

Servizos de apoio da OTRI e oportunidades de participación para investigadores da UDC en programas de Ciencia Excelente

Convocatorias UE de apoio á Ciencia Excelente

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 - Accións Marie Curie
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Excellent Science

European Research Council (ERC)

Future & Emerging Technologies (FET)

Marie Skłodowska-Curie Actions (MSCA)

Research Infrastructures

Industrial Leadership

Leadership in Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal challenges

Health, demographic change and wellbeing

Food security, sustainable agriculture, forestry, marine, maritime, inland water and bio-economy

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource efficiency and raw materials

Inclusive, innovative and reflective societies

Secure societies – protecting freedom and security of Europe and its citizens

Spreading Excellence and Widening Participation

Science with and for Society

EIT

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Accións MSCA

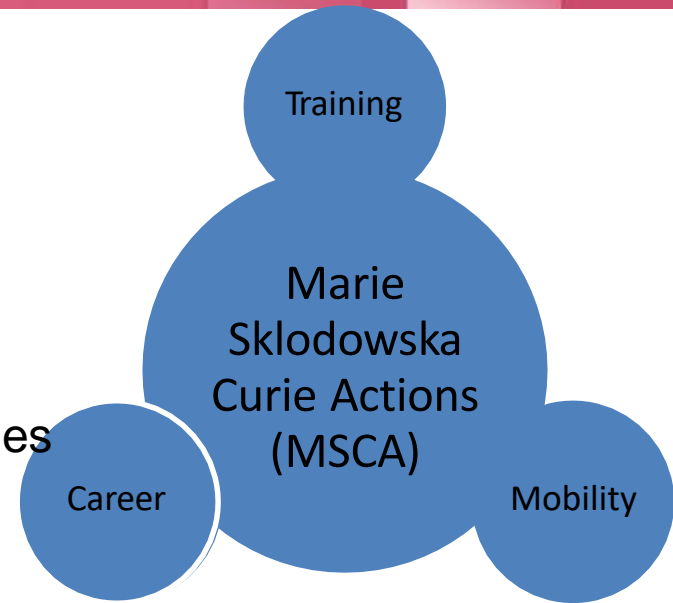
Individual Fellowships (MSCA IF 2018)

- Objectives
- Key Aspects
- Implementation modes (EF and GF) and main characteristics
- Financing
- **More info: Infoday Presentations**
<https://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/msca-if-2018.html>



MSCA Objectives

- ✓ **Excellent Science Pillar – Horizon 2020**
- ✓ **Bottom-up** approach
- ✓ Funding based on **Unit Costs**
- ✓ Support of the researchers' **career path** at all stages
- ✓ **Mobility** is a key requirement
- ✓ Acquisition of **new** and **complementary skills**
- ✓ **Strong industry participation**
- ✓ **Excellent working conditions**, gender balance and open recruitment
- ✓ Emphasis on communication and **public engagement activities**



CHE
Chemistry

SOC
Social
Sciences and
Humanities

ECO
Economic
Sciences

ENG
Information
Science and
Engineering

ENV
Environmental and
Geosciences

LIF
Life
Sciences

MAT
Mathematics


PHY
Physics



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Marie Skłodowska-Curie Actions

 <p>ITN Innovative Training Networks</p> <p>What does it offer? High-quality research training delivered through interdisciplinary networks, industrial doctorates or joint doctorates.</p> <p>Who applies? International networks of research organisations from the academic and non-academic sectors</p> <p>Who is funded? Researchers at doctoral level (less than 4 years of full-time research experience and no doctoral degree)</p> <p>Próxima abertura setembro 2018</p>	 <p>Open now</p> <p>IF Individual Fellowships</p> <p>What does it offer? Opportunities to work on personal research projects by moving between countries and possible sectors to acquire new skills.</p> <p>Who applies? Individual researchers together with the host organisations</p> <p>Who is funded? Postdoctoral researchers</p> <p>273 Mn € Aberta até 12 setembro 2018</p>	 <p>RISE Research & Innovation Staff Exchange</p> <p>What does it offer? The exchanges of staff members involved in research and innovation to develop sustainable collaborative projects and the transfer of knowledge.</p> <p>Who applies? International networks of research organisations from the academic and non-academic sectors</p> <p>Who is funded? Researchers, technical administrative and managerial staff of any nationality and at all career levels</p> <p>Próxima abertura dezembro 2018</p>	 <p>Open now</p> <p>COFUND Co-Funding of Regional, National & International Programmes</p> <p>What does it offer? Regional national or international programmes to foster excellence in training mobility and career development of researchers</p> <p>Who applies? Organisations funding or managing doctoral or fellowships programmes</p> <p>Who is funded? Researchers at doctoral and postdoctoral level</p> <p>80 Mn € Aberta até 27 setembro 2018</p>
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European Fellowships

Researcher applies
with European host

Host signs
contract with EC

Host employs
researcher

Global Fellowships

Researcher applies
with European host

European host signs
contract with EC

European Host
employs researcher

Supported by non-
European host
(Partner
Organisation: P.O)

P. O. signs agreement
with European host

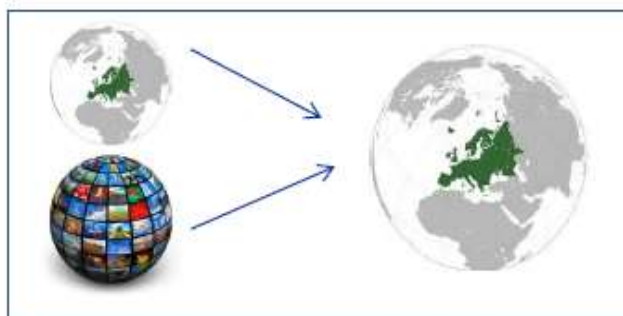
Researcher seconded
to P.O outside Europe



MSCA - IF 2018: European Fellowships



MSCA - IF 2018: Standard European Fellowships






STANDARD EUROPEAN FELLOWSHIP

- ☐ ER de **cualquier nacionalidad** que deberá desplazarse o haberse desplazado **desde cualquier país al EM / PA** donde esté localizada la **Entidad de Acogida**
- ☐ **Regla de movilidad:** no + de 12 meses / últimos 3 años en el país de acogida, a fecha cierre convocatoria.
- ☐ **Duración proyecto:** De 12 a 24 meses (posibilidad de estancias).



MSCA - IF 2018: Implementation

European Fellowships

EUROPEAN FELLOWSHIPS	Standard Fellowship	Career Restart Panel	Reintegration Panel	Society and Enterprise Panel ⁽²⁾
What it is about?	Mobility within countries	Break in research: at least 12 months prior to call deadline	For researchers to return and reintegrate in Europe	Career opportunities for researchers in the non-academic sector
Nationality			MS/AC national or long-term residents ⁽¹⁾	









⁽¹⁾ Any nationality if at any time in the past the researcher has spent at least **5 years of consecutive research** in one or more Member State or Associated Country to H2020

⁽²⁾ **NON-ACADEMIC BENEFICIARIES:** It includes all non-academics organisations, from industry to business (including SMEs), government, civil society organisations (NGOs, trusts, foundations, etc.), some cultural institutions, museums, hospitals, and international organisations (like the UN or WHO)



MSCA - IF 2018: Mobility rule

European Fellowships

EUROPEAN FELLOWSHIPS	Standard Fellowship	Career Restart Panel	Reintegration Panel	Society and Enterprise Panel
To 	From  	From  	From 	From  
Mobility rule (12/09/18)	The researcher must not have resided or carried out his/her activity in the country of the beneficiary for more than 12 months in the 3 years immediately before call deadline	The researcher must not have resided or carried out his/her activity in the country of the beneficiary for more than 36 months in the 5 years immediately before call deadline	The researcher must not have resided or carried out his/her activity in the country of the beneficiary for more than 36 months in the 5 years immediately before call deadline	The researcher must not have resided or carried out his/her activity in the country of the beneficiary for more than 36 months in the 5 years immediately before call deadline



MSCA - IF 2018: Global Fellowships



- ☐ Duración: 12-24 meses fase fuera de Europa + 12 meses de retorno obligatorios en Europa.
- ☐ **ER elegibles: residentes de larga duración o nacionales MS / AC**
- ☐ de cualquier país al país de acogida en Tercer País
- ☐ La **Regla de movilidad se debe cumplir** en el **país de acogida en fase fuera de Europa.**
- ☐ La entidad beneficiaria siempre estará localizada en EM / PA
- ☐ Participación mínima: 1 beneficiario en EM / PA + 1 Partner Organisation en Tercer País
- ☐ **Cartas de Compromiso** de los Terceros Países



MSCA - IF 2018: Key Concepts

RESEARCH EXPERIENCE

Experienced Researchers (ER)
Submission deadline: 12/09/18

MOBILITY RULE

Standard and Relaxed Mobility rules
Submission deadline: 12/09/18

MSCA

WHO CAN PARTICIPATE

Individuals: Restrictions on nationalities
Countries: MS, AC, Third Countries

HOW TO PARTICIPATE

Institutions: Beneficiaries, Partner
Organisations
Sectors: Academic and Non Academic



MSCA - IF 2018: Eligible researchers and institutions

Eligible researcher

- ✓ **Experienced researchers (ER):** PhD or at least 4 years of full-time equivalent research experience at the deadline of submission: 12/09/2018
- ✓ No upper age or experience limit.
- ✓ Nationality restrictions apply
- ✓ Mobility rule applies

• Eligible institution

- ✓ **Beneficiary:** based in Member State (MS) or Associated Country (AC) who will host, recruit and trains the ER.
- ✓ **Partner Organisation (1 and 2):** offers additional training and hosts the researcher during his / her **secondment**.
 - 1) outgoing phase (TC) in Global Fellowships.
 - 2) institutions for secondments in Europe



MSCA - IF 2018: Eligible countries

- **Member States (MS):** 28 countries (including overseas countries)
- **Associated Countries (AC)** to H2020
- **Third Countries (TP):** No MS, No AC

	Beneficiary	Partner Organisations
European Fellowships	Compulsory: MS / AC	Optional: MS / AC
Global Fellowships	Compulsory: MS / AC	Compulsory: TC Optional: MS / AC



MSCA - IF 2018: Project overview

- **Individual research project:** training-through-research under the direct supervision of the supervisor / key staff of the institution.
- **Hands on training:**
 - ✓ for developing scientific skills (new techniques, instruments, etc.)
 - ✓ for developing and acquiring transferable skills (communication, IPR, entrepreneurship, etc...)
 - ✓ Training in aspects such as RRI is essential
 - ✓ Research and financial management of the fellowship
- Intersectoral / interdisciplinary transfer of knowledge (**secondments...**):
 - ✓ Can spend up to 6 months (in total) working in another organisation in Europe
 - ✓ Opportunity to link with industry, NGOs, public sector, national archives, etc.
- **Organizing and taking part in events** (including public engagement)
- Must be managed by a **Career Development Plan**



MSCA - IF 2018: Secondments

- ✓ **Have to take place in a Partner Organisation in a MS / AC**
- ✓ **Meaningful** and **appropriate** to the type of fellowship and research field
- ✓ Ideally should take place in a different sector
- ✓ Partner Organisations: no need to include a letter of commitment
- ✓ The secondment can be split into several shorter periods
- ✓ If you cannot specify the precise host organisation at proposal stage, at least the sector, timing and purpose

IF Duration	Duration max. secondment
≤ 18 months	3 months
> 18 months	6 months



MSCA - IF 2018: Funding rates

MSCA	Researcher Unit Cost (person/month)			Institutional Unit Cost (person/month)	
	Living Allowance *	Mobility Allowance	Family Allowance	Research, training and networking	Management and overheads
IF	4.650	600	500	800	650

- ☐ Presupuesto calculado por la CE, en base a unidades de costes diferenciadas
- ☐ **Financiación al 100%**
- ☐ Living Allowance:
 - ✓ se le aplica el **factor de corrección del país de acogida**
 - ✓ importe bruto: 55.800€ / año (- cuota patronal, - impuestos, - S.S...)
 - ✓ concepto determinado a fecha de cierre de convocatoria.
- ☐ Los conceptos de Mobility y Family allowance se incluyen en la nómina
- ☐ Las entidades de acogida deberán asegurarse de la **elegibilidad** de los investigadores antes del Acuerdo de Subvención con la CE



MSCA - IF 2018: Proposal evaluation

Evaluation Criteria

Criteria	Weight	Priority (ex.aequo)
Excellence	50%	1
Impact	30%	2
Implementation	20%	3

Threshold: 70%
No individual thresholds

PART B

DOCUMENT 1

1. Excellence
2. Impact
3. Implementation

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DOCUMENT 2

4. CV of the experienced researcher
5. Capacities of the participating organisations
6. Ethical aspects
7. Letters of Commitment of Partner Organisations (GF)



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Consello Europeo de Investigación (ERC)



European Research Council
Established by the European Commission

O Consello Europeo de Investigación ([ERC](#), [European Research Council](#)) busca financiar a longo prazo proxectos de investigadores excelentes e de seus equipos de investigación, para desenvolver unha investigación na fronteira do coñecemento e de alto risco.

O seu obxectivo específico é **“reforzar a excelencia, o dinamismo e a creatividade da investigación europea”**.



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OT 11

The program we all dream



Three types of grants + PoC

Starting Grants

starters
(2-7 years after PhD) up
to € 1.5 Mio
for 5 years

Consolidator Grants

consolidators
(7-12 years after PhD)
up to € 2.0 Mio
for 5 years

Advanced Grants

track-record of
significant research
achievements in the
last 10 years
up to € 2.5 Mio
for 5 years

Proof-of-Concept

bridging gap between research - earliest stage
of marketable innovation
up to €150,000 for ERC grant holders



European Research Council

- Excelencia científica: único criterio de avaliación (IP e proxecto)
- Todos os campos de investigación
- Proxectos individuais (IP)
- Financiamento atractivo [StG: 1,5 M€] [CoG: 2,0M€] [AdG: 2,5 M€] 5 anos
- Axudas asociadas ao IP, non a institución



Should you apply ?

- The ERC web page can be discouraging
“For research talents with proven potential only”
- *Very* strict resubmission rules
- You will never be *certain* you will get it, but ...
- Writing good proposals is a *crucial* asset
- Proposals which are not funded can be *reused*



THE ERC grants offer:

- *Independence, recognition and visibility*
- *Freedom* to chose your topic and your team
- *Financial autonomy* for five years
- Capacity to *negotiate* better conditions of work (with your current institution *or* another one)
- An international *quality label*



WHAT TO DO BEFORE APPLYING

- Focus on *high-quality science*
- Try to be *independent*
- Identify my panel(s)
- Find and meet grantees in my panel(s)
- Compare my CV with those of grantees
- Ask grantees evaluate my CV



ERC CALLS 2018

	<i>Starting Grant</i>	<i>Consolidator Grant</i>	<i>Advanced Grant</i>	<i>Synergy Grant</i>	<i>Proof of Concept Grant</i>
<i>Call identifier</i>	ERC-2018-StG	ERC-2018-CoG	ERC-2018-AdG	ERC-2018-SyG	ERC-2018-PoC
<i>Call Opens</i>	03/08/2017	24/10/2017	17/05/2018	03/08/2017	06/09/2017
<i>Deadline or cut-off dates for PoC</i>	17/10/2017	15/02/2018	30/08/2018	14/11/2017	16/01/2018 18/04/2018 11/09/2018

ERC CALLS 2019: SIMILAR TIMING!



Panel Structure

Life Sciences

- LS1 Molecular & Structural Biology & Biochemistry
- LS2 Genetics, Genomics, Bioinformatics & Systems Biology
- LS3 Cellular and Developmental Biology
- LS4 Physiology, Pathophysiology & Endocrinology
- LS5 Neurosciences & Neural Disorders
- LS6 Immunity & Infection
- LS7 Diagnostic tools, Therapies & Public Health
- LS8 Evolutionary, Population & Environmental Biology
- LS9 Applied Life Sciences & Biotechnology

Social Sciences & Humanities

- SH1 Individuals, Markets and Organisations
- SH2 Institutions, Values, Environment and Space
- SH3 The Social World, Diversity, Population
- SH4 The Human Mind and Its Complexity.
- SH5 Cultures and Cultural Production
- SH6 The Study of the Human Past

Physical Sciences & Engineering

- PE1 Mathematics
- PE2 Fundamental Constituents of Matter
- PE3 Condensed Matter Physics
- PE4 Physical & Analytical Chemical Sciences
- PE5 Materials & Synthesis
- PE6 Computer Science & Informatics
- PE7 Systems & Communication Engineering
- PE8 Products & Process Engineering
- PE9 Universe Sciences
- PE10 Earth System Science



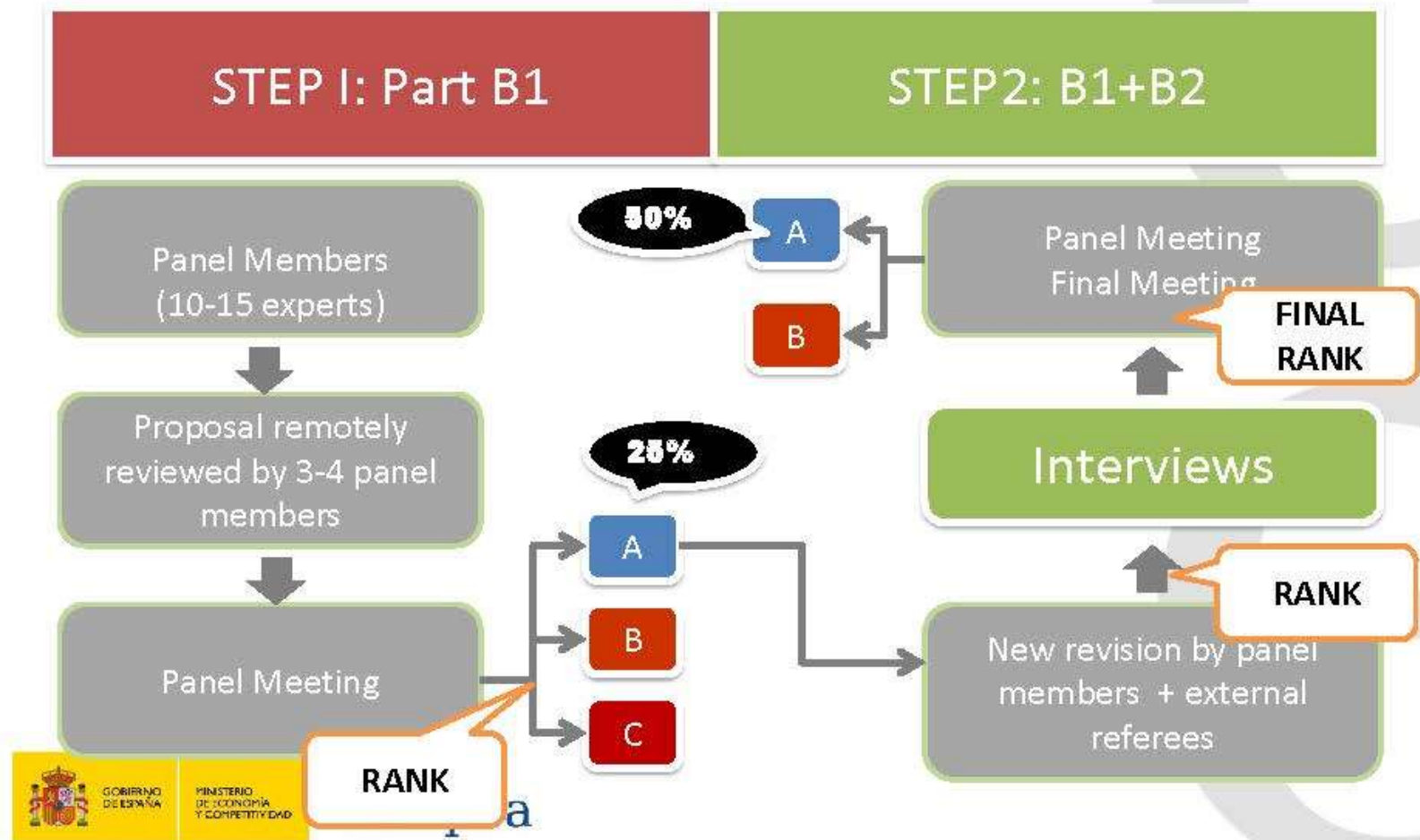
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europea



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The evaluation process: 2 steps



GRAZAS!

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