring PLUS site: <http://www.catalonia.com/en/innovate-in-catalonia/tecniospringplus/index.jsp>

Guide for applicants: http://www.catalonia.com/en/binaris/Guide_Applicants_PLUS_call2_vdef_tcm213-231606.pdf

03. Funding

Incoming

- Salary: 58,500 €/year
- Research: 8,640 €/year
- Mobility: 960 €/year

Outgoing + return

- Salary: 46,200 €/year x coefficient
- Research: 8,640 €/year
- Mobility: 960 €/year

04. Evaluation criteria

- Excellence of the experienced researcher (weight Outcoming + return 30%, Incoming 40%):
 - Curriculum Vitae (CV) of the experienced researcher and its suitability to the scientific skills and knowledge needed for the development of the project
 - Experience in technology transfer activities (warning: this is an eligibility criteria).
 - Experience in management of research groups (warning: this is an eligibility criteria for incoming type of mobility).
 - Geographical mobility experience, mobility between academy and industry and interdisciplinary background. Teaching, supervision, teamwork, innovation and public awareness activities, especially recent ones.
- Excellence and implementation capacity of the host organisation(s) (weight Outcoming + return 30%, Incoming 20%):
 - Scientific and technological trajectory, and technology transfer capacity
 - CV of the fellow's scientific supervisor and existing mentoring schemes
 - Conditions offered by the host organisation(s) to the selected fellows
- Quality and feasibility of the project (weight Outcoming + return 20%, Incoming 20%):
 - Objectives, methodology, work plan and expected results of the project
 - Originality and innovative nature of the project and relationship to the 'state of the art' of research in the field
 - Suitability of research costs with regard to the described project
- Technology transfer and impact (weight Outcoming + return 20%, Incoming 20%):
 - Exploitation plan of the expected research results
 - Impact of the project on the relevant sectorial area(s) as defined in the regional innovation strategies for smart specialisation of Catalonia (RIS3CAT strategy).
 - Contribution to excellence and competitiveness of Catalonia
 - Potential for creating long term academic and/or business collaborations, and mutually beneficial co-operation between institutions (secondments, short visits)
 - Impact of the project on the career of the researcher