

Entidades españolas que han recibido financiación MSCA COFUND 2021

PROYECTO	FCAECC Fellowship programme for talented researchers in cancer
ACRÓNIMO	AECC Talent
BENEFICIARIO	FUNDACIÓN CIENTÍFICA DE LA ASOCIACIÓN ESPAÑOLA CONTRA EL CÁNCER
TIPO	Programa de incorporación de personal investigador
FONDOS CE	4.298.400€
CONTRATACION	30 investigadores/as
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>The Scientific Foundation of the Spanish Association against Cancer (from now on, FCAECC) is a philanthropic private entity that aims to finance excellent cancer research in Spain for the benefit of the general public and patients. Ranging from basic research to clinical application, FCAECC is the entity that devotes the most funds to promote and support cancer research in Spain. In its Strategic Plan, FCAECC states its firm commitment to finance the best cancer research in Spain, aiming at promoting talent, stabilizing the professional career of researchers, fostering the globalization of Spanish cancer research and involving society. FCAECC has a national fellowship programme that supports experienced researchers to develop their own research lines and currently is funding 525 cancer research projects worth 92 million EUR, which resulted in 316 publications in 2021, with an average impact factor of 8.</p> <p>With AECC Talent new fellowship programme, FCAECC opens its fellowship programme for trans-national mobility, aiming to attract to Spain the most talented experienced researchers from abroad. AECC Talent will contribute to improve prevention, early diagnosis, monitoring and treatment of cancer patients, which are key intervention areas of the Horizon Europe Mission on Cancer. AECC Talent will fund 30 fellowships divided into two calls.</p> <p>Host organisations participating in the programme are accredited by FCAECC as excellent in cancer research by means of a rigorous assessment process that guarantees their quality, impact and leadership in cancer research at national and international level. Fellows will have a wide choice of entities and multidisciplinary teams in which to carry out the project of their interest, following a bottom-up approach. The 15 host organisations report a high number of international collaborations and participation in European and international projects and endorse the principles of the Charter & Code for Researchers</p>

PROYECTO	Carreras Postdoc Program Empowering Future Leaders to Fight Blood Cancers
ACRÓNIMO	CarrerasLeaders
BENEFICIARIO	FUNDACIO INSTITUT DE RECERCA CONTRA LA LEUCEMIA JOSEP CARRERAS
TIPO	Programa de incorporación de personal investigador
FONDOS CE	2.292.480€
CONTRATACION	16 investigadores/as
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>Carreras Leaders is a new innovative and international postdoctoral programme designed by the Josep Carreras Leukaemia Research Institute (IJC), an independent, non-profit biomedical research institute that is part of the Government of Catalonia network of Research Centres (CERCA). IJC is the first European institute exclusively devoted to leukaemia and other malignant blood diseases.</p> <p>The aim of the programme is to fund 16 excellent postdoctoral researchers for a period of 36 months. The selection of the fellows is merit-based, founded on peer review in an open and transparent selection procedure. Carreras Leaders is addressed to boost career perspective of researchers from a three-dimensional perspective: leadership, independence and consolidation. This is a world-wide unique postdoctoral program that covers the entire spectrum of research and innovation in blood cancers and goes from understanding disease biology to the implementation of products and processes in the market and into the clinical practice through the development of a global translational approach.</p> <p>Applicants will have complete freedom of research choice within the scope of blood cancers and will be offer highly attractive working conditions and a healthy, inspiring and creative working environment. Carreras Leaders is designed based on the following objectives:</p> <ol style="list-style-type: none"> 1. Training the next generation of scientist leaders to advance on the cure of blood cancers, multiplying each one's skills sets and networks via targeted Career Development Plans and mentoring. 2. Improve the quality of blood cancers postdoctoral research training, more targeted addressed to the researchers and societal needs. 3. Enhanced cooperation and transfer knowledge between sectors and disciplines. 4. Enable outstanding junior researchers to develop their research careers to an advanced and more independent level in a leading institution such as IJC. 5. Increase the competitiveness of the IJC blood cancers community

PROYECTO	DOctoral training programme in Functional Advanced Materials: Towards a Better Future
ACRÓNIMO	DOCFAM-PLUS
BENEFICIARIO	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS – Instituto de Ciencia de Materiales de Barcelona (ICMAB-CSIC)
TIPO	Programa de doctorado
FONDOS CE	2.620.800€
CONTRATACION	26 investigadores/as predoctorales
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>DOCFAM+ (DOctoral training programme in Functional Advanced Materials: Towards a Better Future) is a new excellent doctoral programme for the recruitment of 26 excellent doctoral researchers led by CSIC through ICMAB. It builds on the success and positive outcomes from the original DOCFAM programme by providing a new dimension through highly interdisciplinary and intersectoral research while fulfilling all the principles of Open Science and maintaining the highest research quality standards. The new programme includes the participation of 6 implementing partner organisations: ALBA Synchrotron Lightsource (ALBA-CELLS), Catalan Institute of Nanoscience & Nanotechnology (ICN2), Catalonia Energy Research Institute (IREC), High Energy Physics Institute (IFAE), the Institute of Microelectronics of Barcelona (IMB-CNM-CSIC) and the Autonomous University of Barcelona (UAB).</p> <p>DOCFAM+ involves a wide variety of research projects & hosting supervisors within the functional advanced materials sector, targeting three main applications in alignment with major European societal challenges: Clean & Secure Energy, Smart Nanomedicine and Sustainable & Low-Cost Electronics. It goes one step further by strengthening the collaborative approach of DOCFAM while enhancing the potential and future career perspectives of recruited fellows and consolidating the excellence and outstanding track-record of participating entities. The frontier research programme will be complemented with advanced training aspects through an integrating holistic approach to the training of doctoral fellows through a combination of research-oriented and demanding soft skills, in alignment with excellence in HR policies, the European Charter for Researchers & the Code of Conduct. The international & intersectoral aspects of the programme are boosted by the collaboration with several associated partner organisations, including start-ups, universities, research & technology organisations and synchrotron installations</p>

PROYECTO	Fostering research careers in LIGHT sciences
ACRÓNIMO	FLIGHT
BENEFICIARIO	FUNDACIO INSTITUT DE CIENCIES FOTONIQUES
TIPO	Programa de doctorado
FONDOS CE	3.024.000€
CONTRATACION	30 investigadores/as predoctorales
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>FLIGHT is a 60-month MCSA COFUND doctoral program that aims at recruiting outstanding early-stage researchers (ESRs) to carry out ambitious PhD-projects at ICFO in one of 3 tracks: Standard, Industrial or Clinical. It will offer 30 highly competitive fellowships of 36 months duration, through 3 calls, to outstanding international candidates, and equip them unique capabilities to become future leaders in academic, industrial and clinical research.</p> <p>FLIGHT aims to fostering career mobility of researchers beyond the academic sector. The program includes an extensive training program of multidisciplinary scientific workshops and training events where all Fellows are exposed to the interdisciplinary mix between academic research and industrial/clinical work. ESRs in the Industrial and Clinical tracks will undertake research projects in collaboration with one of 14 Industrial and Clinical partners, from innovative start-ups to multinational companies and leading local hospitals, who will co-finance the ESRs' research projects, and provide co-supervision, extended secondments, research and training resources.</p> <p>FLIGHT will equip recruited Fellows with unique capabilities to launch a research career at the intersection of photonic sciences with a wide range of industrial and clinical applications, and enhance the European talent base in a field – photonic sciences – identified as vital to the ongoing competitiveness of the European Research Area</p>

PROYECTO	IMDEA Nanociencia Doctoral Training Programme in Nanoscience
ACRÓNIMO	IDEAL Phd
BENEFICIARIO	FUNDACION IMDEA NANOCIENCIA
TIPO	Programa de doctorado
FONDOS CE	1.411.200€
CONTRATACION	12 investigadores/as predoctorales
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>IDEAL PhD programme is a new doctoral fellowship programme promoted by Fundación IMDEA Nanociencia (IMDEA Nano) that aims to attract 12 talented researchers in two open calls to undertake excellent research in any of the programmes at the Institute:</p> <ul style="list-style-type: none"> • P1 Nanotechnology for energy harvesting • P2 Quantum materials at the nanoscale • P3 Nanotechnology for healthcare • P4 Nanomagnetism for Information and Communication Technologies • P5 Ultrafast phenomena at the nanoscale • P6 Sustainable nanotechnologies and critical raw materials. <p>The research programmes are supported by a Platform for Disruptive Innovation which encourages links with industry to help achieve translation of results to market, provide support and facilities for prototyping, proof-of-concept testing, and scaling-up. Researchers will be offered secondments of 3-6 months at Partner Organisations relevant to their research careers both academic and non-academic, depending on preference.</p> <p>Within the IDEAL PhD programme, we aim to boost the careers of talented researchers offering them an innovative, truly interdisciplinary and intersectoral training in nanoscience and nanotechnology. IMDEA Nano is committed to providing a pool of researchers with the skills and knowledge needed to tackle the next challenges in the nanoscience field.</p> <p>Doctoral candidates will receive a well-balanced research independence and mentoring from an experienced scientific and management team as well as access to an infrastructure of the highest level for the pursuit of their projects in nanoscience and nanotechnology. Fundación IMDEA Nanociencia is a non-profit Foundation created in 2006 jointly by the regional government of Madrid and the government of Spain to shorten the distance between research and society, providing new capacity for research, technological development and innovation in the field of Nanoscience and Nanotechnology</p>

PROYECTO	Reconstruction Biology in Plan Sciences Doctoral Training Program
ACRÓNIMO	rePLANT
BENEFICIARIO	CENTRE DE RECERCA EN AGRIGENOMICA CSIC-IRTA-UAB-UB (CRAG)
TIPO	Programa de doctorado
FONDOS CE	1.881.600€
CONTRATACION	14 investigadores/as predoctorales
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>The rePLANT (Reconstruction Biology in Plant Sciences) Doctoral Training Program is an ambitious research and training initiative coordinated by the Centre for Research in Agricultural Genomics (CRAG; Barcelona, Spain) together with the Max Planck Institute for Plant Breeding Research (MPIPZ; Cologne, Germany) and the John Innes Centre (JIC; Norwich, UK).</p> <p>rePLANT is designed to conduct, and train in, interdisciplinary and intersectoral collaborative research projects between the three participating institutions, with the additional collaboration and support of associated partner organisations (private companies, and research centres and academic institutions), both national and international.</p> <p>The program will offer fourteen (14) four-year doctoral fellowships and will be focused on: training in advanced research topics and technologies; training in non-research oriented transferable and transversal skills; collaborative research projects and secondments; and international networking in both the academic and the industrial sectors; all in order to enrich the training of the doctoral students and enhance their professional development while conducting projects of research excellence in the area of reconstruction biology in plant sciences.</p> <p>Reconstruction biology leverages current knowledge on plant traits and their underlying genes and molecules to understand trait diversification and innovation in a phylogenetic framework, i.e. within and between related species. rePLANT will conduct reconstruction biology at three levels of biological organisation: cell-free systems, whole organisms and ecosystems. With rePLANT, we expect to define quantitative trait models and uncover emergent properties, i.e. system features that the individual components do not have, as well as insights into how far a given trait can be diversified without pleiotropic effects.</p>

PROYECTO	Australia – France Network of Doctoral Excellence
ACRÓNIMO	AUFRANDE
BENEFICIARIO	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY SPAIN, S.L.
TIPO	Programa de doctorado
FONDOS CE	7.526.400€
CONTRATACION	64 investigadores/as predoctorales
DURACIÓN TOTAL DEL PROGRAMA	60 meses
DESCRIPCIÓN PROGRAMA	<p>AUFRANDE is a highly ambitious 15.6M€ interdisciplinary doctoral training program linking France and Australia through 64 unique doctoral training positions. Led by RMIT Europe with participation of 22 French and 15 Australian academic partners and supported by over 40 non-academic partners, AUFRANDE aims to create a critical mass of collaborative doctoral training agreements between multiple institutions across France and Australia, reinforced with regular events where Candidates and Supervisors come together, share common experiences and build a sustainable community. The many legal and procedural elements developed to link the French and Australian research ecosystems during AUFRANDE implementation will lay a strong foundation for long-term impact on future collaborations and careers. To ensure that AUFRANDE attracts top talent globally, all Candidates will:</p> <ul style="list-style-type: none"> • dual-enrol, earning doctoral degrees from both France and Australia • be employed in France on attractive salaries with full social security benefits • be able to extend contracts up to 3.5 years, giving ample time to complete secondments, research and training activities • spend up to 12 months on secondment in Australia, with generous 10,000€ travel allowance <p>Additionally:</p> <ul style="list-style-type: none"> • Each position will be advertised with at least three topics to choose from, proposed bottom-up by Supervisors across all disciplines • All research projects will have the direct involvement of a non-academic partner, ensuring inter-sectoral experiences and societal relevance of the research • Training schools will be held regularly at multiple locations across France and Australia, bringing Candidates and Supervisor together to learn and network. • Best practises in international co-supervision and doctoral training will be documented and shared with the international community <p>More information on RMIT website. https://www.rmit.edu.au/news/all-news/2022/august/aufrande</p>

