

European Research Council

Webinar I: Cómo preparar una propuesta ERC- Consolidator Grant 2023

06 de Octubre de 2022
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NCPs ERC

Representante español en el Comité de Programa



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Puntos nacionales de contacto

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WEBINAR COG-2023

- Los participantes están silenciados.
- Las preguntas se formulan por: www.menti.com code **1965 8243**
- Las presentaciones se colgarán en: <https://www.horizonteeuropa.es/webinars-erc-consolidator-grant-2023>
- El seminario se está grabando y quedará accesible a través del link de inscripción.
- Después de terminar, la plataforma GoToWebinar lanzará una encuesta de satisfacción. Os agradecemos mucho que la contestéis.

! *Uso de las siglas PI (Principal Investigator) y el lenguaje inclusivo
Diapos en inglés con algo de castellano*

SERIES OF WEBINAR COG-2023

Webinar II: aprendiendo de ERC-ConsolidatorGrant2021. La experiencia de 3 ERC Grantees.

NUEVA FECHA: 24/11/2022 de 10-12h

En este webinar se transmitirán sugerencias y consejos para solicitar una ERC-Consolidator Grant 2023 a través de la experiencia de 3 Principal Investigators de la pasada convocatoria resuelta, uno por cada dominio científico. La última media hora se dedicará a resolver cuestiones de la audiencia.

- ERC-Consolidator Grant 2021- Estadísticas generales
- Ángel Goñi-Moreno.** ECCO: Evolutionary Cellular Computing for Environmental Synthetic Biology. Universidad Politécnica de Madrid. PE6.
- Karim Lekadir.** AIMIX: Inclusive Artificial Intelligence for Accessible Medical Imaging Across Resource-Limited Settings. Universitat de Barcelona. LS7.
- TBC. Grantee Social Science domain

•URL

inscripción: <https://attendee.gotowebinar.com/register/2621337301897866253>

de

- NO se grabará.

ERC Grants en España (2014-2022)

550

ERC Grants

3850

ERC Team Members

810

Millones de Euros

90 instituciones



Fuente: <https://erc.easme-web.eu/> (datos del 15/09/2022 con proyectos con GA firmado)

INDICE

- Características principales ERC
- ERC Consolidator Grant 2023
- ERC evaluation process & criteria
- Sections B1b y B1c
- Apoyo estatal y enlaces de interés

ERC: CARACTERÍSTICAS GENERALES

ERC: Características Generales



European Research Council

Established by the European Commission

- Abierto a investigadores de todo el mundo
- **Proyectos individuales, innovadores, ambiciosos que no sean incrementales**
- Sin prioridades temáticas, en cualquier campo de Investigación con naturaleza multi o interdisciplinar
- **Investigación de frontera, “alto riesgo/alto beneficio”** en cualquier campo científico
- Único criterio de evaluación: **excelencia científica** de la propuesta de investigación y del investigador principal
- Evaluación por científicos de alto prestigio internacional
- Ofrece al personal investigador: **Independencia, reconocimiento y visibilidad**

ERC: What is?

Horizon
Europe



➔ Funding: Horizon Europe budget (2021-2027) Pillar I

EUR 16 billion

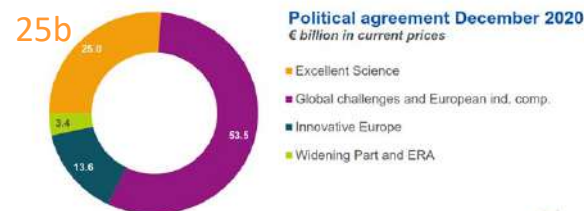
ERC budget in Horizon Europe

17%

of the entire
Horizon Europe
budget

Horizon Europe Budget: €95.5 billion (2021-2027)

(including €5.4 billion from NGEU – Next Generation Europe – programme of EU for Recovery from COVID-19 crisis)



➔ The Scientific Council (ScC) <https://erc.europa.eu/about-erc/erc-president-and-scientific-council>



22 prominent researchers appointed by the EU Commission
Scientific Strategy, Quality control of evaluation process,
communication Strategy

➔ The ERC Executive Agency (ERCEA) <https://erc.europa.eu/about-erc/erc-executive-agency-ercea>

Implementation of the calls for proposals, Management of the
Grants

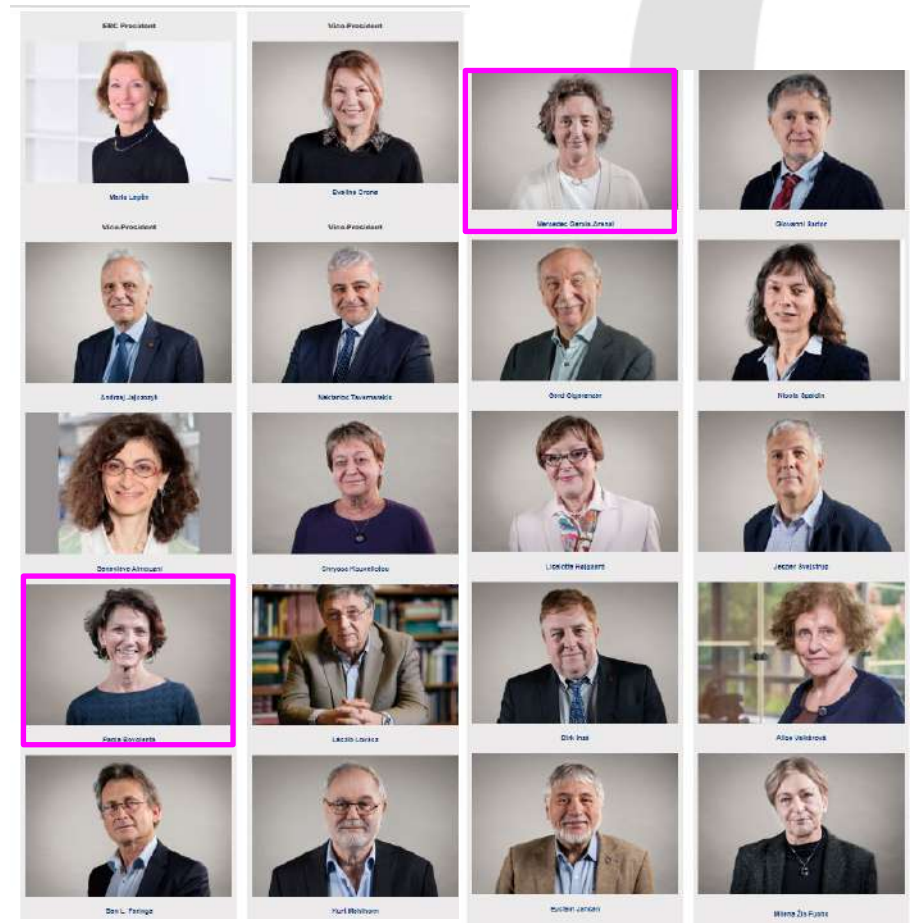
ERC The Scientific Council

Maria Leptin is the President of the ERC since 1 November 2021, former Director of EMBO (European Molecular Biology Organization)

The Scientific Council is composed of 22 eminent scientists and scholars.

The members are appointed by the EC, on the recommendations of an independent Identification Committee.

The term of office of the members of the Scientific Council is limited to 4 years, renewable once.



Paola BOVOLENTA (ES)

Mercedes GARCIA-ARENAL (ES)

<https://erc.europa.eu/about-erc/erc-president-and-scientific-council>

Prof. Sylvie Lorente <https://erc.europa.eu/news/New-ScCmembers-2022-Sep>

ERC Grant Schemes

STARTING GRANTS

Grants up to **1.5€ million** for 5 years

For promising early-career researchers with **2 to 7 years** experience **after PhD**

To develop their career and establish their own team

PI Commitment: >50%

CONSOLIDATOR GRANTS

Grants up to **2€ million** for 5 years

For excellent researchers with **7 to 12 years** experience **after PhD**

To consolidate their research team or programme

PI Commitment: >40%

ADVANCED GRANTS

Grants up to **2.5€ million** for 5 years

For **established research leaders** with a recognised 10 years track record of research achievements

To develop a new and outstanding project

PI Commitment: >30%

SYNERGY GRANTS

Grants up to **10€ million** for 6 years

To address ambitious research questions that can only be answered by the coordinated work of a **small group of 2-4 principal Investigators**

PROOF OF CONCEPT

Lump Sum Grant of **150.000€** for 18 months

For existing ERC grant holders to bring their research **ideas closer to market/society**

✓ **Additional funding**

✓ **Extensions eligibility window**

Minimum 50% of PI working time in an EU Member State or Associated Country

ERC Profile

STARTING GRANTS

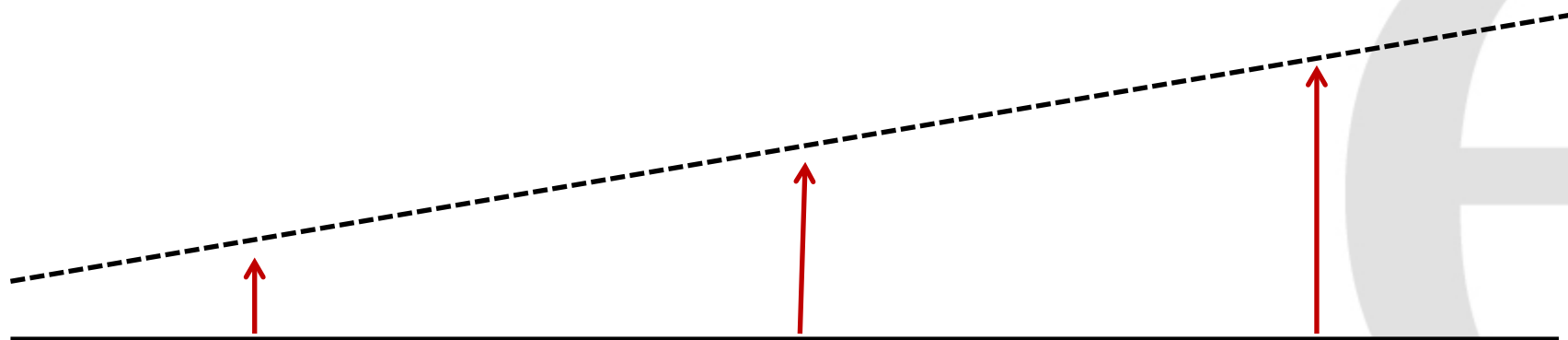
must have already shown the potential for research independence and evidence of maturity, e.g. **at least one important publication** as main author or **without** the participation of their **PhD supervisor**

CONSOLIDATOR GRANTS

must have already shown research independence and evidence of maturity, e.g. by having produced **several important publications as main author or without** the participation of **their PhD supervisor**.

ADVANCED GRANTS

are expected to be **active researchers** and to have a track record of **significant research achievements**



Calendario WP 2023

Indicative summary of calls from the 2023 budget¹⁹

	Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
Call Identifier	ERC-2023-StG	ERC-2023-CoG	ERC-2023-AdG	ERC-2023-SyG
Call opens	12/07/2022	28/09/2022	08/12/2022	13/07/2022
Call deadline	25/10/2022	02/02/2023	23/05/2023	08/11/2022
Budget million EUR (estimated number of grants)	628 (407)	595 (300)	597 (246)	300 (30)
Planned dates to inform applicants after each step	26/05/2023	07/07/2023	19/01/2024	04/05/2023
	25/08/2023	08/12/2023	19/04/2024	04/09/2023
Indicative date for signature of grant agreements				14/11/2023
	23/12/2023	06/04/2024	17/08/2024	02/04/2024

Without funding from AC (120M€ expected)

ERC Guides – 3 essential documents

ERC Work Programme Information for Applicants

1 / calls calendar



- IfA to StG & CoG calls
- IfA to AdG call
- IfA to SyG call
- IfA to PoC call



Guide for Peer Reviewers

- GfPR StG & CoG calls
- GfPR AdG call
- GfPR SyG call
- GfPR PoC call



ERC CONSOLIDATOR GRANT 2023

ERC Consolidator Grant?

Are you a scientist who **wants to consolidate your independence by establishing a research team** and continuing to develop a success career in Europe? The ERC Consolidator Grant could be for you. You can **also apply if you have recently created an independent, excellent research team and want to strengthen it.**

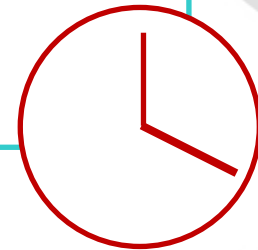
CONSOLIDATOR GRANT 2022

ERC-2023-COG

Open: 28-09-2022

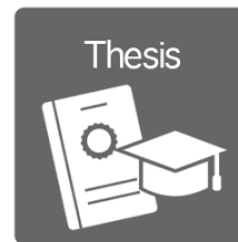
Deadline: 02-02-2023

595 million EUR
(300 grants)



The aim is to promote **substantial advances** in the **frontiers of knowledge**, and to encourage **new productive lines** of enquiry and **new methods and techniques**, including **unconventional approaches** innovative projects, with the aim of a far-reaching impact for the long-term benefit of all.

PhD reference date



! WP2023: PhD reference date for the calculation of the eligibility period from the date of the actual award according to the national rules of the country where the degree was awarded to the date of the successful PhD defence.

De acuerdo con el **Real Decreto 1002/2010, de 5 de agosto, sobre expedición de títulos universitarios oficiales, en su artículo 3, punto 4 establece lo siguiente:**

4.Los títulos universitarios oficiales, expedidos de conformidad con lo previsto en este real decreto, surtirán efectos plenos desde la fecha de la completa finalización de los estudios correspondientes a su obtención.

La fecha de expedición del título se corresponde con la fecha de abono de las tasas para su expedición. **La legislación española dice, por tanto, que es la fecha de completa finalización (cumplimiento del último de los requisitos = día de lectura), no el de expedición, lo que hay que considerar.**

<https://www.boe.es/buscar/doc.php?id=BOE-A-2010-12621>

Por tanto, para el caso de los títulos de PhD expedidos en España, no cambia nada. **Se seguirá considerando el día de defensa del título, como hasta ahora.**

PhD reference date

! WP2023: PhD reference date for the calculation of the eligibility period from the date of the actual award according to the national rules of the country where the degree was awarded to the date of the successful PhD defence.

Imperial College
London

TO WHOM IT MAY CONCERN

Surname:
Forenames:

This is to certify that the above named student was registered at this College in the Department of Chemistry as a Full Time Postgraduate student.

Course: Chemistry Research
Period of Study: 29 September 2012 to 28 September 2016
Qualification Obtained and Awarding Body: Diploma of the Imperial College (DIC)
PhD degree of Imperial College London
Date of Award: 1 February 2016
Research Topic:
Thesis Title:

submitted his thesis for exam on 28 October 2015; he was orally examined (viva voce) on 20 November 2015. His examiners determined he pass, subject to completing minor thesis amendments to their satisfaction. The candidate's examiners accepted the amended thesis for award on 12 January 2016. The degree was awarded 1 February 2016 in line with the College's procedures.

Imperial College London became a university in its own right with its own degree-awarding powers in July 2007, and accordingly appears in the United Kingdom Department for Business Innovation & Skills list of "recognised bodies" at www.bis.gov.uk/policies/higher-education/recognised-uk-degrees.

ERC extensions to the eligibility window

Consolidator Grants | **ERC-2023-CoG**

Entre > 7 y ≤ 12 años de experiencia posdoc antes del 01/01/2023.

Fechas de corte: **PhD awarded from 01/01/2011 – 31/12/2015 (incluidos).**

Consideration of achievements over a longer period than:

Circumstances:

- **Maternity:** 18 months extension for each child born. Longer maternities also considered.
- **Paternity:** elapsed time of paternity leave taken until the call deadline for each child born.
- **Long-term illness, clinical qualifications or national service:** amount of leave taken by the Principal Investigator until the call deadline for each incident which occurred after the PhD award.
- Clinical training: extensión by the documented amount of clinical training received by the PI after the award of the first eligible degree and until the call deadline, **up to a maximum of 4 years.**
- seeking asylum
- being a victim of a natural disaster



ERC COG Grant Principal Investigator (PI)

- Devote at least 40% of their working time to the ERC-Consolidator Grant project over the 5 Years
- Spend at least 50% of their working time in EU/AC



ERC achievements track record

(Record of achievements appropriate to the field and at least matching one or more of the following benchmarks)

- **Up to ten (CoG) publications** in **major international peer-reviewed (p-r) multi-disciplinary scientific journals** and/or in the **leading international p-r journals, p-r conferences proceedings and/or monographs** of their respective research fields, highlighting those as **main author or without** the presence as co-author of their **PhD supervisor**
(properly referenced, field relevant bibliometric indicators* may also be included); **preprints** may be included, if **freely available** from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
- **Research monographs** and any translations thereof
- Granted **patent(s)**
- **Invited presentations to internationally established conferences** and/or international advanced schools
- **Prizes, awards, academy memberships**
- **Research expeditions** that the applicant PI has led
- Organisation of **international conferences** in the field of the applicant (membership in the steering and/or organising committee)
- **Major contributions to the early careers of excellent researchers**
- **Examples of innovation leadership**
- *** except the Journal Impact Factor**

The Host Institution (HI)



Any type of **legal entity**, private or public (universities, research centres, business,...)

Based in one of the **EU Member States**, or one of the **Associated Countries**.

! The PI does not necessarily need to be working at the Host Institution at the time when the proposal is submitted.

The HI is not an evaluation criteria, but a **HI commitment letter** is needed with the proposal.

Must have a **Gender Equality Plan** (at the time of GA signature)

Must **host and engage** the PI for the whole duration of the action

Must **guarantee** the PI **scientific independence**

Must provide research support and administrative assistance (if granted)



Signature of the Grant Agreement

Signature of a Supplementary Agreement with the PI

Project Budget for COG

Up to **2 million euros for 5 years** (60 months)

+ **Additional funding** up to **1M€** when these are necessary to carry out the proposed work:

- **"start-up" costs** for PIs moving to the EU or an Associated Country from elsewhere as a consequence of receiving the ERC grant and/or
- the **purchase of major equipment** and/or
- **access to large facilities** and/or
- other **major experimental and field work** costs, **excluding personnel costs.**

All funding requested is assessed during evaluation.

These costs are justified separately in the proposal. There is no definition of “equipment” or “facilities” and all requests will be evaluated by the peer review panel.

Project Budget for COG

Up to **2 million euros for 5 years** (60 months)

+ **Additional funding** up to **1M€** when these are necessary to carry out the proposed work

Additional funding: could you give concrete examples for all three main domains what could be financed by this budget?

	LS	PE	SH
(a) "start-up" costs for PI moving to the EU or an AC from elsewhere as a consequence of receiving the ERC grant	- Costs to purchase the equipment to set up the laboratory of the PI - Recruitment costs to hire team Travel costs of the PI to come to EU		
(b) the purchase of major equipment	Build a low-turbulence wind tunnel to study flight in controlled conditions	Supercomputer	Mobile scanning station
(c) access to large facilities	Access to vessels to conduct research in oceans	Access to a telescope facility	Access to archives or acquisition of images
(d) other major experimental and field work costs, excluding personnel costs	High amount of consumables to perform experiments	Specific tasks to be subcontracted (building of parts for satellites)	

EU contribution and management of the grant

An ERC grant can cover up to **100% of the total eligible direct costs** of the research **plus 25%** contribution towards **indirect costs**.

Direct costs:

- Personnel costs (PI + research team)
- Equipment (depreciation according HI rules **& capitalised costs**)
- Consumables
- Travels, publications,...



- **Se aplican las reglas de la Host Institution**
- **Flexibilidad:** se aceptan modificaciones mediante enmiendas al acuerdo de subvención
- **Informes**
 - (2) Informes científicos a la mitad y final del proyecto
 - (4) Financieros cada 18 meses
- Las ayudas reciben entre 25-40% de pre-financiación
- Gestión de los fondos por parte del IP
- Las ayudas son **portables**

EU contribution and management of the grant

An ERC grant can cover up to **100% of the total eligible direct costs** of the research **plus 25%** contribution towards **indirect costs**.

Direct costs:

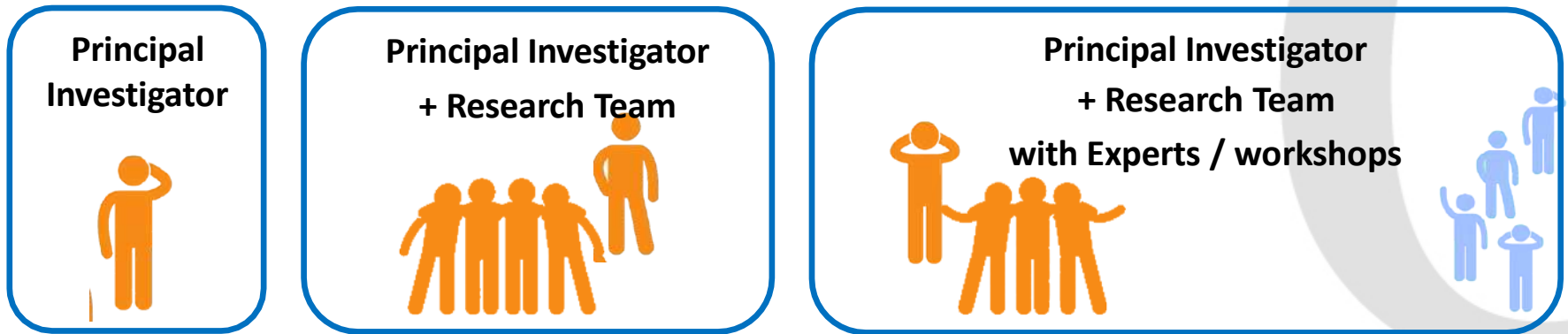
- Equipment (Pendiente de más detalles.)

Financial aspects 

Explicit provision for possibility of equipment to be declared as capitalised costs

Purchases of equipment, infrastructure, or other assets for the actions must be declared as depreciation costs. Moreover, an applicant can request to include in the GA equipment, infrastructure, or other assets purchased specifically for the action that may exceptionally be declared as full capitalised costs.

The PI + Team Members



El/la PI lidera el proyecto (no hay más PIs que generen consorcio o que sumen para evaluar el perfil individual)

El PI elige a sus **team members**, que participarán en este proyecto ERC.

Team members: personal de investigación de cualquier nivel: PhD students, Postdocs, personal técnico, personal especialista (senior staff), ...

A nivel de propuesta se definen roles necesarios.

A nivel de propuesta, los **team members** deben estar asignados a tareas/objetivos concretos del proyecto. Su participación debe ser necesaria.

Team Members

Los **team members** pueden ser del grupo de investigación o pueden ser nuevas personas. Pueden estar en la Host Institution o en otra institución.

Ejemplo:

El PI necesita tener a un posdoc trabajando en una institución alemana ya que ahí hay equipamiento especializado para llevar a cabo algunos experimentos necesarios para la acción.

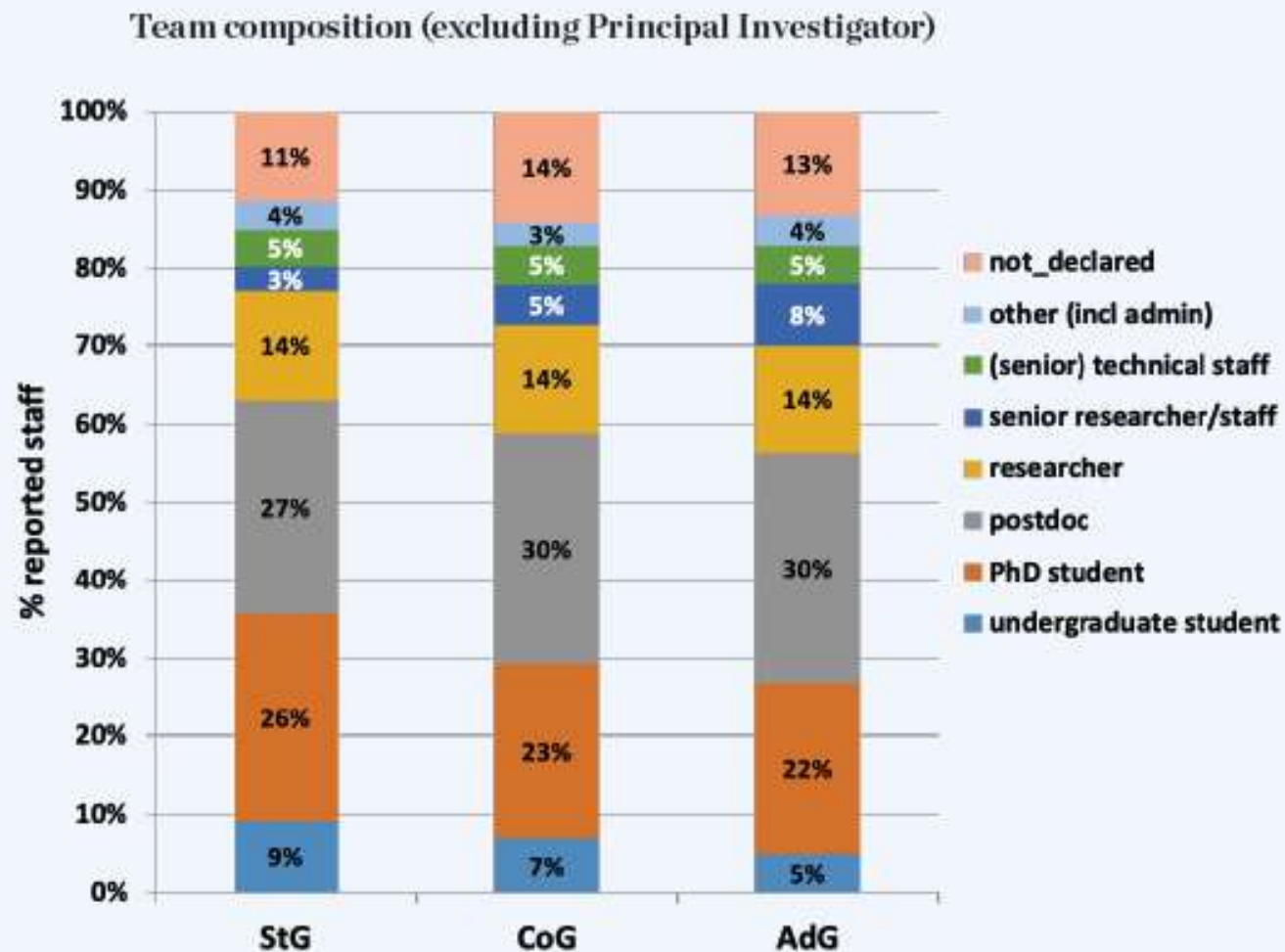
Opciones (máxima flexibilidad)

1. Team member contratado en la HI española; usa el equipamiento del laboratorio alemán en acuerdo con la *additional legal entity*.
2. Team member contratado directamente por el laboratorio alemán (*in-kind contribution provided outside the premises*)

Team Composition

Statistics of ERC project teams in Horizon 2020

(1,994 reporting projects; about 12,500 team members)



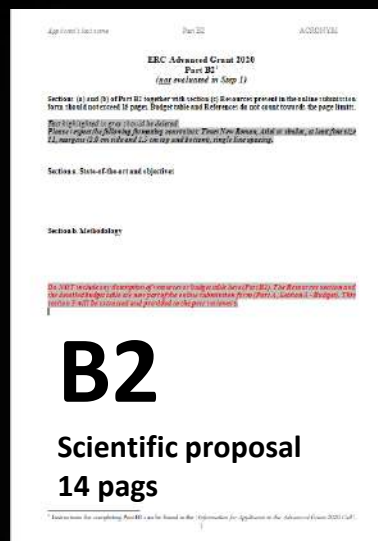
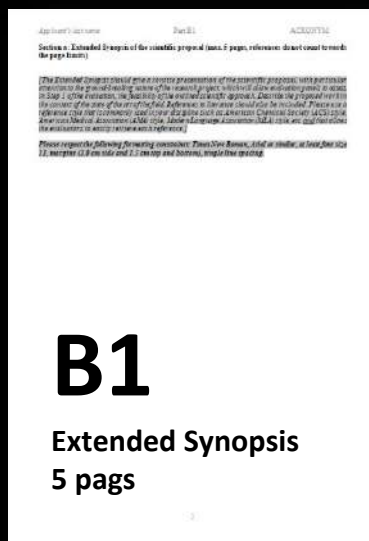
ERC 2023 PROPOSAL

EE

ERC 2023 Proposal – individual Schemes

One deadline | 2 steps evaluation process

The ERC full proposal = B1 + B2 + **PartA***



Parte A – Formularios online
A1 General Information
A2 Participants (GEP)
A3 Budget *
table + description (8.000c)
A4 Ethics and security
A5 Other questions
% Time commitment*
Exclusión hasta 3 evaluadores

Annexes

- HI support letter
- PhD certificate
- Ethics issues and security
- Eligibility window

Part B1 – documento pdf

- Cover Page and summary
- Extended Synopsis (5pags)
- Curriculum vitae (2pags)
- Track-record (2p)

Part B2 – documento pdf (14pags)

- SoA & objectives
- Methodology

ERC 2023 Proposal – Forms A

Parte A – Formularios online

A1 General Information

A2 Participants

A3 Budget

table + description (8000c)

A4 Ethics and security

A5 Other questions

Exclusión hasta 3 evaluadores

Annexes

- HI support letter
- Ethics issues and security
- Eligibility window
- PhD certificate

Gender Equality Plan

Does the organization have a Gender Equality Plan (GEP) covering the elements listed below? Yes No

Minimum process-related requirements (building blocks) for a GEP

- **Publication:** formal document published on the institution's website and signed by the top management
- **Dedicated resources:** commitment of human resources and gender expertise to implement it.
- **Data collection and monitoring:** sex/gender disaggregated data on personnel (and students for establishments concerned) and annual reporting based on indicators.
- **Training:** Awareness raising/trainings on gender equality and unconscious gender biases for staff and decision-makers.
- **Content-wise, recommended areas to be covered** and addressed via concrete measures and targets are:
 - o work-life balance and organisational culture;
 - o gender balance in leadership and decision-making;
 - o gender equality in recruitment and career progression;
 - o integration of the gender dimension into research and teaching content;
 - o measures against gender-based violence including sexual harassment.

Ethics issues table + Ethics Self-Assessment

- Ethical dimension of the objectives, methodology and likely impact
- Compliance with ethical principles and relevant legislations

Security issues table

ERC EVALUATION PROCESS & CRITERIA

ERC Evaluation panels

27 panels(11 PE, 9 LS, 7 SH)

Each panel covers a given breath of research topics, further detailed with its descriptors

15–20 subfields/descriptors per panel



When you submit, you need to indicate:

Primary ERC Review Panel : which will in principle evaluate the proposal

Secondary ERC Review Panel: *if applicable*

ERC Keyword 1: must be linked to the Primary Review Panel.

ERC Keyword 2-4: *if applicable, from any panel*

Free keywords: FREE text, they guide (but do not determine) the allocation of proposals to reviewers

ERC Panel Structure 2021/2022

Physical Sciences & Engineering

- PE1 Mathematics
- PE2 Fundamental Constituents of Matter
- PE3 Condensed Matter Physics
- PE4 Physical & Analytical Chemical Sciences
- PE5 Synthetic Chemistry and Materials
- PE6 Computer Science & Informatics
- PE7 Systems & Communication Engineering
- PE8 Products & Process Engineering
- PE9 Universe Sciences
- PE10 Earth System Science
- PE11 Materials Engineering (New)

Life Sciences (Revision on the descriptors)

- LS1 Molecules of Life: Biological Mechanisms, Structures and Functions
- LS2 Integrative Biology: from Genes and Genomes to Systems
- LS3 Cellular and Developmental Biology
- LS4 Physiology in Health, Disease and Ageing
- LS5 Neuroscience and Disorders of the Nervous System
- LS6 Immunity, Infection and Immunotherapy
- LS7 Prevention, Diagnosis and Treatment of Human Diseases
- LS8 Environmental Biology, Ecology and Evolution
- LS9 Biotechnology and Biosystems Engineering

Social Sciences and Humanities

- SH1 Individuals, Markets and Organisations
- SH2 Institutions, Governance and Legal Systems
- SH3 The Social World and its Diversity
- SH4 The Human Mind and Its Complexity
- SH5 Cultures & Cultural Production
- SH6 The Study of the Human Past
- SH7 Human Mobility, Environment, and Space (New)

https://erc.europa.eu/sites/default/files/document/file/ERC_Panel_structure_2021_2022.pdf

How to choose submission panel?

You are presenting a proposal involving (potentially) an important scientific advance

- **In which field?**
- **Which panel is covering that field?**
This is the panel which will have the evaluators best suited to appreciate the work you propose
- **Which descriptor(s) best cover it?**
Note that the panel should correspond to the first descriptor (or vice-versa)
- **Do not** indicate a secondary panel or descriptors for: **an instrument or technique *used*** (and not developed)
- Choose descriptors significant to the **advances** your proposal will bring

ERC Evaluation panels

27 panels (11 PE, 9 LS, 7 SH)

Each panel is composed by **16-18 panel members**.

The panel chair is known during the evaluation however the composition is made public once the results are published.

A panel may not include an expert in your discipline , they are semi-generalists

ERC 2023 panels ≈ ERC 2021 panels

<https://erc.europa.eu/document-category/evaluation-panels>



[Home](#) » [Info for Applicants](#)

EVALUATION PANELS

Old tid:
362

PANEL CHAIRS ERC ADVANCED GRANT 2020



European Research Council

Submitted by Paolo.BORGHESI on Thu, 07/05/2020 - 1:39pm

Read time: 0 mins

ERC PANEL STRUCTURE 2020



European Research Council

Submitted by Paolo.BORGHESI on Wed, 06/05/2020 - 11:23am

Read time: 0 mins

PANEL MEMBERS ERC PROOF OF CONCEPT 2019



European Research Council

Submitted by Paolo.BORGHESI on Wed, 05/02/2020 - 12:03pm

Read time: 0 mins

PANEL MEMBERS ERC CONSOLIDATOR GRANT 2019

Submitted by sengaai on Fri, 24/01/2020 - 8:32pm

Read time: 0 mins

PANEL CHAIRS ERC CONSOLIDATOR GRANT 2020

ERC Evaluation panels + Panel Members

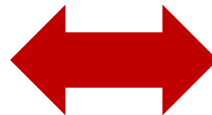
LS3 Evaluation Panel (subfields) 2021-2022

LS3 Cellular, Developmental and Regenerative Biology

For all organisms:

Structure and function of the cell, cell-cell communication, embryogenesis, organogenesis, growth, development, evolution of development, organoids, s therapeutic approaches

- LS3_1 Cell cycle, cell division and growth
- LS3_2 Cell senescence, cell death, autophagy, cell ageing
- LS3_3 Cell behaviour, including control of cell shape, cell migration
- LS3_4 Cell junctions, cell adhesion, the extracellular matrix, cell communication
- LS3_5 Cell signalling and signal transduction, exosome biology
- LS3_6 Organelle biology and trafficking
- LS3_7 Mechanobiology of cells, tissues and organs
- LS3_8 Embryogenesis, pattern formation, morphogenesis
- LS3_9 Cell differentiation, formation of tissues and organs
- LS3_10 Developmental genetics
- LS3_11 Evolution of developmental strategies
- LS3_12 Organoids
- LS3_13 Stem cells
- LS3_14 Regeneration
- LS3_15 Development of cell-based therapeutic approaches for tissue regeneration
- LS3_16 Functional imaging of cells and tissues
- LS3_17 Theoretical modelling in cellular, developmental and regenerative biology



LS3 Starting Grant Panel Members 2020

Cellular and Developmental Biology (LS3)

Elly Tanaka (Panel Chair)

Patrizia Agostinis
Michalis Averof
Anna Bigas
Lieven De Veylder
Margaret Frame
Jean Gruenberg
Pierre-Francois Lenne
Ruth H. Palmer
Hans-Reimer Rodewald
Iva Tolic
Kjetil Tasken
Eva Zazimalova

ERC Evaluation panels + Panel Members

LS3 Evaluation Panel (subfields) 2021-2022

LS3 Cellular, Developmental and Regenerative Biology

For all organisms:

Structure and function of the cell, cell-cell communication, embryogenesis, organogenesis, growth, development, evolution of development, organoids, therapeutic approaches

- LS3_1 Cell cycle, cell division and growth
- LS3_2 Cell senescence, cell death, autophagy, cell ageing
- LS3_3 Cell behaviour, including control of cell shape, cell migration
- LS3_4 Cell junctions, cell adhesion, the extracellular matrix, cell communication
- LS3_5 Cell signalling and signal transduction, exosome biology
- LS3_6 Organelle biology and trafficking
- LS3_7 Mechanobiology of cells, tissues and organs
- LS3_8 Embryogenesis, pattern formation, morphogenesis
- LS3_9 Cell differentiation, formation of tissues and organs
- LS3_10 Developmental genetics
- LS3_11 Evolution of developmental strategies
- LS3_12 Organoids
- PI ● LS3_13 Stem cells
- LS3_14 Regeneration
- LS3_15 Development of cell-based therapeutic approaches for tissue regeneration
- LS3_16 Functional imaging of cells and tissues
- LS3_17 Theoretical modelling in cellular, developmental and regenerative biology

LS3 Starting Grant Panel Members 2020

Cellular and Developmental Biology (LS3)

Elly Tanaka (Panel Chair)

Patrizia Agostinis

Michalis Averof

● Anna Bigas **Lead reviewer**

Lieven De Veylder

○ Margaret Frame

Jean Gruenberg

○ Pierre-Francois Lenne

Ruth H. Palmer

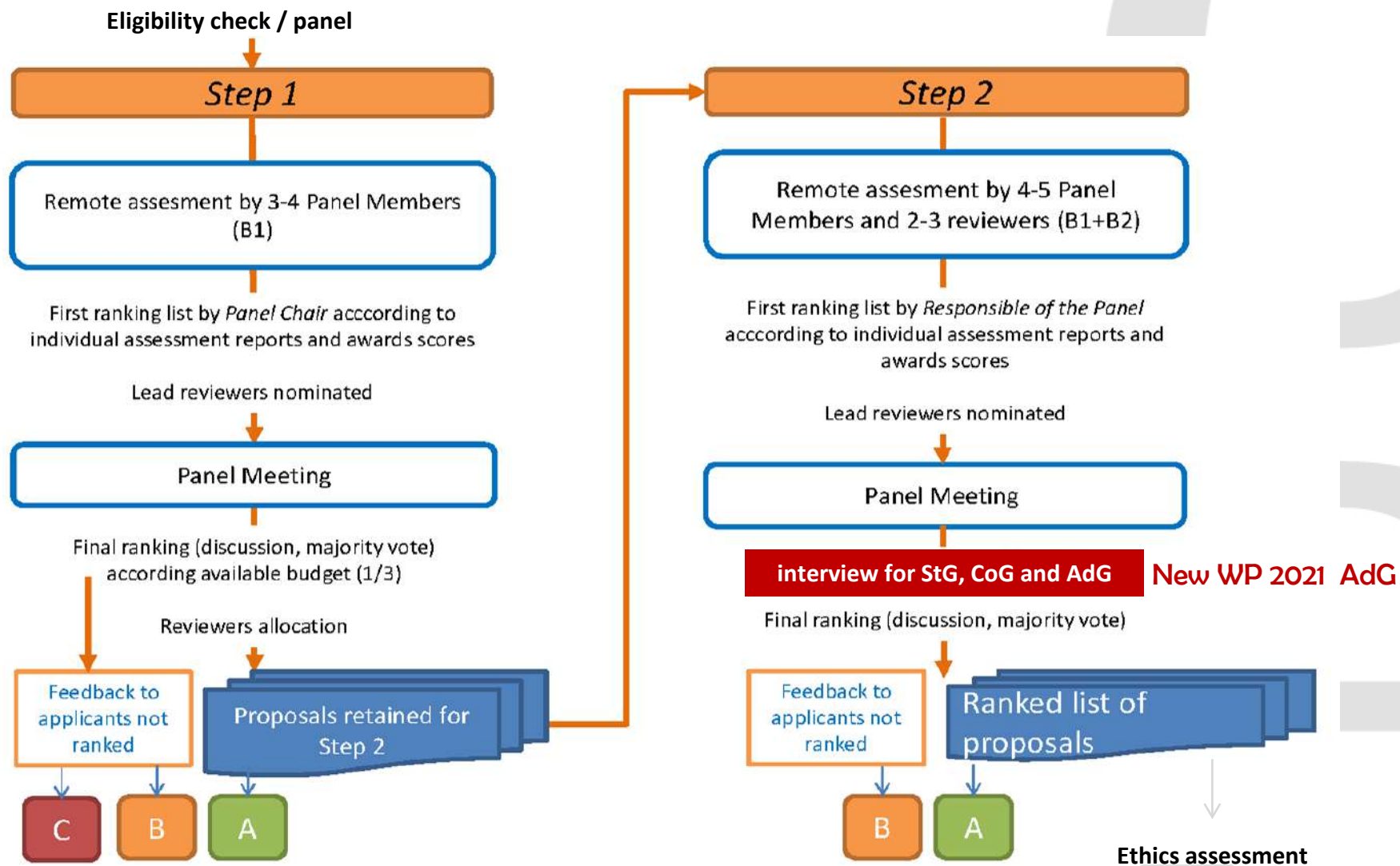
Hans-Reimer Rodewald

○ Iva Tolic

Kjetil Tasken

○ Eva Zazimalova

ERC Evaluation process StG, CoG & AdG



The interview

Presentation (3-10 min.) + Question (15 min) = Total 30min

Panel members: Top Science Experts , but possibly no expert in your field

Reports from Top Science Experts in your field

Consensus must be reached

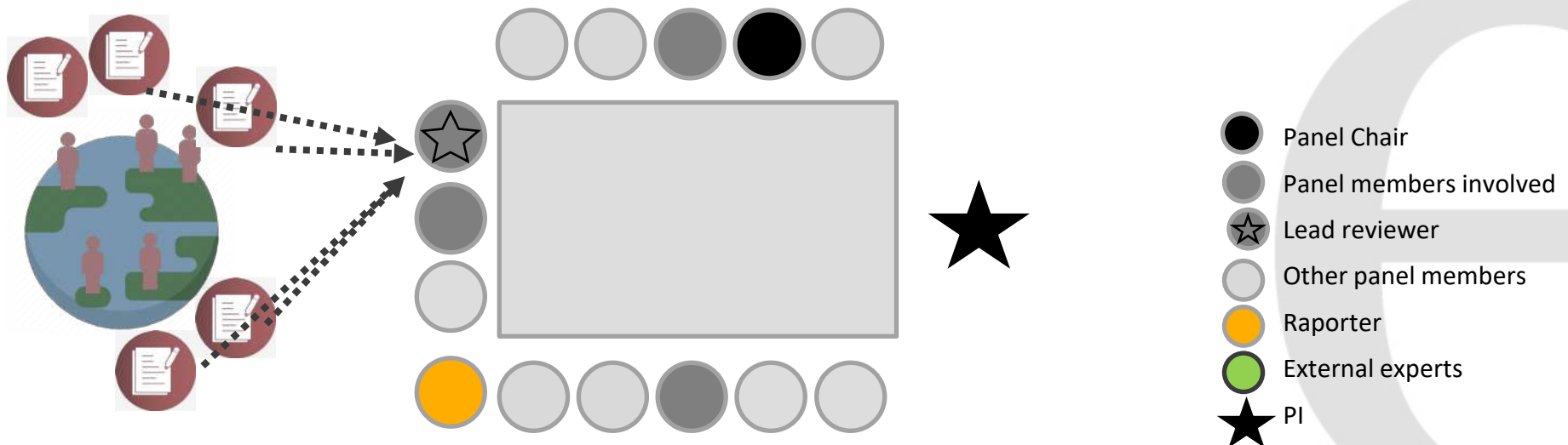
Challenges:

Present your project to general audience

Answer technical questions from experts

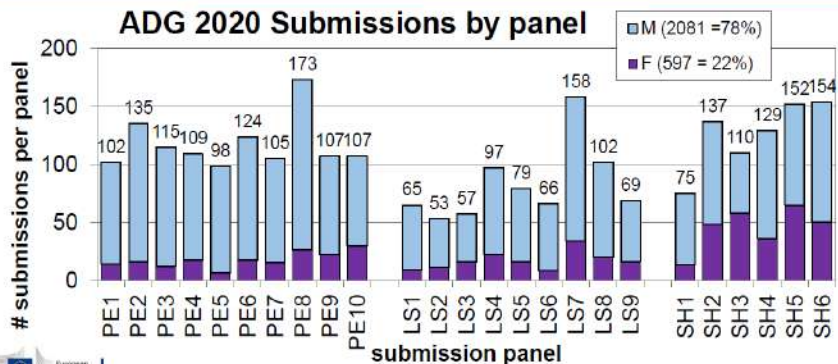
Answer broad questions from non-experts

Remote format

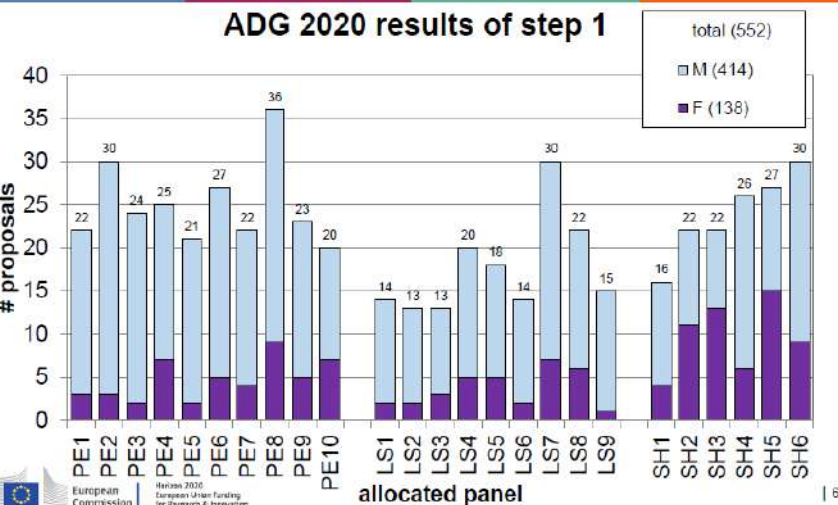


Ranking

ADG 2020: Submissions by panel and PI gender



ADG 2020 Results of Step 1 By panel and gender



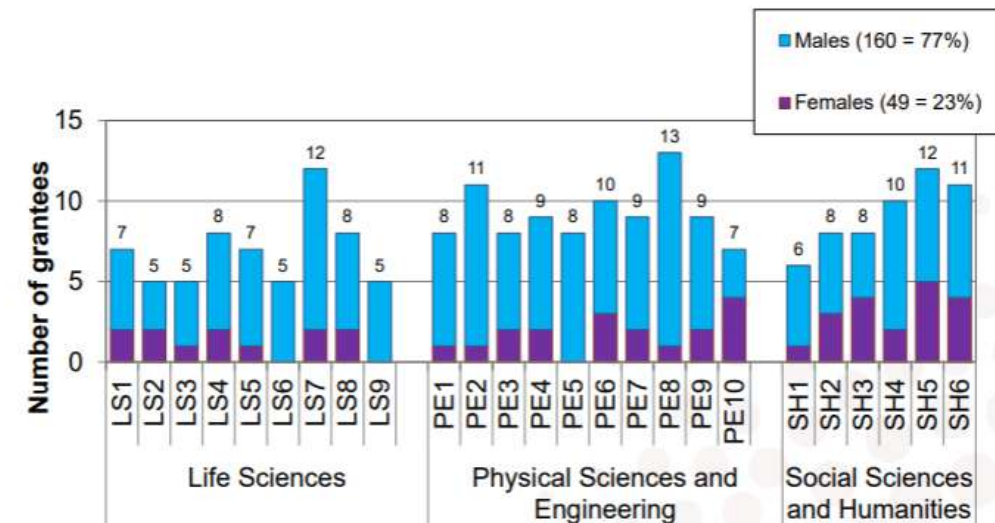
Advanced Grant 2020

Call budget: 492 Million Euro

Final call budget: 507 Million Euro

ERC Advanced 2020 Grantees by Panel and Gender

Total 209 grants



Panel Budget =

$\frac{\text{Requested EU Contribution (Panel)}}{\text{Requested EU Contribution (Total)}} \times \text{Available Budget}$

Restrictions on submission of proposals

Step 1 restrictions

Score C: 2 years
Score B: 1 Year

Step 2 NO restrictions

Score B
Score A
Reserve list
Main list

Call to which the Principal Investigator applied under previous ERC Work Programmes and proposal evaluation outcome		2023 ERC calls to which a Principal Investigator is <u>not</u> eligible
2021 and 2022 Starting, Consolidator, Advanced Grant or 2022 Synergy Grant	Rejected on the grounds of a breach of research integrity	Starting, Consolidator, Advanced, and Synergy Grant
2021 Starting, Consolidator, or Advanced Grant	C at Step 1	Starting, Consolidator, and Advanced Grant
2022 Synergy Grant	A or B at Step 3	No restrictions
	B at Step 1 or 2	No restrictions
	C at Step 1	Advanced and Synergy Grant
2022 Starting, Consolidator, or Advanced Grant	A or B at Step 2	No restrictions
	B or C at Step 1	Starting, Consolidator, and Advanced Grant

- A “C” score in Step 1 as outcome of ERC 2023 call may prevent you from resubmitting until 2026 calls.
- A “B” score in Step 1 as outcome of ERC2023 call may prevent you from resubmitting until 2025 calls.
- A “C” score in Step 1 as outcome of SynergyGrant call may prevent you from resubmitting to the following AdG and SyG call
- Restriction related to PIs holding an ongoing grant (except PoC) must end within 2 years after the call deadline
- Restrictions for PIs who served as panel members under previous calls apply.

Applicants may also be subject to restrictions on submitting proposals to future ERC calls based on the outcome of the evaluation. Applicants will need to check the restrictions in place for each call

Excellence is the sole evaluation criteria

applied to the PI + Research Project

*No industrial impact needed
No need for an EU dimension
Less money same chances*

Evaluation criteria ERC

Excellence is the sole evaluation criteria applied to the PI + Research Project

Principal Investigator - Intellectual capacity and creativity

- demonstrated the ability to conduct ground-breaking research?
- evidence of creative independent thinking? **Only for StG and CoG**
- required scientific expertise and capacity to successfully execute the project?
- demonstrated sound leadership in the training and advancement of young scientists? **Only for AdG**

Research Project - Ground-breaking nature, ambition and feasibility

Ground-breaking nature and potential impact of the research project **(B1+B2)**

- does the proposed research address important challenges?
- are the objectives ambitious and beyond the state of the art?
 - are there novel concepts and approaches or development between or across disciplines?
- is the proposed research high risk-high gain?

Scientific Approach

- is the outlined scientific approach feasible....high risk/high gain? **(B1)**
- are the proposed research methodology and working arrangements appropriate? **(B2)**
- does the proposal involve the development of novel methodology? **(B2)**
- are the proposed timescales, resources and PI commitment adequate? **(B2)**

ERC CoG 2023

Proposal B1b, B1c

1 step evaluation

- **B1**
- **Panel Members**

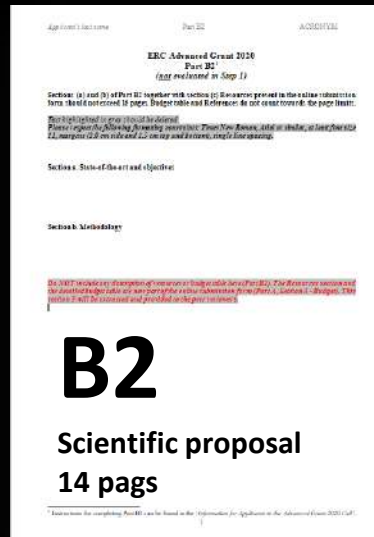
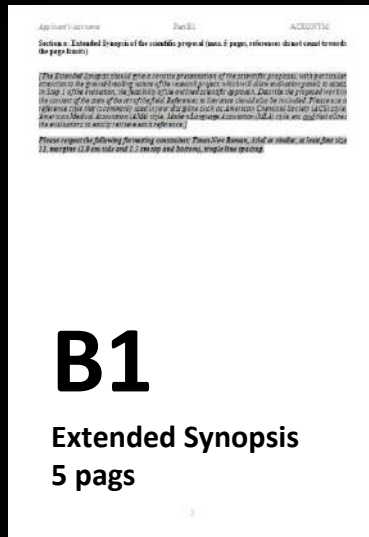
2 step evaluation

- **B1 + B2**
- **Panel Members + External referees**

ERC 2023 Proposal – individual Schemes

One deadline | 2 steps evaluation process

The ERC full proposal = B1 + B2 + **PartA***



Parte A – Formularios online
A1 General Information
A2 Participants (GEP)
A3 Budget *
table + description (8.000c)
A4 Ethics and security
A5 Other questions
% Time commitment*
Exclusión hasta 3 evaluadores

Annexes

- HI support letter
- PhD certificate
- Ethics issues and security
- Eligibility window

Part B1 – documento pdf

- Cover Page and summary
- Extended Synopsis (5pags)
- Curriculum vitae (2pags)
- Track-record (2p)

Part B2 – documento pdf (14pags)

- SoA & objectives
- Methodology

Section B1b Curriculum vitae

[Please follow the template below as closely as possible; it may be adapted as necessary]

Applicant's last name	Part B1	ACRONYM
Section b: Curriculum vitae (max. 2 pages)		
<i>[Please follow the template below as much as possible (it may however be amended if necessary).]</i>		
PERSONAL INFORMATION		
Family name, First name:		
Researcher unique identifier(s) (such as ORCID, Research ID, etc. ...):		
Date of birth:		
Nationality:		
URL for web site:		
• EDUCATION		
200?	PhD	Name of Faculty/ Department, Name of University/ Institution/ Country
	<u>Name of PhD Supervisor</u>	
199?	Master	Name of Faculty/ Department, Name of University/ Institution/ Country
• CURRENT POSITION(S)		
201?	Current Position	Name of Faculty/ Department, Name of University/ Institution/ Country
200?	Current Position	Name of Faculty/ Department, Name of University/ Institution/ Country
• PREVIOUS POSITIONS		
200? – 200?	Position held	Name of Faculty/ Department, Name of University/ Institution/ Country
200? – 200?	Position held	Name of Faculty/ Department, Name of University/ Institution/ Country
• FELLOWSHIPS AND AWARDS		
200? – 200?	Scholarship, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country	
200?	Award, Name of Institution/ Country	
199? – 199?	Scholarship, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country	
• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS (if applicable)		
200? – 200?	Number of Postdocs/ PhD/ Master Students	Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country
• TEACHING ACTIVITIES (if applicable)		
200?	Teaching position – Topic, Name of University/ Institution/ Country	
200? – 200?	Teaching position – Topic, Name of University/ Institution/ Country	
• ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)		
201?	Please specify your role and the name of event/ Country	
200?	Please specify type of event / number of participants / Country	

Applicant's last name	Part B1	ACRONYM
• INSTITUTIONAL RESPONSIBILITIES (if applicable)		
201?	Faculty member, Name of University/ Institution/ Country	
201? – 201?	Graduate Student Advisor, Name of University/ Institution/ Country	
200? – 200?	Member of the Faculty Committee, Name of University/ Institution/ Country	
200? – 200?	Organizer of the Internal Seminar, Name of University/ Institution/ Country	
200? – 200?	Member of a Committee, role, Name of University/ Institution/ Country	
• REVIEWING ACTIVITIES (if applicable)		
201?	Scientific Advisory Board, Name of University/ Institution/ Country	
201?	Review Board, Name of University/ Institution/ Country	
201?	Review panel member, Name of University/ Institution/ Country	
201?	Editorial Board, Name of University/ Institution/ Country	
200?	Scientific Advisory Board, Name of University/ Institution/ Country	
200?	Reviewer, Name of University/ Institution/ Country	
200?	Scientific Evaluation, Name of University/ Institution/ Country	
200?	Evaluator, Name of University/ Institution/ Country	
• MEMBERSHIPS OF SCIENTIFIC SOCIETIES (if applicable)		
201?	Member, Research Network: "Name of Research Network"	
200?	Associated Member, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country	
200?	Founding Member, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country	
• MAJOR COLLABORATIONS (if applicable)		
	Name of collaborators, Topic, Name of Faculty/ Department/ Centre, Name of University/ Institution/ Country	
• CAREER BREAKS (if applicable)		
Exact dates	Please indicate the reason and the duration in months.	
• COVID-19 IMPACT TO SCIENTIFIC PRODUCTIVITY (if applicable)		
Please specify which of the following situations apply to you:		
☐ Increased caring responsibility for dependent person, including home schooling of children;		
☐ No access to laboratory facilities, archives, or other necessary facilities;		
☐ No access to field work;		
☐ Adaptation to online teaching;		
☐ Physical and/or mental health issues;		
☐ Other(s) _____		
<i>(optional)</i>		
Explain with objective facts how your productivity was affected by the COVID-19 pandemic. There is a limit of 300 characters, spaces and line breaks included.		



WP 2022

Section B1b Curriculum vitae

[Please follow the template below as closely as possible; it may be adapted as necessary]

- **Personal Information:** declaración de hechos/ actualizar webs
- **Education:** PhD, Master, Licenciatura/ director(a) PhD/ distinciones
- **Current Position(s):** dobles afiliaciones/ posición adecuada para el proyecto
- **Previous Position(s):** si no hay movimientos, destacar los hechos por etapa
- **Fellowships & Awards:** también las rechazadas
- **Supervision of Students:** capacidad de gestionar un equipo y de crear escuela
- **Teaching Activities (if Applicable):** relac. temática del proyecto/distinguir nivel
- **Organis. Scientific Meetings:** muestra liderazgo
- **Institutional Responsibilities:** muestra capacidad de gestión/administrativa
- **Reviewing Activities:** regular reviewer/editorial boards...
- **Memberships Scientific Societies**
- **Major Collaborations:** con nombres e institución/ consorcios, co-autores...
- **COVID-19 impact to scientific productivity**
- **Career Breaks**

Section B1b Curriculum vitae

COVID-19 impact to scientific productivity

≠

ERC extensions to the eligibility window

- **COVID-19 IMPACT TO SCIENTIFIC PRODUCTIVITY (if applicable)**

Please specify which of the following situations apply to you:

- ☐ Increased caring responsibility for dependent person, including home schooling of children;
- ☐ No access to laboratory facilities, archives, or other necessary facilities;
- ☐ No access to field work;
- ☐ Adaptation to online teaching;
- ☐ Physical and/or mental health issues;
- ☐ Other(s) _____



WP 2022

(optional)

Explain with objective facts how your productivity was affected by the COVID-19 pandemic. There is a limit of 300 characters, spaces and line breaks included.

Section B1b Curriculum vitae

[Please follow the template below as closely as possible; *it may be adapted as necessary*]

POSITION		FUNDING: GRANTS AND FELLOWSHIPS
2013 – 2018	Ramón y Cajal Fellow, Group Leader. ICMol, UV, Spain	Ramón y Cajal Fellowship (Spanish government)
2011 – 2013	Research Associate, ICMol, UV, Spain	
2010 – 2011	Marie Curie fellow, ICMol, UV, Spain	Marie Curie Int. Out. Fellowship (CORDIS-FP7)
2008 – 2010	Marie Curie fellow, PITP, UBC, Canada	
2007 – 2008†	Postdoctoral fellow, PITP, UBC, Canada	Postdoctoral Fellowship, (Spain)
2007†:	Postdoctoral fellow, ICMol, UV, Spain	Postdoctoral Fellowship (Valencian regional government)
† :	until I resigned to accept the next Fellowship	
2004 – 2007	Research Associate, ICMol, UV, Spain	
2000 – 2004:	Early Stage Researcher, Dept. Inorg. Chem, UV, Spain	Predoctoral Grant (Valencia)
1998 – 1999	Student Collaborator, Dept. Inorg. Chem, UV, Spain	Collaboration Grant, (Spain)

At the *University A* and the *XYZ Scientific Centre*, Madrid, and from 1995 until now I have directed **17 PhD theses** (5 ongoing), and about **24 Master theses**. I have hosted about **12 postdocs** (2 ongoing). Of my former students, 4 are professors at the *University B* and 2 elsewhere in Paris. One is Associate Professor at *University topC (USA)*, and one is a Lecturer at *University topD (Japan)*. Several have gone into industry, and reached executive positions, including two company chairpersons and a vice-president of *XYZ Corporation*. Roughly half of the postdocs are faculty members at universities in Europe, the USA and Japan (one of them in Spain).

Section B1b Curriculum vitae

- **Commissions of Trust:** experto del Plan Nacional, de COST Actions...
- **Publications**
- **Some Selected Publications**
- **Funding: Projects:** los pasados. Los actuales en sección Funding ID
- **Outreach – Press – Media**
- **Patents**
- **Invited presentations to internationally established conferences and/or international advanced schools:** Key note speaker/participadas/conf. relevantes en tu campo
- **Research Expeditions:** no son field works/ larga duración/lideradas o participadas
- **Industrial/Architectural Designs**
- **Innovation leadership:** para aquellos campos que tenga una relación directa entre el estudio y la aplicabilidad en el mundo real
- **ALL RELEVANT ACTIVITIES**

Section B1b Curriculum vitae

Section b: Curriculum Vitae

PERSONAL INFORMATION

Gaita-Arriño, Alejandro Date of birth: May 26, 1976
 Instituto de Ciencia Molecular, Universidad de Valencia (UV)
 c/ Catedrático José Beltrán, 2, 46980, Paterna, Spain
 Tel: +34 96 354 4421 Fax: +34 96 354 3273



web page: <http://www.uv.es/gaita> e-mail: alejandro.gaita@uv.es
 Researcher ID: D-2110-2014

EDUCATION

2004	PhD in Chemistry	(grade: excellent Cum Laude)	University of Valencia, Spain
	supervisors:	Prof. E. Coronado and Dr. J.M. Clemente-Juan	
1999	MSc in Chemistry	(grade: excellent)	University of Valencia, Spain

POSITION

2013 – 2018 Ramón y Cajal Fellow, Group Leader.
 ICMol, UV, Spain

2011 – 2013 Research Associate, ICMol, UV, Spain

2010 – 2011 Marie Curie fellow, ICMol, UV, Spain

2008 – 2010 Marie Curie fellow, PTP, UBC, Canada

2007 – 2008† Postdoctoral fellow, PTP, UBC, Canada

2007† Postdoctoral fellow, ICMol, UV, Spain

† until I resigned to accept the next Fellowship

2004 – 2007 Research Associate, ICMol, UV, Spain

2000 – 2004 Early Stage Researcher, Dept. Inorg. Chem, UV, Spain

1998 – 1999 Student Collaborator, Dept. Inorg. Chem, UV, Spain

FUNDING: GRANTS AND FELLOWSHIPS

Ramón y Cajal Fellowship
 (Spanish government)

Marie Curie Int. Out. Fellowship
 (CORDIS-FP7)

Postdoctoral Fellowship, (Spain)

Postdoctoral Fellowship

(Valencian regional government)

Predocctoral Grant (Valencia)

Collaboration Grant, (Spain)

RESEARCH INTERESTS

My research interests are in molecular magnetism and quantum computing. I am currently interested in

- (1) the theoretical modeling of molecular nanomagnets (in particular rare-earth single-ion magnets),
- (2) the rational design of molecular spin qubits and of schemes for implementing quantum gates and
- (3) the modeling of the coupling of lattice phonons with molecular excitations.

SUPERVISION OF GRADUATE STUDENTS (2004-2014) AND RESEARCH TEAM

Masters + PhD thesis (past): S. Cardona-Serra, M. A. Abdallah Aldamen

Masters + PhD thesis (ongoing): J. J. Baldoví Jacán, L. Escalera Moreno

I currently lead a small research team formed by S.CS (postdoc), JJB (PhD) and LEM (Master).

RESEARCH STAYS AND MAIN COLLABORATORS

ongoing collaborations with	Prof. D. Loss,	Universität Basel,	CH
	Dr. S. Hill,	National High Magnetic Field Lab.,	US
	Dr. F. Luis,	Universidad de Zaragoza,	ES
	Dr. L. Bogani,	Universität Stuttgart,	DE
	Dr. M. Schachter,	Ben Gurion University,	IL

2013	1 short research stays at Institut für Physik (Basel, CH)	3 weeks
2007-2010	1 postdoctoral stay at Pacific Institute of Theoretical Physics (Vancouver, CA)	3 years
1999 – 2005	5 short visits to the Institut Laue Langevin (Grenoble, FR)	3 months
2005 – 2006	2 research stays at Université Paul Sabatier (Toulouse, FR)	2 weeks
		7 months

<http://www.uv.es/gaita/decresim.html>

CAREER RECORD

33 scientific publications in high-impact peer-reviewed international journals, including:
 Nature Nanotechnology¹ (1) Phys. Rev. Lett.² (2) Chem. Commun.³ (2) Chem. Sci. (1)
 J. Am. Chem. Soc. (3) Angew. Chem. Int. Ed. (1) Chem. Soc. Rev. (1) Inorg. Chem. (4)
 Chem. Eur. J. (3) J. Mater. Chem. (2) Dalton Trans. (2)

n° of citations = 1265 (25% in 2013) h-index = 17 citations/article = 38

Corresponding Author (CA) in 6 publications (+4 submitted).

2 publications without my PhD supervisors (+2 submitted).

2 "hot" papers (1 as CA) and 4 "research front" papers (3 as CA),
 with a total of 5 "highly cited" papers (3 as CA).²⁷

¹ highlighted in a News and Views; ² 1 PRL Editors' Suggestion; ³ 1 "referee-recommended"

FUNDING: PROJECTS

I participated in 20 R+D+I projects funded in competitive tenders by public or private bodies.

Highlighted projects in the past 5 years (budget for the UV node):

STREP Project no. 211284 "Molecular Spin Clusters for Quantum Information Processes", ICT-2007.8.0	coordinator	M. Affronte	240 k€	2008 – 2011
Consolider-Ingenio CSD2007-00010 "Molecular Nanoscience"	E. Coronado	2200 k€	2007 – 2013	
Collaborative project FP7-270369, "Electric Field Control Over Spin Molecules"	H. van der Zant	450 k€	2011 – 2013	
ERC Advanced Grant FP7-ERC-247384	E. Coronado	1679 k€	2010 – 2015	
"Magnetic Molecules and Hybrid Materials for Molecular Spintronics"	J. Errington	100 k€	2012 – 2016	
COST Action CM1203				
"Polyoxometalate Chemistry for Molecular Nanoscience"				
MAT2011-22785	E. Coronado	600 k€	2012 – 2014	
"Del magnetismo molecular a la espintrónica molecular"				
MAT2007-61584 "Materiales moleculares para el magnetismo y la electrónica molecular: del diseño, estudio y procesamiento de nuevos materiales al desarrollo de aplicaciones"	E. Coronado	1244 k€	2007 – 2014	
Nanomagnetismo Molecular: del diseño de moléculas magnéticas a la fabricación de dispositivos espintrónicos PROMETEOII/ 2013/006	E. Coronado	500 k€	2013 – 2016	
PIOF-GA-2008-219514 "Decoherence in magnetic molecules as qubits"	A. Gaita	220 k€	2008 – 2011	
Ramón y Cajal project RYC-2012-11908	A. Gaita	210 k€	2013 – 2018	
Marie Curie Network SEP-210163218 "Anisotropy in Molecular Compounds of Rare Earths and Uranium"	R. Winpenny	400 k€	(evaluation stage)	
	node coordinator:	A. Gaita		

CONTRIBUTIONS TO CONFERENCES

40 contributions to conferences, including 6 contributed oral talks and 7 invited talks:

- 2014: "10th International Workshop on Nanomagnetism and Superconductivity at the Nanoscale"
- 2013: American Physical Society March Meeting
- 2012: 62nd Fujihara Seminar "Frontiers and Perspectives in Molecule-Based Quantum Magnets"
- 2012: Symposium "Frontiers in Metal-Oxide Cluster Science"
- 2011: Israel Physical Society Conference
- 2010: International Chemical Congress of Pacific Basin Societies
- 2008: European Materials Research Society Spring Meeting

JOURNAL REFEREEING

I am presently reviewer for the American Chemical Society (*Inorganic Chemistry*), the Royal Society of Chemistry (*Physical Chemistry Chemical Physics*) and Elsevier (*Chemical Physics Letters*).

OTHERS: LANGUAGE PROFICIENCY + OUTREACH

ILR5: Spanish ILR4: English ILR3: Catalan ILR2: German, French, Esperanto

I have written one scientific outreach article in the general press and 2 upper <0.5% Wikipedia articles.

I am responsible of a science blog associated with a monthly publication.

²⁷ Source: Essential Science Indicators of the Web of Knowledge

Section B1b Curriculum vitae

COMPUTATIONAL LINGUISTICS RESOURCES

More information: <http://gboleda.utcompling.com/resources>.

- | | |
|----------|---|
| Corpora | Leader , Wikicorpus : Freely available Wikipedia-based trilingual corpus (Catalan, Spanish, English), automatically annotated, over 750 million words.
Coordinator , CUCWEB: 166-million word Web corpus for Catalan, automatically annotated. |
| Tools | Collaborating researcher, POS-Tagger for Old Spanish. Freely available as part of the open source suite of language analyzers FreeLing .
Collaborating researcher, CatCG: Tagger and shallow parser for Catalan. |
| Datasets | Leader , four freely available (CC BY-SA) semantic datasets on adjective semantics and regular polysemy.
Collaborating researcher in a fifth dataset on the semantics of color terms. |

https://gboleda.github.io/proposals/B1-AMORE-ERC_StG_2016-def.pdf

Selected publicly available tools and resources

- [WaCky](#) (with Silvia Bernardini and others): huge linguistically annotated corpora for multiple languages
- [DM](#) (with Alessandro Lenci): precompiled corpus-based semantic model and utilities
- [Semantic norms](#) for German and Italian (with Gerhard Kremer)
- [zipfR](#) (with Stefan Evert): a toolkit for lexical statistics in R
- [BootCaT](#) (with Silvia Bernardini): a toolkit for bootstrapping corpora and terms from the Web
- [Morph-it!](#) (with Eros Zanchetta): a free Italian morphological lexicon
- [La Repubblica corpus](#) (with Silvia Bernardini and others): a large corpus of Italian newspaper text

http://marcobaroni.org/composes/composes ERC 2011_StG_PartB1.pdf

Section B1b Curriculum vitae

Scientific community activity

- **Referee** for peer-reviewed journal: Physical Review Letters, Angewandte Chem., Advanced Materials, Advanced Functional Materials, Biomaterials, Journal of Materials Research, Materials Research Bulletin, Surface and Coatings Technology, Composites Part A, Crystal Growth and Design, Journal of the American Ceramic Society, Chemical Engineering Journal, International Journal of Applied Ceramic Technology, Biomedical Materials, International Journal of Materials Research, Polymer, Ceramics International, Biomacromolecules, Journal of the Royal Society Interface, Journal of Microscopy, Journal of Chemical Technology & Biotechnology, Acta Materiala, Journal of the European Ceramic Society
- **Contributing editor** for the Journal of the American Ceramic Society
- **Referee** for the French National Research Agency (ANR, 2008 and 2009), NSF career program (2010)
- **Advisory board** for ECERS 2009 and CIMTEC 2011
- **Initiator and co-organizer** of the 1st International and Multidisciplinary Workshop on the Solidification of Colloidal Suspensions (2010, Avignon, France). Co-organized by the CNRS, Saint-Gobain and the University of Oxford

https://figshare.com/articles/journal_contribution/My_successful_ERC_Starting_Grant_Proposal/7110767

Other activities

- **Workshop (co-)organization:** GEMS 2010 (submitted), ESSLI 2008 Distributional Lexical Semantics (Hamburg), Contextual Information in Semantic Space Models at Context 2007 (Roskilde), Web as Corpus 1 (2005, Forli), 2 (2005, Birmingham) and 3 (2006, Trento)
- The Italian part-of-speech tagger developed by my team was ranked second best in the **Evalita 2007 evaluation campaign**
- Co-organized the first [CLEANEVAL shared task](#) for Web page cleaning (2007)
- Co-founder and secretary of the **Special Interest Group** of the Association for Computational Linguistics (ACL) on [Web as Corpus](#)
- **ESSLI 2006 course** instructor (with Stefan Evert): Counting words: an introduction to lexical statistics (Malaga)
- I maintain, with Stefan Evert, [SIGIL](#), an **online introduction to statistics for linguists**
- In **program committee** of more than 10 international conferences (including ACL, EACL, COLING, IWCS, EMNLP – best reviewer award at EMNLP 2010) and more than 15 international workshops
- **Reviewer** for more than 15 **journals** (including Natural Language Engineering, IEEE Intelligent Systems, Language Resources and Evaluation Journal, Cognitive Linguistics, Europhysics Letters, Artificial Intelligence Journal, Morphology and the Journal of the Acoustical Society of America) and 2 **books**
- **Reviewer** for several **funding agencies**, including the US National Science Foundation and the UK Economic and Social Research Council

http://marcobaroni.org/composes/composes_ERC_2011_StG_PartB1.pdf

Appendix (Funding ID)

Applicant's last name: _____ Part B1 ACRONYM: _____

Appendix: All current grants and on-going and submitted grant applications of the PI (Funding ID)
Mandatory information (does not count towards page limits)

Current grants (Please indicate "No funding" when applicable):

Project Title	Funding source	Amount (Euros)	Period	Role of the PI	Relation to current ERC proposal ¹

On-going and submitted grant applications (Please indicate "None" when applicable):

Project Title	Funding source	Amount (Euros)	Period	Role of the PI	Relation to current ERC proposal ¹

¹ Describe clearly any scientific overlap between your ERC application and the current research grant or on-going grant application.

4

- Novedad
- Overlap
- Double funding

Appendix: All ongoing and submitted grants and funding of the PI
Mandatory information
(not counted towards page limits)
 Describe clearly any scientific overlap between your ERC application and the current research grant or on-going grant application.

Section B1c Early achievements track-record

Applicant's last name

Part B1

ACRONYM

Section c: Early achievements track-record (max. 2 pages)¹

Provide a list of achievements reflecting the Principal Investigator's track record. You may include a short narrative describing the scientific importance of the research outputs and the role that the Principal Investigator played in their production.

(see 'Information for Applicants to the Starting and Consolidator Grant 2022 Calls' for completing this section)

Do NOT split the sections and/or references in Part B1 and do NOT upload them as separate documents. The peer reviewers will only receive one single document for evaluation at Step 1. Hence, Part B1 should contain all elements as explained in this template and if some parts of Part B1 are uploaded as separate attachments, the peer reviewers will not have access to them.

¹ Please list the order of authors as indicated in the original publication.

Applicant's last name

Part B1

ACRONYM

¹ Please list the order of authors as indicated in the original publication.

Section B1c Early achievements track-record

(see 'Information for Applicants to the StG+CoG 2022 Call'– 2. completing an application

PIs should list their important achievements (if applicable, **and in addition to any other scientific achievements deemed relevant by the applicant in relation to their research field and project**):

- Most important publications (up to five for Starting Grant and up to ten for Consolidator Grant) in major international peer-reviewed multi-disciplinary scientific journals and/or in the leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs of their respective research fields, highlighting those as main author and/or without the co-authorship of their PhD supervisor (properly referenced, field relevant bibliometric indicators, **except the Journal Impact Factor**, may also be included).
- Research monographs and any translations thereof.
- Granted patent(s); invited presentations to internationally established conferences and/or international advanced schools; Prizes/Awards/Academy memberships etc.

The publications should be properly referenced, including all authors in the published order (Please see section 1.1 on Research integrity).

A short narrative describing the scientific importance of the research outputs and the role played by the Principal Investigator in their production may be included.



WP 2022

Section B1c Early achievements track-record

(see 'Information for Applicants to the StG+CoG')

PIs should list their important achievements **any other scientific achievements and relation to their research field and**

- Most important publications (up to 10 for Consolidator Grant) in major international scientific journals and/or in the leading peer-reviewed conferences proceedings and/or research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators, **except the JIF**); **preprints** may be included, if **freely available** from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
- Research monographs and any translations thereof;
- Granted patent(s); invited presentations at international conferences and/or international academy memberships etc.

The publications should be properly referenced in published order (Please see section 4.2.2). **A short narrative describing the scientific achievements and the role played by the Principal Investigator should be included.**

Early achievements track record

1. **Up to five/up to ten publications in major international peer-reviewed multi-disciplinary scientific journals and/or in the leading international peer-reviewed journals, peer-reviewed conferences proceedings and/or monographs** of their respective research fields, highlighting those as main author or without the presence as co-author of their PhD supervisor (properly referenced, field relevant bibliometric indicators may also be included); **preprints** may be included, if **freely available** from a preprint server (preprints should be properly referenced and either a link to the preprint or a DOI should be provided);
2. **Research monographs and any translations thereof;**
3. **Granted patent(s);**
4. **Invited presentations to internationally established conferences and/or international advanced schools;**
5. **Prizes, awards, academy memberships.**

Fuente: GfA ERC 2022 StG+CoG. <https://ec.europa.eu/erc/2027/horizon/guidance/information-for-applicants>

Fuente: WP ERC 2022

Evaluation criteria ERC

Excellence is the sole evaluation criteria

applied to the PI + Research Project

Principal Investigator - Intellectual capacity and creativity

- demonstrated the ability to conduct ground-breaking research?
- evidence of creative independent thinking? **Only for StG and CoG**
- required scientific expertise and capacity to successfully execute the project?
- demonstrated sound leadership in the training and advancement of young scientists? **Only for AdG**

Research Project - Ground-breaking nature

Ground-breaking nature

- does the proposed research have a ground-breaking nature?
- are the objectives ambitious?
- are there novel concepts and approaches or development between or across disciplines?
- is the proposed research high risk-high gain?

- **Independencia**
- **Capacidad de liderazgo**
- **Originalidad del trabajo anterior**
- **Importancia del proyecto y del momento**
- **Mi entorno/mi posición/mi momento son los adecuados**

Scientific Approach

- is the outlined scientific approach feasible....high risk/high gain? (B1)
- are the proposed research methodology and working arrangements appropriate? (B2)
- does the proposal involve the development of novel methodology? (B2)
- are the proposed timescales, resources and PI commitment adequate? (B2)

Section B1c Early achievements track-record

- Personal Statements

Carling

Part B1

FUMI

Section c: Early achievements track-record

Since my first peer-reviewed article in 2002, I have gradually achieved internationally recognition as a leading scholar of migration. My primary areas of expertise have been **migration processes** and the subsequent **transnational practices**. I have maintained a disciplinary identity as a human geographer, but also engaged extensively with migration research in a range of other disciplines, reflected, for instance, in co-authorship with both economists and anthropologists. Much of my research has been **theoretically oriented**, based on **empirical data**. I have invested in **broad methodological competence**, yielding expertise in both ethnographic fieldwork and survey data collection, and command of corresponding specialized software (*Stata*, *NVivo*).

Fuente: Pathways to an ERC Grant: Learning from Success and Failure . Jørgen Carling. Peace Research Institute Oslo (PRIO)
<https://jorgencarling.files.wordpress.com/2019/10/carling-erc-cv-and-track-record.pdf>

Section B1c Early achievements track-record

Applicant's lastname Part B1 ACRONYM
Section c: Ten years track-record (max. 2 pages)¹
(see 'Information for Applicants to the Advanced Grant 2019 Call' – instructions for completing 'Part B' of the proposal)

Applicant's lastname Part B1 ACRONYM

should list your important achievements, including your most important publications (up to five for Starting Grant and up to ten for Consolidator Grant) highlighting those as main author and/or without the co-authorship of your PhD supervisor.

The publications should be properly referenced, including all authors in the published order (Please see section 1.1 on Research integrity).

*Field relevant bibliometric indicators as well as research monographs and any translations thereof **may also be included**. If applicable include: granted patent(s); invited presentations to*

ERC guide for applicants: ***“field-relevant bibliometric indicators may also be included”***.

- ✓ Sólo si agregan valor a su presentación como investigador/a. **Sólo indicadores que sean relevantes para tu campo.**
- ✓ Si el H-Index no es relevante para el campo, no lo uséis. Si hay una alternativa mejor, usad esa. Si no, no mencionar ningún indicador.

¹ Please list the order of authors as indicated in the original publication.

guide20-

Section B1c Early achievements track-record

- H-index

Gaita-Ariño Part B1 DECRESIM

CAREER RECORD

33 scientific publications in high-impact peer-reviewed international journals, including:

Nature Nanotechnology ¹ (1)	Phys. Rev. Lett. ² (2)	Chem. Commun. ³ (2)	Chem. Sci. (1)
J. Am. Chem. Soc. (3)	Angew. Chem. Int. Ed. (1)	Chem. Soc. Rev. (1)	Inorg. Chem. (4)
Chem. Eur. J. (3)	J. Mater. Chem. (2)	Dalton Trans. (2)	

n° of citations = 1265 (25% in 2013) ***h-index = 17*** **citations/article = 38**

Corresponding Author (CA) in 6 publications (+4 submitted).
2 publications without my PhD supervisors (+2 submitted).
2 “hot” papers (1 as CA) and **4 “research front” papers** (3 as CA),
with a total of 5 “highly cited” papers (3 as CA).²⁷

¹ highlighted in a News and Views ; ² 1 PRL Editors' Suggestion ; ³ 1 “referee-recommended”

Section c. Early achievements track record

PUBLICATIONS

According to Google Scholar, I have over 165 citations and an h-index of 6. Here is a selection of over 30 academic publications):

Section B1c Early achievements track-record

- The particularities of your field research

Top ten publications in the last ten years

Note: In my field, the top conferences are ACM CHI and ACM UIST. Publication in these conferences is considered as prestigious as in the top journals in the field (ACM TOCHI, IJHCS). I work collaboratively with students and colleagues. As the most senior researcher, my name is usually last in the list of authors. However I only co-sign papers for which I have substantially contributed to both the work and the writing.

Improvement in 2016

My application in 2014

The followings are five selected papers. ...

In theoretical computer science, the most important venues of publications are conferences and not journals. STOC and FOCS are widely recognized as the most prestigious conferences in the field worldwide. I have published X papers in FOCS and STOC ...

The followings are five selected papers. ...

Section B1c Early achievements track-record

Carling

Part B1

FUGR

Section c: Early achievements track-record

Since my first peer-reviewed article in 2002, I have gradually achieved international recognition as a leading scholar of migration. My primary areas of expertise have been **migration processes** and the subsequent **transnational practices**. I have maintained a discipline identity as a human geographer, but also engaged extensively with migration research in a range of other disciplines, reflected, for instance, in co-authorship with both economists and anthropologists. Much of my research has been **theoretically oriented**, based on **empirical data**. I have invested in **broad methodological competence**, yielding expertise in both ethnographic fieldwork and survey data collection, and command of corresponding specialized software (Stata, NVivo).

PUBLICATION AND CITATION STATISTICS

I have published **27 articles** in international peer-reviewed journals and **14 book chapters**. About half have been single-authored. In addition, I have co-edited **four special issues** of international peer-reviewed journals and **two books**, and written about 30 non-peer-reviewed scientific reports and briefs. In total, my publications have **3440 citations** in Google Scholar and **820 citations** in Scopus, excluding self-citations. My **h-index** is **29** in Google Scholar and **14** in Scopus.

RESEARCH COMMUNICATION

I have become increasingly committed to excellence in research communication, and followed up on this commitment through learning, teaching, and practice. For my own research, I have acquired skills in visualization techniques, video production, and social media. I have developed a personal web site (jorgencarling.org), an online resource on the meaning of 'migrants' (meaning-the-migrants.org) and a research-oriented Twitter account with 3400 followers (twitter.com/jorgencarling). I have also contributed to influential blogs, including the *ISU Impact Blog* and the *World Economic Forum Agenda*.

SELECTED ACHIEVEMENTS

				
Front-page feature on international migration in the New York Times based on my PhD research (2007)	Award of largest-ever project grant in the welfare research area of the Research Council of Norway (2010)	Co-editing the 50th Anniversary Issue of the International Migration Review, the most prominent journal in my field (2014)	Discovery of 'scripture' as a conceptual tool for making sense of the social dynamics of remittances (2014)	Invitation to serve as expert panelist on migrant smuggling, United Nations, Vienna (2017)

KEYNOTE LECTURES (PAST THREE YEARS)

- 2018 *Unity and diversity in contemporary international migration*. Keynote lecture, Oslo Interdisciplinary Conference on Migration: Vulnerability, Protection, and Agency, University of Oslo, Norway.
- 2017 *Migrant smuggling issues, patterns and policy challenges*. Keynote lecture, Istanbul Regional Conference on Counter Migrant Smuggling, International Organization for Migration, Istanbul.
- 2016 *Unravelling the causes of migration*. Keynote lecture, The Hugo Conference: Environment, Migration, Politics, University of Liège.
- 2016 *What is transnational? Exploring the ontologies of an evocative adjective*. Keynote lecture, New Perspectives on Transnational Living, University of Maastricht.

SELECTED INVITED PRESENTATIONS (PAST THREE YEARS)

- 2018 *The complexity of global migrations*. Invited lecture for the Ada Malterras inter-university lecture series, European Institute of the Mediterranean, Barcelona, Spain.
- 2017 *How does migration arise?* Invited presentation, International Organization for Migration Council, Geneva, Switzerland.
- 2017 *Remittance and migration*. Invited lecture in research seminar series, Department of Sociology, Hitotsubashi University, Japan.
- 2015 *Migration as imagination*. Invited seminar, Sussex Centre for Migration Research and Department of Geography, University of Sussex, United Kingdom.

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Carling

Part B1

FUGR

SELECTED PUBLICATIONS (REVERSE CHRONOLOGICAL ORDER)

	Carling, J. and Schewel, K. (2017), 'Revisiting aspiration and stability in international migration', <i>Journal of Ethnic and Migration Studies</i> , 43:2815-2862. Google Scholar citations:.....3	An analytical review article that examines bottlenecks and potential in migration research over the past fifteen years, identifies 'two-step approaches' and informs the current proposal.
	Carling, J. (2014) 'Scripting remittances: making sense of money transfers in transnational relationships', <i>International Migration Review</i> , 48:3215-3262. Google Scholar citations:.....58	A theory-building article that draws upon more than 100 ethnographic studies of migrant remittances and makes sense of the dynamics at work by invoking the sociological concept of 'scripts'.
	Carling, J., Fodai, M.B., and Erratti, R. (2014) 'Beyond the insider-outsider divide in migration research', <i>Migration Studies</i> , 2(1):36-54. Google Scholar citations:.....77	A jointly authored article in which we draw upon personal experience to examine the role of the researcher's background in migration research. The article is currently on reading lists at several universities worldwide.
	Carling, J. and Panuzio, S.V. (2014) 'Refugee migration intentions in the integration-transnationalism matrix', <i>International Migration</i> , 52(4):13-30. Google Scholar citations:.....47	An empirical article on return migration that introduces an innovative framework for studying relations between integration and transnationalism.
	Carling, J. and Hernández-Carrasco, M. (2011) 'Protecting Europe and protecting migrants', <i>British Journal of Politics and International Relations</i> , 13(1):42-58. Google Scholar citations:.....84	A theoretical exploration of why constitutional surveillance and control has become a preferred approach to migration management. The refugee crisis of 2015-16 gave the article renewed relevance, reflected in citations.
	Carling, J. (2009) 'The human dynamics of migrant transnationalism', <i>Ethnic and Racial Studies</i> , 32(9):1432-1477. Google Scholar citations:.....205	An ethnographically based analysis of unequal relationships between migrants and the people they leave behind. It is referenced in the work of the foremost scholars in the field, including R. King, P. Levitt, C. Meunier, and B. Yeoh.
	Carling, J. (2009) 'The determinants of migrant remittances', <i>Oxford Review of Economic Policy</i> , 24(3):582-598. Google Scholar citations:.....219	A review article that systematizes approaches to statistical analysis of the determinants of remittances. It quickly became a recurrent reference in new empirical work in economics and other disciplines.
	Carling, J. (2007) 'Migration control and migrant fatalities at the Spanish-African borders', <i>International Migration Review</i> , 41(2):316-343. Google Scholar citations:.....258	The first systematic analysis of migrants' risk of dying at sea along Europe's southern borders. The article informed the growth of research on the dynamics of migrant smuggling and migrant fatalities in Europe.
	Hansen, H.O. and Carling, J. (2005) 'On the edge of the Chinese diaspora: The surge of business in an African city', <i>Ethnic and Racial Studies</i> , 28(4):609-663. Google Scholar citations:.....162	An early study of Chinese economic expansion in Africa. This article became a key reference for the burgeoning study of China-Africa relations in the decade that followed its publication.
	Carling, J. (2002) 'Migration in the age of involuntary immobility: theoretical reflections and Cape Verdean experiences', <i>Journal of Ethnic and Migration Studies</i> , 28(1):5-42. Google Scholar citations:.....398	A key theoretical contribution to migration studies, focused on the aspiration/ability model and the notion of involuntary immobility. This article is cited with increasing frequency after fifteen years, rising to 63 citations in 2017.

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Fuente: Pathways to an ERC Grant: Learning from Success and Failure . Jørgen Carling. Peace Research Institute Oslo (PRIO)
<https://jorgencarling.files.wordpress.com/2019/10/carling-erc-cv-and-track-record.pdf>

Section B1c Early achievements track-record

- Selected Achievements
- Selected Publications

SELECTED ACHIEVEMENTS



Front-page feature on international migration in *The New York Times* based on my PhD research (2007)



Award of largest-ever project grant in the welfare research area of the Research Council of Norway (2010)



Co-editing the 50th Anniversary Issue of the *International Migration Review*, the most prominent journal in my field (2014)



Discovery of 'scripts' as a conceptual tool for making sense of the social dynamics of remittance (2014)



Invitation to serve as expert panellist on migrant smuggling, United Nations, Vienna (2014)

SELECTED PUBLICATIONS (REVERSE CHRONOLOGICAL ORDER)



Carling, J. and Schewel, K. (2017, online ahead of print) **'Revisiting aspiration and ability in international migration.'** *Journal of Ethnic and Migration Studies*:1-19.
Google Scholar citations: 3



Carling, J. (2014) **'Scripting remittances: making sense of money transfers in transnational relationships.'** *International Migration Review*, 48:S218-S262.
Google Scholar citations: 58



Carling, J., Erdal, M.B. and Ezzati, R. (2014) **'Beyond the insider-outsider divide in migration research.'** *Migration Studies*, 2(1):36-54.
Google Scholar citations: 77

An analytical review article that examines bottlenecks and potential in migration research over the past fifteen years, identifies 'two-step approaches' and informs the current proposal.

A theory-building article that draws upon more than 100 ethnographic studies of migrant remittances and makes sense of the dynamics at work by invoking the sociological concept of 'scripts'.

A jointly authored article in which we draw upon personal experience to examine the role of the researcher's background in migration research. The article is currently on reading lists at several universities worldwide.

Fuente: Pathways to an ERC Grant: Learning from Success
<https://jorgencarling.files.wordpress.com/2019/10/carlin>

Section B1c Early achievements track-record

- Selected Publications

Selected publications in leading peer-reviewed journals and selected book chapters

Journal rank quartile from ISI Web-of-Science Journal Citation Reports if available; in all other cases, journal category from European Science Foundation ERIH Initial List: Linguistics (2007)

- M. **Baroni** and A. Lenci. To appear. Distributional Memory: A general framework for corpus-based semantics. *Computational Linguistics*. Journal ranked in Q1 of *Linguistics* and *Computer Science, Interdisciplinary Applications*. Citations: 1. Here and in the Cognitive Science paper below, I introduce a new corpus-based semantic model of word meaning that adapts flexibly to multiple semantic tasks and shares interesting properties with human semantic cognition. The model and its extensive evaluation work reported in these articles will constitute starting points for COMPOSES model and evaluation.
- G. Kremer and M. **Baroni**. To appear. A set of semantic norms for German and Italian. *Behavior Research Methods*. Journal ranked in Q1 of *Psychology, experimental* and *Psychology, mathematical*. Citations: 0.
- M. **Baroni**, B. Murphy, E. Barbu and M. Poesio. 2010. Strudel: A corpus-based semantic model based on properties and types. *Cognitive Science* 34 (2): 222-254. Journal ranked in Q1 of *Psychology, experimental*. Citations: 9.
- V. Pirrelli, E. Guevara and M. **Baroni**. 2010. Computational issues in compound parsing. In S. Scalise and I. Vogel (eds.), *Cross-disciplinary issues in compounding*, Amsterdam: Benjamins: 271-286. Citations: 0.
- M. **Baroni**, S. Bernardini, A. Ferraresi and E. Zanchetta. 2009. The WaCky Wide Web: A collection of very large linguistically processed Web-crawled corpora. *Journal of Language Resources and Evaluation* 43 (3): 209-226. ERIH B category (formerly *Computers and the Humanities*, ERIH A category). Citations: 28. The corpus construction and annotation work described here has recently been extended with a full dependency parse of the English corpus and of the English Wikipedia. The resulting enlarged corpus will constitute the main data source of COMPOSES.
- M. **Baroni**, E. Guevara and R. Zamparelli. 2009. The dual nature of deverbal nominal constructions: Evidence from acceptability ratings and corpus analysis. *Corpus Linguistics and Linguistic Theory* 5 (1): 27-60. ERIH C category. Citations: 1. We study a linguistic problem by combining corpus data, Web-collected graded linguistic judgments and advanced statistical analysis (mixed effect linear models). We will apply similar elicitation and analysis techniques in COMPOSES.

Hints and tips

Writing the CV

- Remember that the CVs/Track Records are as important as the project!
- Explain what your own contribution to your key publications has been
- Explain publishing habits in the field and country if needed.
- If the PI knows that he/she has gaps or other issues in the CV, explain them.
- Describe activities which can indicate scientific maturity.
- Follow the CV template provided by the ERC in the submission system.

Take-home message

- No te excluyas de participar en las convocatorias de ERC porque pienses que no tienes un CV competitivo aún.
- Si crees que tienes una gran **idea que supondrá un cambio significativo en tu campo de investigación o en alguna otra área**, considera la posibilidad de escribir una propuesta y enviarla al ERC.
- Durante la ideación de la propuesta: asume riesgos (te darán 1,5-2,5 M€!), explica el alto impacto científico de tu proyecto en caso de alcanzar los objetivos y proporciona evidencias de que puedes ejecutar este trabajo.
- Planifica tu propuesta ERC con tiempo (mucho tiempo: 9 meses, ideal).
- Si no te sale a la primera, vuelve a intentarlo.

SERVICIOS ESTATALES ERC

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Servicios estatales ERC



<https://www.horizonteeuropa.es/erc>

Árbol de servicios ERC: <https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc>

- **Jornadas informativas**
- **Talleres de preparación propuestas**
- **Revisión propuestas**
- **Simulacros de entrevistas**
- **ERC Proposal Reading Days 2022:** <https://www.horizonteeuropa.es/erc-proposal-reading-days-2022>
- **Asesoramiento fase propuesta y fase contrato**
- **Soporte al tramitar la portabilidad a una institución española**
- **Europa Excelencia (AEI) para las ERC individuales con A sin financiar**

Servicios estatales ERC

Árbol de servicios ERC: <https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc>

ERC Starting Grant

Si estás preparando tu solicitud a [ERC-StG 2023](#)

- [ERC Reading Days](#) (lectura de propuestas financiadas) 02-Nov-2022 - 25-Nov-2022
- [Webinars ERC-StG](#) *enlace a grabación y presentaciones*
- [Revisiones de propuesta ERC-StG](#) *abierto hasta 05-Sept-2022 a 08.00h*

Si has sido invitado a segunda fase en ERC-StG: **simulacros de entrevista:** [en marcha ERC-StG2022](#)

ERC-Consolidator Grant

Si estás preparando tu solicitud a [ERC-CoG 2023](#)

- [ERC Reading Days](#) (lectura de propuestas financiadas) 02-Nov-2022 - 25-Nov-2022
- [Webinars ERC-CoG](#) *webinars 06/10/2022 y 24/11/2022*
- [Revisiones de propuestas ERC-CoG](#) *se anunciará próximamente, el cierre para recibir las propuestas será 8 semanas antes del cierre oficial*

Si has sido invitado a segunda fase en ERC-CoG: **simulacros de entrevista:** [en marcha ERC-CoG2022](#)

ERC-Advanced Grant

Si estás preparando tu solicitud a [ERC-Advanced Grant 2023](#)

- [ERC Reading Days](#) (lectura de propuestas financiadas) 02-Nov-2022 - 25-Nov-2022
- [Webinars ERC-AdG](#) *se realizarán en torno a enero 2023*
- [Revisiones de propuesta ERC-AdG](#) *se anunciará más adelante; el cierre para recibir las propuestas será 8 semanas antes del cierre oficial*

Si has sido invitado a segunda fase en ERC-AdG: **simulacros de entrevista:** [próximamente ERC-AdG2022](#)

ERC-Synergy Grant

Si estáis preparando una solicitud a [ERC-Synergy Grant 2023](#)

- [Webinar ERC-SyG 2023](#) *enlace a presentaciones*

Si habéis sido invitados a segunda fase en ERC-SyG: **simulacros de entrevista:** [previstos para verano 2023](#)

ERC READING DAYS 2022 SPAIN

The ERC Reading Day (RD) is an initiative that will give future ERC candidates the opportunity to read a successful ERC proposal (available as paper-copy) funded under the 2014-2021 calls.



The ERC Reading Day will be limited to 5 hours in length, with a maximum of 35 participants per session. Full session will consist of:

1. Presentation of ERC programme (WP2023 calls) by ERC NCP (1 h)
2. Reading of up to 2 funded proposals (3 h)
3. Tips and tricks on how to write an ERC proposal by ERC Grantees (1 h).

06/06, Madrid
08/06, Barcelona
14/06, Granada
16/06, Santiago de Compostela
16/06, Valencia
02/11, Barcelona
08/11, Madrid
14/11, Valencia
17/11, Donosti
25/11, Zaragoza.



These RDs are only open for researchers at Spanish institutions.

75 propuestas ERC exitosas cedidas para los ERC proposal Reading Days 2022

ERC Proposal Reading Days 2022

Catálogo de propuestas disponibles para lectura



Project acronym	Project title	Principal Investigator	Panel	Call ID	Host Institution
MASCP	Mechanisms of alternative pre-mRNA splicing regulation in cancer and pluripotent cells	VALCARCEL JUAREZ Juan Alberto	US1 - Molecules of Life: Biological Mechanisms, Structures	ERC-2014-AGG	Centre for Genomic Regulation
AMSYN	Artificial intelligence for synthetic functional genomics of blood	VELTEN Lars	US2 - Integrative Biology: From Genes & Genomes to Systems	ERC-2021-STG	Centre for Genomic Regulation
ApeGenomeDiversity	Great ape genome variation now and then: current diversity and genomic relics of extinct primates	MAJQUES BONET Tomas	US3 - Integrative Biology: From Genes & Genomes to Systems	ERC-2019-COG	Universitat Pompeu Fabra
Cryptolink	Examining the superintegrator to understand the role of dimensional integrins in bacterial evolution	ESCUDERO Jose Antonio	US3 - Integrative Biology: From Genes & Genomes to Systems	ERC-2020	
NEURAL AS	Functions and evolutionary impact of translocational novelties in the vertebrate brain	BRIMA MARTINEZ Manuel	US3 - Integrative Biology: From Genes & Genomes to Systems	ERC-2020	
PolioLogic	Dissecting the regulatory logic of poised enhancers	RAIA IGLESIAS Álvaro	US3 - Integrative Biology: From Genes & Genomes to Systems	ERC-2020	
MemOrisStem	Origins and Consequences of Hematopoietic Stem Cell Memories	RODRIGUEZ FRATELLO Alejo	US3 - Cellular, Developmental & Regenerative Biology	ERC-2020	
CFS modelling	Chromosomal Common Fragile Sites: Unravelling their biological functions and the basis of their instability	LOPEZ-CONTERAS Andres Joaquin	US4 - Physiology in Health, Disease & Ageing	ERC-2020	
INTRATHEMOSEQ	Molecular characterization of the role of intra-tumor heterogeneity in cancer progression and metastasis	VARELA EGUCHIAGA Iacolo	US4 - Physiology in Health, Disease & Ageing	ERC-2020	
NutrientSensingVivo	The Physiology of Nutrient Sensing by mTOR	EFFYAN Alejo	US4 - Physiology in Health, Disease & Ageing	ERC-2020	
ProtiMechanics-Live	Uncovering Protein Mechanics in Physiology and Disease	ALFARO-ORJOLAS Jorge	US4 - Physiology in Health, Disease & Ageing	ERC-2020	
HighMemory	Beyond classical conditioning: Hippocampal circuits in higher-order memory processes	ALBUQUERTE GARCIA Arnan	US5 - Neuroscience & Disorders of the Nervous System	ERC-2020	
ViroPhar	Oncolytic viruses for the treatment of pediatric brain tumors: An integrated clinical and lab approach	ALONSO-ROLDAN Maria	US7 - Prevention, Diagnosis & Treatment of Human Disease	ERC-2020	
BIODESERT	Biological feedbacks and ecosystem resilience under global change: a new perspective on dryland desertification	MAESTRE Gil Fernando Tomas	US8 - Environmental Biology, Ecology & Evolution	ERC-2020	
INVEST	Evolutionary and functional analysis of polymorphic inversions in the human genome	CÁCERES AGUILAR Mario	US8 - Environmental Biology, Ecology & Evolution	ERC-2020	
SUMMIT	Novel roles of dimethylated sulphur in marine microbial interactions	SIMO Rafael (Rafael)	US8 - Environmental Biology, Ecology & Evolution	ERC-2020	
DTNWALL	Dynamic cell wall remodeling during plant-microbe interaction	SANCHEZ RODRIGUEZ Clara	US9 - Biotechnology & Biosystems Engineering	ERC-2020	
ELONGAN	Gene editing and in vitro approaches to understand conceptus elongation in ungulates	BERNADO ALVAREZ Pablo	US9 - Biotechnology & Biosystems Engineering	ERC-2020	
LAPI	Spectral gaps in interacting quantum systems	PÉREZ GARCIA David	PS1 - Mathematics	ERC-2020	
FORCLIMA	Forecasting climate surprises on longer timescales	ROBINSON, Alexander	PS10 - Earth System Science	ERC-2020	
CERQUITE	Certification of quantum technologies	ACIN Antonio	PS2 - Fundamental Constituents of Matter	ERC-2020	
IoQAL	Frontiers of Quantum Atom-Light Interactions	CHANG DARROCK	PS2 - Fundamental Constituents of Matter	ERC-2020	
UXOplus	Towards the detection of the axion with the International Axion Observatory	GARCIA IBASTORZA Igor	PS2 - Fundamental Constituents of Matter	ERC-2020	
NEWSPIN	A New Spin on Quantum Atom-Light Interactions	CHANG DARROCK	PS2 - Fundamental Constituents of Matter	ERC-2020	
Polydot	Control of the Electronic Properties in Hybrid-Quantum Dot/Polymer-Materials for Energy Production	PALOMARES Gil Emilio J.	PS4 - Physical & Analytical Chemical Sciences	ERC-2020	
Quantum New Mat	Control of the Electronic Properties in Hybrid-Quantum Dot/Polymer-Materials for Energy Production	ROD BARDISA Alberto	PS4 - Physical & Analytical Chemical Sciences	ERC-2020	
ROBOSEIS	Four-Dimensional Monitoring of Tumour Growth by Surface Enhanced Raman Scattering	LOZ MARZAN Luis	PS5 - Synthetic Chemistry & Materials	ERC-2020	
ECHO-GRACADE	Enantioselective C-H Oxidation Guided by Rational Catalyst Design	COSTAS Miguel	PS5 - Synthetic Chemistry & Materials	ERC-2020	
EMAGINZO	Electrical control of magnetism in multiferroic 2D materials	NAVARRO-MORATILLA Efrén	PS5 - Synthetic Chemistry & Materials	ERC-2020	
MINT	Mechanically Interlocked Carbon Nanotubes	PÉREZ Emilio M.	PS5 - Synthetic Chemistry & Materials	ERC-2020	
CRETE	Certified Refinement Types	VAZQUEZ NINI	PS6 - Computer Science & Informatics	ERC-2020	
ECCO	Evolutionary Cellular Computing for Environmental Synthetic Biology	GOMI MORENO Angel	PS6 - Computer Science & Informatics	ERC-2020	
ECHO	Extending Coherence for Hardware-Driven Optimizations in Multiscale Architectures	ROD BARDISA Alberto	PS6 - Computer Science & Informatics	ERC-2020	
InterAct	Interactions with Future Ready-Through Volumetric Displays	MARZO PÉREZ Asier	PS6 - Computer Science & Informatics	ERC-2020	
MOTIVE	Moments in Time in Immersive Virtual Environments	SLATER Mel	PS6 - Computer Science & Informatics	ERC-2020	
P2PModels	Decentralized Blockchain-based Organizations for Bootstrapping the Collaborative Economy	MASLAN COLLADO Samer	PS6 - Computer Science & Informatics	ERC-2020	
TouchDesign	A Computational Design Approach to Haptic Synthesis	OTAZU TRISTAN Miguel Angel	PS6 - Computer Science & Informatics	ERC-2020	
FlexAnalytics	Advanced Analytics to Empower the Small Flexible Consumers of Electricity	MORALES Juan Miguel	PS7 - Systems & Communication Engineering	ERC-2020	
InfoSpace	Revolutionizing Fibre-wireless communications through space-division multiplexed photonics	GASULLA MARTINEZ Ivana	PS7 - Systems & Communication Engineering	ERC-2020	
LODIA	Information Theory for Low-Latency Wireless Communications	KOCH Tobias Mirco	PS7 - Systems & Communication Engineering	ERC-2020	
CADENCE	Catalytic Dual-Function Devices Against Cancer	SANTAMARIA Jesus	PS8 - Products & Processes Engineering	ERC-2020	
COMET	Engineering Complex Intestinal Epithelial Tissue Models	MARTINEZ FRAU Elena	PS8 - Products & Processes Engineering	ERC-2020	
Endure	Fuse-based segmentation design: Avoiding failure propagation in building structures	ADAM Jose	PS8 - Products & Processes Engineering	ERC-2020	
FeMIT	Ferrires-by-design for Millimeter-wave and Terahertz Technologies	GICH Mari	PS8 - Products & Processes Engineering	ERC-2020	
HECTOR	Microwave-assisted microreactors: development of a highly efficient gas phase contactor with direct catalyst heating	SANTAMARIA Jesus	PS8 - Products & Processes Engineering	ERC-2020	
MFreeb	Membrane-Free Redox Flow Batteries	MARCELA GARCIA Rebeca	PS8 - Products & Processes Engineering	ERC-2020	
VRMetal	Virtual Design, Virtual Processing and Virtual Testing of Metallic Materials	LLORECA MARTINEZ Francisco Javier	PS8 - Products & Processes Engineering	ERC-2020	
COSMO-LIA	A Cosmological Lens Aim for Fundamental Physics	FONT-BEREA Andreu	PS9 - Universe Sciences	ERC-2020	
IMAGINE	Spirals of Magnetic Fields in Exoplanets	VIDANO Daniele	PS9 - Universe Sciences	ERC-2020	
QUANTUMGRAIN	Quantum Chemistry on Interstellar Grains	WIMOLA GIBERT Albert	PS9 - Universe Sciences	ERC-2020	
ELECTRIC CHALLENGES	Current Tools and Policy Challenges in Electricity Markets	FABRA PORTELA Natalia	SM1 - Individuals, Markets & Organizations	ERC-2020	
FAPAD	Foundations for Antibiotic and Policy on Digital Platforms	SHELIGIA Sandro	SM1 - Individuals, Markets & Organizations	ERC-2020	
MARKET POWER	Market Power and Sectoral Macroeconomic Trends	BECHDOUOT Jan	SM1 - Individuals, Markets & Organizations	ERC-2020	
MISSINGMIDDLE	The Causal Effect of Public Policy and Income on Child Health and Human Capital	GONZÁLEZ LUNA María Libertad	SM1 - Individuals, Markets & Organizations	ERC-2020	
RISK AND DIVERSITY	Labour Market Risk and Skill Upgrading: Implications for Efficiency, Policy, and Estimation	BECHDOUOT Jan	SM1 - Individuals, Markets & Organizations	ERC-2020	
CRACKS	Art Transforms as Information and Computation	ZANIN Manfredino	SM2 - Institutions, Governance & Legal Systems	ERC-2020	
DEMOTRADIOPH	Reconciling Citizens with the Tradeoffs of Democracy: Attitudes Toward Democracy Under Rising Polarization	HERNÁNDEZ PÉREZ Enrique	SM2 - Institutions, Governance & Legal Systems	ERC-2020	
LEK	The adaptive nature of culture: A cross-cultural analysis of the returns of Local Environmental Knowledge in three indigenous	REYES-GARCIA Victoria	SM3 - The Social World and its Diversity	ERC-2020	
LEAD	Leveraging Early Adolescence for Development: Longitudinal and Experimental Evidence from Ghana	AURINO Elisabetta	SM3 - The Social World and its Diversity	ERC-2020	
MINIQ	Sexual Minorities and Inequality of Opportunity	BORTEN Diederik	SM3 - The Social World and its Diversity	ERC-2020	
FASTPARSE	Fast Natural language Parsing for Large Scale NLP	GÓÑIZ RODRIGUEZ Carlos	SM4 - The Human Mind and its Complexity	ERC-2020	
ReadCalibration	Phonemic representations in speech perception and production: Recalibration by reading acquisition	MARTIN Clara	SM4 - The Human Mind and its Complexity	ERC-2020	
PROONE	The loss of Akkadian: Mapping the Southern Levantine Cultural Landscape	RODRIGUEZ SANCHEZ GUISANDE Álvaro	SM5 - Cultures & Cultural Production	ERC-2020	
MapModern	Social Networks of the Past: Mapping Hispanic and Langoshean Cultural Modernity, 1896-1959	ROSA SANZ Diana	SM5 - Cultures & Cultural Production	ERC-2020	
MINUS	Secularism, secularism, performing music and poetry in medieval Iberia	ALBERNI Anna	SM5 - Cultures & Cultural Production	ERC-2020	
Aethmath	THE AFTERMATH OF THE EAST ASIAN WAR OF 1592-1598	CLEMENTS Rebekah	SM6 - The Study of the Human Past	ERC-2020	
ORIGEN	Circulating Gender in the Global Enlightenment: Ideas, Networks, Agencies	BOLUFER PERUGIA Mónica	SM6 - The Study of the Human Past	ERC-2020	
DEATHREVOL	The roots and evolution of the culture-of-death: A taphonomic research of the European Paleolithic record	SALA BURGOS María Teresa Notermans	SM6 - The Study of the Human Past	ERC-2020	
DEEPMED	Discovering the Deep Mediterranean Environment: A History of Science and Strategy (1860-2020)	CAMPUBRI BUENO Ana	SM6 - The Study of the Human Past	ERC-2020	
PEOPLE	Genetic and Other Translational Adaptations of Past Populations in South Africa	COFFORD Michael	SM6 - The Study of the Human Past	ERC-2020	
PTIFYING HEALTH	Profiting Wealth: The Southern European Shift to Massivity as Collective Investments in Identity, c.1080-1350	RODRIGUEZ LÓPEZ Ana María	SM6 - The Study of the Human Past	ERC-2020	
RAINBOWS	Resilience and Adaptation in Drylands: Identifying past water management practices for drought-resistant crops	LANCILOTTI Carla	SM6 - The Study of the Human Past	ERC-2020	
LIFELONGMOVE	Understanding spatial mobility from early life into adulthood	NIDA, Sergi	SM7 - Human Mobility, Environment, and Space	ERC-2021-COG	Centro de Estudios Demográficos (CED)
INZIDAG	Application of genomic inversions as diagnostic markers in precision medicine	CÁCERES AGUILAR Mario	Proof of Concept	ERC-2016-POC	Universitat Autònoma de Barcelona
INGENIUS	The completion of the Human Genome Project has generated a new industry of personal genomics and personalized medicine	CÁCERES AGUILAR Mario	Proof of Concept	ERC-2013-POC	Universitat Autònoma de Barcelona



Servicios estatales ERC año 2021



Actividades ERC WP2021	nº	usuarios
Jornada informativas	15	1883
Talleres de propuestas	15	2403
Revisiones de propuestas		
Starting Grant 2021		79
Consolidator Grant 2021		57
Advanced Grant 2021		37
Simulacros entrevista		
Starting Grant 2021		56
Consolidator Grant 2021		42
Advanced Grant 2021		30
Reading Days 2021	6	117
Consultas atendidas		2231
Reuniones participantes		49
Relación con el ERC		
reu de NCPs		6
reu comité de Programa		3

Grants ES

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ENLACES DE INTERÉS

CE

Advocacia

Base de datos de todos los **proyectos financiados** por año y umbral/convocatoria
<https://erc.europa.eu/projects-figures/erc-funded-projects>

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Grant Type

- ☐ Advanced grants
- ☐ Consolidator grants
- ☐ Proof of concept
- ☐ Starting grants
- ☐ Synergy grants

Countries

Country	Count
France	872
Germany	87
Austria	44
Spain	26
Italy	270
Netherlands	251
Sweden	177
Belgium	41
Switzerland	21
Poland	21
Portugal	42
Greece	348
Ireland	280
Finland	24
Denmark	82
Malta	4
Tunisia	2
Bosnia and Herzegovina	295
Slovenia	17
Croatia	6
Montenegro	2
Algeria	7
Rabat	20

Enlaces de interés

ERC Work Programme 2022 --> 2023

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2022/wp_horizon-erc-2022_en.pdf

Calendario ERC 2023:<https://erc.europa.eu/news/calls-2023-tentative-dates>

Information for Applicants to the Starting and Consolidator Grant calls

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants_he-erc-stg-cog_en.pdf

Information for Applicants to the Synergy Grant Call

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants_he-erc-syg_en.pdf

Information for Applicants to the Proof of Concept Call

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/information-for-applicants_he-erc-poc_en.pdf

How to complete your ethics self-assessment: https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/how-to-complete-your-ethics-self-assessment_en.pdf

Open Research Data and Data Management Plans

- https://erc.europa.eu/sites/default/files/document/file/ERC_info_document-Open_Research_Data_and_Data_Management_Plans.pdf
- <https://erc.europa.eu/thematic-working-groups/working-group-open-access>
- https://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/open-access-dissemination_en.htm

General Model Grant Agreement Horizon Europe

- https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/agr-contr/general-mga_horizon-euratom_en.pdf

Videos ERC Classes

Videos

series of videos – [ERC Classes](#) – for potential applicants:

Step-by-step to the ERC application process (5:19 min)

<https://youtu.be/xbFbzkVWgCU>

How to get started with your ERC grant? (11:37 min)

<https://youtu.be/O7mOFL2tIQ8>

How to write part 1 of your ERC proposal? (14:33 min)

<https://youtu.be/HsmQRM88yyM>

How to write part 2 of your ERC proposal? (8:26 min)

<https://youtu.be/NnDLnabEpxQ>

How do we evaluate your ERC proposal? (11:48 min)

<https://youtu.be/FFhZX00AUV4>

How to prepare for your ERC interview? (9:02 min)

<https://youtu.be/F4qXVGcdH5w>

How to apply for your ERC Proof of Concept Grant

https://www.youtube.com/watch?v=v_WAKrKgWKs

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1

Step by Step to the ERC application process
European Research Council
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2

How to get started with your ERC proposal
European Research Council
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3

How to write part 1 of your ERC proposal
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4

How to write part 2 of your ERC proposal
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5

How do we evaluate your ERC proposal
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How to apply for your ERC Proof of Concept Grant
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