

MSCA- COFUND PROGRAMME

OPENING UP NEW
HORIZONS FOR
RESEARCHERS

ONGOING COFUND
PROGRAMMES IN SPAIN:
EXPECTED CALLS FOR
THE RECRUITMENT OF
RESEARCHERS
2018-2019



GOBIERNO
DE ESPAÑA

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES

FECYT



FUNDACIÓN ESPAÑOLA
PARA LA CIENCIA
Y LA TECNOLOGÍA

**MSCA-COFUND PROGRAMME: OPENING UP NEW
HORIZONS FOR RESEARCHERS**
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CALLS FOR THE RECRUITMENT OF RESEARCHERS

This document compiles information relative to those ongoing MSCA-COFUND PROGRAMMES in Spain with foreseen open calls in 2018 and 2019 for the recruitment of researchers. Further information about other opportunities for researchers in Spain can be found at EURAXESS SPAIN under section "Science in Spain": <https://www.euraxess.es/>

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INTRODUCTION

MSCA-COFUND programmes are European Commission initiatives that offer additional funding for new or existing regional, national and international programmes to provide an international and intersectoral dimension to research training and career development. Doctoral programmes as well as fellowship programmes for experienced researchers can be supported.

Therefore these actions are meant for organisations that fund or manage doctoral programmes or fellowship programmes for researchers.

Each COFUND proposal should have a sole participant, which could be a government ministry, regional authority, funding agency, university, research organisation, research academy or enterprise.

Once the COFUND proposal is selected to be funded, the applying organisation will open up a call to select researchers to enroll its doctoral or fellowships programmes.

How to apply to COFUND-PROGRAMME positions?

Open positions from funded COFUND projects are published on EURAXESS Jobs Website. Furthermore, the beneficiaries will use their own mechanisms to disseminate the open calls (COFUND programme website, social media, etc.)

Who can apply to COFUND-PROGRAMME positions?

1. Support cannot be awarded to researchers who are already permanently employed by the organisation hosting them.

2. Experience:

- For COFUND Doctoral Programmes (DP) researchers must be early-stage researchers (ESR), i.e. at the date of recruitment or the deadline of the co-funded programme's call, be in the first four years (fulltime equivalent research experience) of their research careers and have not been awarded a doctoral degree.

- For COFUND Fellowship Programmes (FP) researchers must be experienced researchers (ER), i.e. at the date of recruitment or the deadline of the co-funded programme's call, be in possession of a doctoral degree or have at least four years of full-time equivalent research experience.

EXPECTED CALLS FOR EARLY STAGE RESEARCHERS

DOC-FAM, DOCTORAL TRAINING PROGRAMME IN FUNCTIONAL ADVANCED MATERIALS

IBERUSTALENT, INTERNATIONAL DOCTORAL PROGRAMME FOR TALENT ATTRACTION TO THE CAMPUS OF INTERNATIONAL EXCELLENCE OF THE EBRO VALLEY

ICFOSTEPSTONE: INTERNATIONAL DOCTORAL PROGRAMME AT THE INSTITUTE OF PHOTONIC SCIENCES

DOctoral training programme in Functional Advanced Materials (DOC-FAM)

Coordinator of the action: Institute of Materials Science of Barcelona (ICMAB).

Areas of research: functionalized materials and nanomaterials.

Candidates: early stage researchers.

Offer: 3-year contracts.

Salary range: Gross salary (33,600€/year including living and mobility allowance) + Research, training and networking costs (6,000€/year) + PhD tuition fees (600€/year).

Webpage: <https://projects.icmab.es/docfam/>; Contact: helpdesk_docfam@icmab.es

DOC-FAM is an excellence DOctoral training programme in Functional Advanced Materials coordinated by the Institute of Materials Science of Barcelona (ICMAB) in collaboration with several partner research Institutions from the area. During the 60 months of duration of the programme, two calls (October 2017 and October 2018) will be launched for the recruitment of 22 Marie-Sklodowska-Curie Early-Stage Researchers (ESRs) during 36 months each.

The ICMAB, Centre of Excellence Severo Ochoa, is an internationally recognized research institute located in the Campus of the Autonomous University of Barcelona (UAB) whose mission is to generate new knowledge in the fascinating world of Materials Science and to transfer it to the society through training and outreach activities. Its research is focused in functionalized materials and nanomaterials to be applied in three areas: Clean and secure energy, Low cost and sustainable electronics, Smart nanomedicine.

The research activities are strongly backed up by the state-of-the-art scientific instrumentation and specialized technical staff of our Scientific Services. In addition, the Institute participates in the NFFA European platform for the synthesis and characterization of nanomaterials (<http://www.nffa.eu/>).

The different research groups (gathering nearly 200 researchers including ERC, MSCA or ICREA) are working in five main basic and applied research lines: Sustainable energy conversion and storage systems, Superconductors for power applications, Oxide electronics, Molecular electronics, and Multifunctional nanostructured biomaterials.

DOC-FAM builds up on the recent award obtained by ICMAB-CSIC as one of the 22 "Severo Ochoa Centres of Excellence", to develop "Smart Functional Materials for Social Grand Challenges" (FUNMAT, 2016-2019) project, designed to invigorate and enhance research, training, exploitation and communication activities of the Institute amongst other things. The aim of the research programme offered in DOC-FAM is to complement the training aspects of FUNMAT by offering 22 recruited fellows an excellence training programme in the burgeoning field of Functional Advanced Materials through an interdisciplinary,

intersectorial and international approach. Recruited fellows will also be able to attend a full range of complementary training courses and workshops, and use the installations and equipment of the Autonomous University of Barcelona (UAB), the ALBA Synchrotron, and of the other close-by research institutes.

2017 Call, opened from October 1st to December 31st, and offered:

- 11 predoctoral positions: 5 at ICMAB-CSIC, 2 at the Catalonia Institute for Energy Research (IREC), 3 at ALBA-CELLS Synchrotron, 1 at the Institute of Microelectronics of Barcelona (IMB-CNM-CSIC).
- 3-year employment contract in a stimulating research training environment, with access to all the equipment, facilities and personal career development opportunities as well as complementary training, and networking and public engagement activities.
- PhD supervisor and mentor.
- possibility of secondments.
- multidisciplinary and multicultural environment.

2nd Call

Opening date: 1st October 2018

Deadline: 30th November 2018



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 754397.

International Doctoral Programme for Talent Attraction to the Campus of International Excellence of the Ebro Valley (IberusTalent)

Coordinator of the action: Campus of International Excellence of the Ebro Valley (Universities of Zaragoza, Lleida, Navarra -public University-, and La Rioja).

Areas of research: Agrofood and Health Technologies

Candidates: early stage researchers.

Offer: 3-year-contracts

Webpage: <http://www.campusiberus.es/campus-de-excelencia-internacional/>

International Doctoral Programme for Talent Attraction to the Campus of International Excellence of the Ebro Valley (IberusTalent) is a step forward from the Campus Iberus aimed at boosting the R&I capacity and high quality human resources of the University in the field of Agrofood and Health technologies.

Campus Iberus is the strategic alliance of four Spanish universities – Universidad de Zaragoza, Universidad Pública de Navarra, Universidad de la Rioja and Universidad de Lleida (available English websites) – that constituted the consortium of Campus Iberus in May 2012, as a university's dependent structure through which they can execute the actions that make up its strategic plan.

Campus Iberus works on the definition and promotion of aggregation actions of the four Universities in three different areas:

- Teaching improvement and adaptation to the European Higher Education Area.
- Scientific improvement and knowledge transfer.
- Social integral model. Interaction with the Campus environment.

As part of this approach, Campus Iberus seeks to offer a training programme to address the challenges and obstacles of knowledge and to respond to the needs of society. To that end, collaboration with companies is a key element.

In particular, Campus Iberus aims to:

- Contribute to the comprehensive training of students, complementing their theoretical and practical learning.
- Provide the knowledge of a working methodology appropriate to the professional environment in which the students will be operating, contrasting and applying the knowledge acquired.

- Encourage the development of technical, methodological, personal and participative skills.

- Obtain a practical experience which facilitates labour integration and enhances your future employability.

- Foster values of innovation, creativity and entrepreneurship.

IberusTalent is a Doctoral Programme for Early Stage Researchers (ESRs) aimed at attracting 36 pre-doctoral excellent researchers to develop individual and freely selected project in the field of Agrofood and Health Technologies in order to produce a positive effect in terms of excellent science and talent attraction, especially at the regional level. IberusTalent will offer attractive conditions for doctoral training based on the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, as well as the EU Principles for Innovative Doctorate Training.

The IberusTalent Programme will be based on the scientific and technological capabilities of the four Recruiting Universities (UdL, UPNA, UR & UNIZAR) within Agrofood and Technologies for Health, and the participation of their excellent research groups with investigation lines related to these areas. Additionally, the involvement of international Universities and non-academic participating organisations (companies, research centres and hospitals) with strong expertise on the Programme specific areas will guarantee attractive ecosystem for incoming researchers by offering secondments, short stays, and training at industry.

First call launching expected for November 2018

22 ESR contracts will be offered with this indicative distribution: University of Zaragoza: 7 positions; Public University of Navarra: 7 positions; Universidad de Lleida: 6 positions; University of La Rioja: 2 positions.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801586.

ICFOstepstone Fellowship Programme within the ICFO International PhD

Coordinator of the action: ICFO - The Institute of Photonic Sciences.

Areas of research: Physics, Engineering, Mathematics, Chemistry and Biology/ Life sciences.

Candidates: early stage researchers.

Offer: 36-months INCOMING fellowships.

Salary range: MSCA-COFUND standard conditions.

Webpage: <http://phd.icfo.eu/fellowships-2/>; Contact: jobs@icfo.eu

ICFO (<http://icfo.eu>), member of The Barcelona Institute of Science and Technology, is a research centre located in a specially designed, 14.000 m²-building, situated in the metropolitan area of Barcelona. It currently hosts 400 people, including research group leaders, post-doctoral researchers, PhD students, research engineers, and staff. *ICFO*nians are organized in **27 research groups and teams**, working in **60 state-of-the-art research laboratories**, equipped with the **latest experimental facilities** and supported by a range of **cutting-edge facilities for nanofabrication, characterization, imaging and engineering**.

The Severo Ochoa distinction awarded by the Ministry of Economy, Industry and Competitiveness, as well as 14 ICREA Professorships, 25 European Research Council grants, and 6 Fundació Cellex Barcelona Nest Fellowships, demonstrate the centre's dedication to research excellence, as does the institute's consistent appearance in top worldwide positions in international rankings. From an industrial standpoint, ICFO participates actively in international technological platforms, is very proactive in fostering entrepreneurial activities and spin-off creation, participates in incubator activities, and seeks to attract venture capital investment. ICFO hosts an active Corporate Liaison Programme that aims at creating collaborations and links between industry and researchers. To date, ICFO has created 5 successful start-up companies.

The ICFOstepstone Programme, will bring together **top-level training and teaching for outstanding graduate students**, willing to obtain a PhD degree at ICFO. In periodic calls published in the period 2016-2019, **45 ICFOstepstone fellowships** are offered across all ICFO research groups and teams, for example in the following research areas: Biophysics & Biomedical Optics; Optical Sensing, Optoelectronics & Photovoltaics; Nonlinear Optics, Ultrafast Optics & Atto-Physics; Nanophotonics, Optomechanics & Nanomechanics; Experimental Quantum Optics & Quantum Information; Theoretical Nanophotonics, Quantum Optics & Quantum Information. For information about our research groups and teams, please see <https://icfo.eu/research>.

The programme will offer the possibility of **collaborations and mobility within a network of excellence** (national and international research institutes, universities, and industrial partners).

To be eligible, candidates must have:

- A Master-equivalent degree in a field related to the ICFO-areas, not older than 4 years.
 - An excellent academic record, previous research experience and a strong commitment for scientific research.
 - Candidates should not have resided in Spain for more than 12 of the last 36 months.
- A high working knowledge of English is necessary. Female graduates are strongly encouraged to apply. No restrictions of citizenship apply to the ICFO positions. Persons with disabilities are also encouraged to apply.

The conditions of the ICFOstepstone PhD positions are as follows:

- Initial ICFO contract for a period of 6 months, with an explicit follow-up by the end of this first stage, during which students take part in the ICFO working environment, join a research group, and work with their supervisor to define a research project.
- After the initial period, students are registered in the PhD Programme, and the full ICFOstepstone Fellowship for the period of 36 months is activated, renewable for an additional fourth year. Continuity is subject to satisfactory performance in the PhD studies and related research activities, evaluated on an annual basis.
- The fellowship amount is at H2020 MSCA-COFUND level, subject to fiscal and social security deductions, including medical care and work accident insurances.

UPCOMING CALLS: Last calls will be in Autumn 2018 and Spring 2019. Stay tuned!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreements No. 665884 and No. 713729.

FELLOWSHIP PROGRAMMES

BP3, BEATRIU DE PINOS-3 POSTDOCTORAL PROGRAMME

CONEX-PLUS, CONCENTRATING EXCELLENCE IN UC3M - POSTDOC
PROGRAMME

GOT ENERGY TALENT. ATTRACTING TALENTED RESEARCHERS WITHIN THE
SPANISH CAMPUS OF INTERNATIONAL EXCELLENCE 'SMART ENERGY' AND
THE REGION OF MADRID.

I2:ICIQ IMPULSION, ICIQ IMPULSE FOR TALENTED POSTDOCTORAL FELLOWS

INTREPID, CRG INTERNATIONAL RESEARCH POSTDOCTORAL PROGRAMME

PROBIST, COFUND BIST POSTDOCTORAL FELLOWSHIP PROGRAMME

STARS, SUPERCOMPUTING AND RELATED APPLICATIONS FELLOWS
PROGRAM

TECNIOSPRINGINDUSTRY, ACCIÓ PROGRAMME TO FOSTER MOBILITY OF
RESEARCHERS WITH A FOCUS IN APPLIED RESEARCH AND TECHNOLOGY
TRANSFER

Beatriu de Pinos-3 Postdoctoral Programme (BP3)

Coordinator of the action: Agència de gestió d'Ajuts Universitaris i de Recerca (AGAUR).

Areas of research: all.

Candidates: experienced researchers (between two to seven years of post-doctoral academic research experience).

Offer: 3-year contract.

Salary range: Gross salary (44.100 €/year) + Research complement (4.000 €/year)

Webpage: <http://agaur.gencat.cat/es/beques-i-ajuts/>

Contact: dolors.grillo@gencat.cat

The Beatriu de Pinos programme (BP) has been running successfully since 2005 and aims to promote postdoctoral research and transnational mobility in all fields of research in Catalonia. The grant will be three years long and will enable outstanding junior researchers from all nationalities to train and conduct research in any Catalan excellence research group on a project of their choice.

The main objectives of the BP3 programme are:

- enable the transition towards a consolidated research career attracting 120 junior postdoctoral researchers over 5 years, multiplying each one's skills sets and networks via targeted Career Development Plans and mentoring;
- improve the quality of postdoctoral research training;
- enhance cooperation and transfer knowledge between sectors and disciplines;
- and increase the competitiveness of the Catalan scientific community and for extension the European one. The long term objective of BP3 is to significantly contribute to the career development of more researchers and qualified future independent leaders.

Multi/interdisciplinary, intersectorality and international collaboration and networking are the basis and driving forces of the project and the Beatriu de Pinós programme will assure the optimal conditions to achieve them. Besides high level interdisciplinary scientific research training, researchers will receive additional training in complementary skills and a special personalized career development support will also be given during and after the grant finishes. Intersectoral secondments will be fostered, not only to private industry but also to the public and government sector as all of them are crucial contributors to a knowledge based society. Researchers will have access to the most favourable working conditions in accordance with the European Charter of Researchers.

Catalonia has fostered a successful research and knowledge hub in the south of Europe in a relatively short time and provides the postdoctoral researcher the best environment to deepen scientific skills and develop new ones. Any public or private non-profit organization

located in Catalonia carrying out research (universities, research institutes, hospital foundations or large research infrastructures) is eligible to host the researchers.

With over 15 years of experience, AGAUR aim is to improve the quality and competitiveness of the Catalan system by providing grants and scholarships, loans, subsidies and other activities for the promotion of university education, scientific and technical research and technological innovation in Catalonia. They provide funding for early stages of the research career path and support research groups and reference networks and knowledge transfer.

AGAUR obtained the quality certification ISO 9001:2008 for its grant management performance in 2012 and the European 'HR excellence seal' in 2014.

First call will be launched in late fall 2018



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801370.

CONcentrating EXcellence in UC3M - Postdoc Programme (CONEX-Plus)

Coordinator of the action: Universidad Carlos III de Madrid (UC3M).

Areas of research: aligned with the Research and Innovation Strategy for Smart Specialisation (RIS3) of the Community of Madrid: Energy, Environment and Transport (including Aeronautics); Nanotechnology, Advanced Materials, Industrial and Space Technologies; Health, Biotechnology, Water and Agri-food; Information and Communications Technologies, as well as research work in the fields of Social Sciences and Humanities with applications in the various areas of the RIS3.

Candidates: experienced researchers (up to six years of research experience after obtaining their PhD degree).

Offer: 3-year contracts.

Salary range: Gross monthly salary: 4,550 € (including living and mobility allowances).

Other monthly costs covered by the contract: 955 € (research costs) + 140 € (family allowance if applicable) + 280 € (during secondments).

Webpage: <https://www.uc3m.es/Research>; Contact: vr.politica-cientifica@uc3m.es

CONEX-Plus is a training and mobility program that aims to accelerate the career development of a cohort of Experienced Researchers at **Carlos III University of Madrid** (UC3M) in Spain. CONEX-Plus will offer 30 fellowships for incoming mobility, each with a duration of 3 years, to Experienced Researchers with up to 6 years of research experience after having obtained their PhD degree (Euraxess R2/R3).

Carlos III University of Madrid was established by an Act of the Spanish Parliament on 5 May 1989. From the outset it was intended to be a relatively small, innovative, public university, providing teaching of the highest quality and focused primarily on research. The mission of Carlos III University of Madrid is to contribute to the improvement of society through teaching of the highest quality and cutting-edge research in line with stringent international guidelines. The University aspires to excellence in all its activities, with the aim of becoming one of the top (young) universities in Europe.

UC3M currently has 21000 students and 600 permanent faculty. All its academic activities are organized and conducted through an Engineering School, as well as Social Sciences and Law, and Humanities Schools.

Building on the excellence of UC3M, the **CONEX-Plus** program will develop the next generation of research leaders and equip them with skills and expertise in research areas

of strategic importance to UC3M, the Madrid region and Europe, in order to contribute to address future challenges for the benefit of European citizens and society. The strategic research areas covered in the program are those identified in the Research and Innovation Strategy for Smart Specialisation (RIS3) strategy of the Madrid Autonomous Region, underpinned by complementary research in the Social Sciences and Humanities.

The principles of the Charter and Code are applied throughout the program. Applicants will submit proposals on research topics freely chosen by them. There will be two calls where fellows will be selected following an open, transparent, merit-based, impartial and equitable selection procedure, based on international peer review and interviews.

Research training will be provided through the implementation of an individual interdisciplinary research project under guidance of a supervisor. This interdisciplinary program will equip fellows with excellent scientific and relevant transferable skills to communicate across and between research disciplines. Fellows will also learn how to work in and between different sectors, as prerequisites to achieve future relevant scientific and industrial results.

All fellows participate in a specific CONEX-Plus training program, with dedicated modules on relevant transferable skills and Industry Training Blocks. Their career progress will be supported by the use of a Career Development Plan and through regular supervision meetings. Secondments to strengthen the intersectoral skills of the researchers are compulsory and will be conducted jointly with 12 non-academic and 2 academic entities.

The project will start in March 2019, so stay tuned to UCM3 and wait for its calls!!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801538.

Attracting talented researchers within the Spanish campus of international excellence 'smart energy' and the region of Madrid (GOT ENERGY TALENT)

Coordinator of the action: University of Alcalá and University Rey Juan Carlos at Madrid.

Areas of research: energy.

Candidates: experienced researchers.

Offer: 24-month incoming fellowships.

Salary range: Gross salary (53,880.00€/year) + possible family allowance (400€/month)

*(Amounts before taxes)

Webpage: <http://gotenergytalent.uah.es/> Contact: tecnico.cofund@uah.es

This COFUND programme is promoted by the Universidad de Alcalá (UAH) together with the Universidad Rey Juan Carlos (URJC) in the framework of the Campus of International Excellence Smart Energy.

The University of Alcalá (a city 35 km northeast of Madrid), **UAH**, is a medium sized modern institution (29,000 students, 1,627 teachers and researchers), with classical humanistic studies, social sciences, and the most modern qualifications in all scientific fields, such as Health Sciences and the various engineering sciences spread across its campuses, which with the Science and Technology Park are a decisive factor in its international profile and a boost to business in our region. The recognised quality of its studies (more than 38 official degree courses), the development of important research lines, its international relations, the artistic historical interest of its iconic buildings, its new and modern facilities and its complete adaptation to the demands of today's labour market place at to the forefront of public universities.

King Juan Carlos University (URJC) is a public research university located in the Southern area of the Community of Madrid, with four campuses at Móstoles, Alcorcón, Vicálvaro and Fuenlabrada. With 37,939 students, it is the second biggest public university in the Community of Madrid.

Since 1996, the University has focused his teaching and interdisciplinary research to find solutions to current problems, and ranks among the best universities in Madrid for excellence academic programmes and international scientific quality.

The URJC, a university where develop a critical spirit, formed on academics and professional and enrich and grow personally and culturally.

GOT ENERGY Programme is aimed at incorporating postdoctoral talent on the area of SMART ENERGY to enable them to conduct their own excellent research project and

bringing it closer to the society, in order to produce a positive effect not only in terms of excellent science and talent attraction but also by strengthening the regional economy and promoting international networking.

GOT ENERGY will bring in **34 experienced researchers to develop a 24 month stay** through 2 open calls at international level (17 fellowships per call); the 1st call for proposals was launched in July 2018.

The programme offers:

- 2-year fellowships: 1st year will be devoted to an advanced research in the UAH or URJC facilities and during 2nd year the beneficiary will have possibility to access to applied research in prestigious hosting institutions such as REPSOL, INDRA, CI3, Factor Verde, S.A., or IMDEA Agua (this option is not available for all research lines),
- possibility of carrying out own independent research project in the area of energy,
- generous salary (travel expenses covered and social benefits),
- development of the research career under the direction of internationally recognised scientists,
- high quality scientific training and a complementary transversal agenda,
- professional development according to an individual Fellow Development Plan,
- possibility to achieve multidisciplinary experience and intersectoral knowledge.

Second call coming soon, stay tuned!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 754382.

ICIQ Impulse for Talented Postdoctoral Fellows (I2:ICIQ Impulsion)

Coordinator of the action: Fundació Institut Català d'investigació Química (ICIQ).

Areas of research: Catalytic activation of chemical feedstock, Renewable energies from sunlight and CO2 capture and valorization.

Candidates: experienced researchers.

Offer: 2-years contracts.

Salary range: average gross salary (including living and mobility allowances) of 36,900 €/year (employee taxes and social security deductions to be applied)

Webpage: <http://www.iciq.org/jobs-grants/>; Contact: info@iciq-impulsion.eu

I2-ICIQ Impulsion will impulse the professional career of 12 highly talented international fellows through the development of an innovative research programme based on interdisciplinarity, internationality and intersectoriality.

Fundació Institut Català d'investigació Química (ICIQ), founded in 2000 by the Government of Catalonia, the Institute of Chemical Research of Catalonia started its research activities in 2004.

ICIQ is committed to performing excellent research at the frontier of knowledge in two main areas: Catalysis and Renewable Energy. The institute also has two other commitments: knowledge and technology transfer to the chemical, pharmaceutical and energy industrial sectors and that of training the future generation of scientists by offering high-quality educational programmes to master and PhD students and postdoctoral researchers as well.

ICIQ's mission is to lead, from the vantage point of molecular science, cross-strategies for solving major social and economic challenges, such as climate change and sustainable supply of energetic and raw materials, thereby contributing to the establishment of a knowledge-based economy and improving quality of life for all.

I2-ICIQ Impulsion fellowships will include a mandatory secondment (2 to 6 months) in a different research entity (academic and/or non-academic). I2:ICIQ Impulsion offers 19 research groups led by internationally renowned senior and tenure track researchers that develop excellent interdisciplinary chemical research in different areas of the chemical sciences (Catalytic activation of chemical feedstock/Renewable energies from sunlight/CO2 capture and valorization).

I2-ICIQ Impulsion fellows will have the freedom to define an innovative research project within one of these areas of research, choose the Group Leader they would like to work with and choose a partner organisation to develop a secondment.

Being part of the I2: ICIQ Impulsion community will allow fellows to have:

- Close supervision and mentoring by internationally renowned Group Leaders
- Access to state-of-the-art scientific equipment and facilities.
- A personalised Career Development Plan
- A tailored Training Programme
- Secondments in international institutions
- Networking opportunities
- Dissemination and public engagement activities
- Outstanding working conditions

I2:ICIQ Impulsion is a very attractive programme for highly talented postdoctoral researchers looking for further opportunities in research. It has been designed to enable the maximum impact on immediate and long-term career prospects for the fellows, both in academia and in the private sector. I2-ICIQ Impulsion will also contribute to improve the attractiveness of Catalonia, Spain and Europe as a leading destination for research and innovation, boost the international visibility of ICIQ and further increase the quality of research and innovation developed in the European Research Area (ERA).

First call coming in September 2019!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801474.



INTREPiD
Postdoctoral Fellowships
CRG

CRG International Research Postdoctoral Programme (INTREPiD)

Coordinator of the action: Centre de Regulació Genòmica (CRG)

Areas of research: life sciences at CRG with different backgrounds, including ageing and fertility, biochemistry, bioinformatics, cell biology, developmental biology, epitranscriptomics, genetics, imaging, molecular biology, modelling, neurobiology and reprogramming and regeneration.

Candidates: experienced researchers.

Offer: 3-year postdoctoral fellowships.

Salary range: Full Social Security + Gross salary (37.000 €) + Annual travel allowance (2.000 €) + Annual research costs (9.600 €).

Webpage: <http://www.crg.eu/en/content/training-postdoctoral-researchers/intrepid>

Contact: academicoffice@crg.eu

INTREPiD is a new International Fellowship Programme for talented young researchers aiming at enabling outstanding junior scientists of all nationalities to develop a competitive research project in life sciences at CRG, thus promoting the transnational mobility and career perspectives of young scientists in Europe.

The **Centre for Genomic Regulation (CRG)** is an international biomedical research institute of excellence, created in December 2000. It is a non-profit foundation funded by the Catalan Government through the Departments of Economy & Knowledge and Health, the Spanish Ministry of Economy, Industry and Competitiveness, the "la Caixa" Banking Foundation, and includes the participation of Pompeu Fabra University.

The mission of the CRG is to discover and advance knowledge for the benefit of society, public health and economic prosperity.

The CRG believes that the medicine of the future depends on the groundbreaking science of today. This requires an interdisciplinary scientific team focused on understanding the complexity of life from the genome to the cell to a whole organism and its interaction with the environment, offering an integrated view of genetic diseases.

The CRG is a unique centre in Spain, based in an innovative organization research model. Group leaders at the CRG are recruited internationally and receive support from the centre to set up and run their groups. An external Scientific Advisory Board, made up of 13 world leaders in the different areas, evaluates them. The result of evaluations conditions the future of the CRG scientists, no matter whether they have open-ended or time-limited contracts. This ensures the mobility and the renewal of the workforce.

Fellows will benefit from an exciting international scientific environment and an integrated

training programme, including access to state of the art infrastructure, lectures and seminars, specialized scientific and technological courses, complementary skills training and career development activities, postdoctoral symposia and retreats, as well as social activities.

The Intrepid Programme will support in this call 6 fellows (6 more were selected in the previous one) working on projects of a duration up to 36 months recruited in the current call for proposals.

Elegibility criteria:

- Candidates can be of any nationality, but must undertake trans-national mobility, which means that candidates must not have resided or carried out their main activity (work, studies, etc.) in Spain for more than 12 months in the 3 years immediately prior to the call deadline. Furthermore, applicants working at CRG for more than 3 months before the deadline will not be considered.
- Candidates must have a PhD degree from a recognized university, plan to obtain a PhD degree by the time of employment, or have at least four (4) years of full-time equivalent research experience. Candidates who already hold a PhD degree at the time of application are eligible to apply only if they passed their PhD exam (or equivalent) in the four years prior to the call deadline. Exceptions up to 3 years for maternity/paternity leaves and other documented career breaks will be considered.
- Candidates must have at least one publication as first author (either in press or published) at the time of the deadline.
- Candidates must provide two letters of reference.

Open call until October 12th (5 p.m. local time)

Applications for the INTREPiD programme are accepted exclusively online through our online application system.



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PROBIST, the Barcelona Institute for Science and Technology (BIST) postdoctoral fellowship programme

Coordinator of the action: The Barcelona Institute for Science and Technology
 Areas of research: Photonic Sciences, Nanoscience and Nanotechnology, Theoretical and Experimental Physics, Engineering, Biomedical Research and Life Sciences, Chemical Research.

Candidates: experienced researchers.

Offer: 3-year postdoctoral fellowships.

Salary range: 36,252.82 €/year + Relocation support (single payment of 1,504.89 €)

Webpage: <http://bist.eu/probist/>; Contact: fellows@bist.eu

The Barcelona Institute of Science and Technology is a scientific initiative of seven of Catalonia's research centres of excellence whose objective is to increase their levels of collaboration in order to build together a joint scientific project. Its strength is based on the research capacities of the seven centres and its potential to promote multidisciplinary, cutting-edge projects. These Catalan research centres are the Centre for Genomic Regulation (**CRG**), the Institute of Photonic Sciences (**ICFO**), the Institute of Chemical Research of Catalonia (**ICIQ**), the Catalan Institute of Nanoscience and Nanotechnology (**ICN2**), the Institute for High Energy Physics (**IFAE**), the Institute for Research in Biomedicine (**IRB Barcelona**), and the Institute for Bioengineering of Catalonia (**IBEC**).

BIST research centres are internationally recognized, independent centres of excellence, with the mission to achieve the highest level of scientific and technological excellence in their respective fields, and contribute to the transformation of Catalonia into a knowledge based industrial society. All are holders of the "Severo Ochoa Distinction for Scientific Excellence", the most prestigious excellence recognition by the Spanish government.

The mission of the Barcelona Institute of Science and Technology is to promote cutting edge research in science and technology in a multidisciplinary environment scientific excellence. We are committed to the development and training of scientists to maximize science impact in society.

PROBIST is an ambitious programme offering **61 three-year postdoctoral fellowships** to foster excellence in multidisciplinary postdoctoral research at BIST's participating research centres (ICFO, ICIQ, ICN2, IFAE and IRB Barcelona) and associated partner institutions (hospitals, private companies, technology centres, and other academic institutions), which will provide opportunities for collaborations and secondments, training, networking activities and other actions to complement the research activities and professional development of the fellows.

Future calls:

- Third call: 1st October 2018 (15 fellowships) – Deadline: 25th November 2018.
- Fourth Call 4: 1st March 2019 (15 fellowships) – Deadline: 23rd April 2019.

Eligibility Criteria: at the time of the call deadline

- Having not spent more than 12 months of the prior 36 months in Spain,
- Be in possession of a PhD degree,
- Having not been awarded the PhD degree more than 5 years, and
- Being first author in at least one publication in an internationally reputed journal.

PROBIST fellowships are granted for 3 years including:

- Annual gross salary: 36,252.82€ plus a single payment of 1504,89 relocation support (Spanish tax and social security deductions apply),
- close mentoring and supervision through prestigious Senior Researchers,
- a personalized career development plan,
- a training programme for scientific and transferable skills.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 754510.

Supercomputing And Related applications fellows programme

Coordinator of the action: Barcelona Supercomputing Center (BSC).

Areas of research: HPC and related applications, specifically in Earth Science and Meteorology, in Life Sciences, Genomics and Personalised Medicine and in Computational Engineering and Physics and Computational Social Sciences.

Candidates: postdoctoral researchers.

Offer: 24-months incoming fellowships.

Salary range: Annual living and mobility allowances (35.000€ gross salary) + Annual Family allowance Researchers (1.500€ gross salary) + Annual budget for Travels and Research & Training activities (5.400€)

Webpage: www.bsc.es Contact: starsprogramme@bsc.es

Barcelona Supercomputing Center (BSC) is the Spanish national supercomputing facility. Created in 2005, it quickly established itself as one of the main research centres in High Performance Computing in Europe. BSC houses MareNostrum, one of the most powerful supercomputers in Europe, and is a Tier-0 hosting member of the PRACE distributed supercomputing infrastructure. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress.

BSC was a pioneer in combining HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof. The centre fosters interdisciplinary scientific collaboration and innovation and currently has over 400 staff from 40 countries, working in 30 different groups, divided into 4 main research departments. In 2011 and 2015 BSC was awarded by the Spanish government as "Severo Ochoa Centre of Excellence" together with only 7 other Spanish research centres.

Career Development, Education and Training is a priority for the centre, which has been recently awarded with the badge of 'HR Excellence in research' by the EC. Therefore, at BSC, fellows will benefit from access to all the research facilities provided by BSC, and they will receive special thematic training sessions in complementary skills within the frame of the Excellence Supplementary Diploma developed around the principles of the Charter and Code for Researchers. During their stay at BSC, fellows will participate in challenging research projects of outstanding quality, highly competitive at the international level, in an international environment (more than 30% of BSC personnel is not Spanish). BSC participates in 178 projects out of which 48 were funded by FP7 and H2020. It is engaged in national and international collaborations with world-leading HPC technology providers (such as IBM, Intel, Nvidia, Microsoft, CISCO) and consumers (such as Repsol, Iberdrola, AEMET; AstraZeneca, MeteoFrance). These quality indicators demonstrate the unique international and inter-sectorial (academy, research organizations and industry) research, training and collaboration opportunities to which postdoctoral fellows of the STARS

Fellowship Programme will be exposed, significantly boosting their career development perspectives.

STARS programme aims at fostering the training of highly skilled post-doc in all fields of High Performance Computing and related applications. The programme will award **20 outstanding post-doctorate researchers** (selected through two different calls) of all nationalities with **24-month INCOMING fellowships**, providing them with all necessary tools for developing their potentials, deepening their skills and knowledge in a stimulating, international and interdisciplinary environment, and offering them intersectorial short secondments (1-3 months) with private industry or non-academic research centres (such as Lenovo, CISCO, AstraZeneca, IBERDROLA, EU JRC, AEMET, IRB and CRG) in order to boost their career perspectives as successful independent researchers. **Short secondments** periods under the premises of these partner institutions will take place within the STARS programme. Fellows will also be strongly encouraged to participate at least once a year in an international event in their domain of research.

All details of the next call (foreseen for December 2022) will be available at www.bsc.es and <https://www.bsc.es/stars>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 754433.

TECNIOspringINDUSTRY, ACCIÓ programme to foster mobility of researchers with a focus in applied research and technology transfer

Coordinator of the action: ACCIÓ, the Catalan Agency for Business Competitiveness.

Areas of research: Food Industries; Industrial systems; Sustainable mobility; Experience-based industries; Chemical, Energy and natural resources; Design-based Industries; Health industries.

Candidates: experienced researchers.

Offer: 2-year employment contracts.

Salary range: Salary costs (58.500 €/year) + Research costs (18.240 €) + Mobility costs (1920 €).

Webpage: www.tecniospring.eu; Contact: tecniospring.accio@gencat.cat

The region of Catalonia has about 7.5 million inhabitants and a GDP of 224 billion EUR, an internationally recognized research system, scientific-technological infrastructures of first level and a powerful and diversified industrial sector. Over 6,400 multinational companies are established in the region and there is a powerful start-up economy that employs some 10,000 people. Catalonia's great capacity for participation in international programmes stands out, e.g. with 1.5% of the EU population, Catalonia attracted 2.4% of the funds in H2020.

The Catalan economy aims to remain competitive by promoting innovation and the incorporation of technology in production processes and organizations, thus, **attracting and training competitive human resources** is fundamental.

TECNIOspring INDUSTRY Fellowship Programme is proposed by ACCIÓ, the Catalan Agency for Business and Competitiveness, attached to the Ministry of Business and Knowledge of the Government of Catalonia. With a budget of 11,085,120 € (46% EU contribution, 54% ACCIÓ own funds) and a duration of 5 years, TECNIOspring INDUSTRY will address experienced researchers who will develop their research career in their area of interest, with focus on technology transfer. TECNIOspring INDUSTRY programme will receive joint applications of an experienced researcher and the host organisation of his/her choice (the beneficiary). Host organisations will be Catalan companies and entities of the Catalan Research and Technology Transfer System, recognized with the TECNIO accreditation.

The programme will fund **72 fellowships**, offering high-quality professional opportunities, with living plus mobility allowance well above the amount set by MSCA, through its two types of mobility schemes, **incoming and outgoing+return**. Fellows will be free to choose

their applied research project, with focus on technology transfer, and a host organisation fitting their individual and interests. The programme will have three calls that will be internationally advertised, including EURAXESS website, and allow a fair competition between applicants through an open, merit-based selection process.

ACCIÓ already manages two COFUND fellowship programmes, TECNIOspring under FP7 (GA n° 600388) and TECNIOspring PLUS under H2020 (GA n° 712949). TECNIOspring INDUSTRY will consolidate success and go beyond the earlier grants to increase impact and alignment with MSCA best practices by further opening the programme to industry, improving conditions for fellows, increasing networking opportunities in less represented countries, enlarging training offer and fostering synergies with ERDF. The programme's budget and ACCIÓ's contribution are increased accordingly, while EC contribution remains the same as in TECNIOspring PLUS.

Three calls will be launched between 2019 and 2024, stay tuned!



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 801342.



Maria Salomea Skłodowska-Curie (1867 - 1934) She was a Polish and naturalized-French physicist and chemist who conducted pioneering research on radioactivity.

Her achievements included the development of the theory of radioactivity (a term that she coined), techniques for isolating radioactive isotopes, and the discovery of two elements, polonium and radium.

She shared the 1903 Nobel Prize in Physics with her husband Pierre Curie and with physicist Henri Becquerel. She won the 1911 Nobel Prize in Chemistry.

She was the first woman to win a Nobel Prize, the first person and only woman to win twice, the only person to win a Nobel Prize in two different sciences, and was part of the Curie family legacy of five Nobel Prizes. She was also the first woman to become a professor at the University of Paris, and in 1995 became the first woman to be entombed on her own merits in the Panthéon in Paris.

This document compiles information relative to those ongoing MSCA-COFUND PROGRAMMES in Spain with foreseen open calls in 2018 and 2019 for the recruitment of researchers. Further information about other opportunities for researchers in Spain can be found at



Check "Science in Spain" section at www.euraxess.es



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