Jornada ERC Advanced Grant 2024

European Research Council

Convocatoria WP 2024 – Lump Sum

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Madrid, 24 de mayo de 2024

GOBIERNO DE ESPAÑA | MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

oficina europea

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ERC Mission

What is European Research Council mission?

The ERC, **set up by the European Union in 2007**, is the premier European funding organisation for excellent frontier research.

The ERC is based on a simple idea:
ERC supports the **best researchers** to work in Europe on their **best ideas.**
The sole criterion for selection is **scientific excellence.**

- It funds **creative researchers** of **any nationality and age**, to run projects based across **Europe**.

- support **investigator-driven frontier research** across **all fields,** based on scientific excellence.

- **Individual, innovative, ambitious, non-incremental** projects

- ~~(High risk/high gain)~~ frontier research in any scientific field

- Evaluation by scientists of **high international profile**

- Offers research staff **independence**, **recognition** and **visibility**

European Research Council: type of research

Frontier research: basic and applied research

- **Multi- or interdisciplinary proposals which cross boundaries between different fields of research, or**
- **Pioneering proposals addressing new and emerging fields of research, or**
- **Proposals introducing unconventional, innovative approaches and scientific inventions.**

ERC is PI centric: Principal Investigator is central to the project. They can be supported by as many "team members" as they need.

ERC ≠ HE, AEI and other funding agencies.

Must be very ambitious in risk and in scope.

THINK BIG * OUT-OF-THE BOX **** DREAM***

What is European Research Council?

EUR 16 billion
ERC budget in Horizon Europe

➡ **Funding: Horizon Europe budget (2021-2027) Pilar I**

17%
of the entire
Horizon Europe budget

➡ **The Scientific Council (ScC)** https://erc.europa.eu/about-erc/erc-president-and-scientific-council

➡ **The ERC Executive Agency (ERCEA)** https://erc.europa.eu/about-erc/erc-executive-agency-ercea
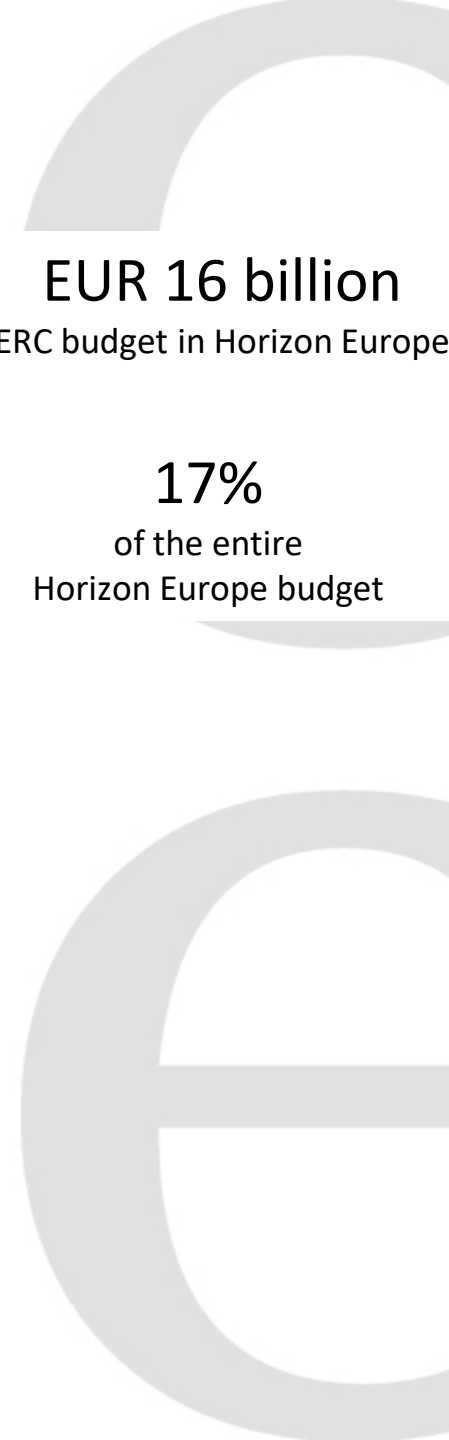
ERC The Scientific Council

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.

The role of the ERC Scientific Council is to:
• Decide on a scientific strategy
• Monitor and control quality and performance
• Establish a communication strategy

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

March 2024

ERC Advanced Grant funding scheme

ERC Advanced grant scheme 1/2

ADVANCED GRANTS 2024

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

For **established research leaders** with a recognised record of research achievements

Expected to be an active researcher and to have a track record of significant research achievements.

PI Commitment: >30%

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

No PhD or seniority experience needed
No restrictions based on age, gender, nationality, current location or current employment/contract status.

Call identifier: ERC – 2024 - AdG

Call opens: 29 May 2024

Call deadline: **29 August 2024**

Budget million EUR: ~~578~~ 703*

Estimated number of grants: ~~237~~ 285*

Planned dates to inform applicants after each step:
31 January 2025 (step 1); 13 June 2025 (step 2)

Indicative date for signature of grant agreements:
18 November 2025

*Amendment to the WP 2024: https://erc.europa.eu/sites/default/files/2024-05/WorkProgramme-updated.pdf
Additional budget (152M€) from the UK Association to Horizon Europe

GOBIERNO DE ESPAÑA — MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

ERC Advanced grant scheme 2/2

Up to **[2,5] million euros for 5 years** + **Additional funding** up to **1M€**
Awarded as a **single lump sum** contribution for the entirety of the project.
For projects of shorter duration, the maximum amount of the grant is reduced pro rata temporis

+ **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.

The Host Institution (HI)

Any type of **legal entity**, private or public (universities, research centres, industry,…)

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 **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

Gender Equality Plan
The organization must have a Gender Equality Plan (GEP) at the time of signing the grant agreement

ERC Guides – 3 essential documents
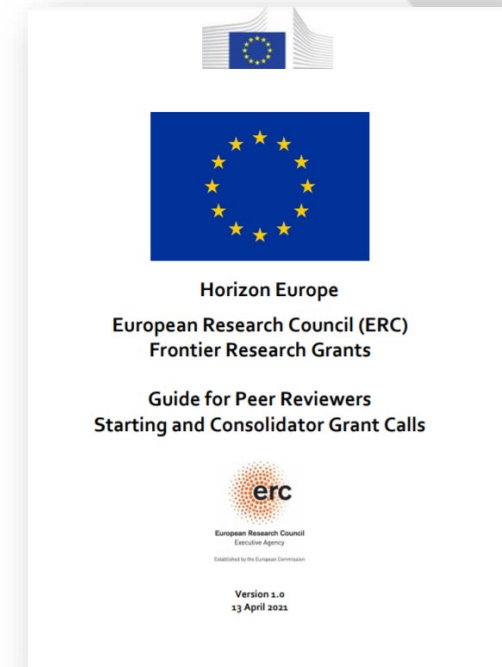
ERC Work Programme

Information for Applicants

Guide for Peer Reviewers

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2024/wp_horizon-erc-2024_en.pdf

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

ERC WP 2024 – main novelties

Evaluation of ERC grant proposals	**No prescriptive Principal Investigator profiles** **CV and track record merged** in a new template (4 pages) - Include up to 10 research outputs **Evaluation** primarily **focused on** the **research project.** Streamlined evaluation questions: - Ground-breaking - Ambition - Feasibility

Lump sums implementation for ERC-Advanced Grant call	A lump sum contribution for the entirety of the project defined upfront Payment based on completion of activities and not on successful outcome Additional funding and portability available

Panel re-organization	New Panel – **SH8** – Studies of Cultures and Arts Reorganization **LS3** (Cell Biology, Development, Stem Cells and Regeneration) and **LS5** (Neuroscience and Disorders of the Nervous System)

Evaluation	No budget multiplier in StG, CoG, AdG: up to 44 proposals per panel can pass to Step 2 New score in step 1: A-score at Step 1 (StG, CoG, AdG, SyG): 'A not invited' – high quality proposals exceeding the threshold for Step 2, but not subject to resubmission restrictions

Recent changes to the evaluation of ERC research proposals

Recent changes on Research Assessment (Horizon Europe)

ERC Working Group on Open Science

In July 2021 , the ERC endorsed the **San Francisco Declaration on Research Assessment (DORA)**

WP 2022

Revision of the funding and evaluation strategy in the light of the principles of the San Francisco Declaration.

- **Journal Impact Factor** will no longer be accepted among the relevant bibliometric indicators that can be included as part of the publication track-record.

-Other **types of achievements** can be included in this list, if they are relevant to the field of knowledge and the proposal.

-Within the existing proposal template and respecting page limits, the candidates may provide a **narrative description of the scientific significance of their** research **outputs** and **the role** played in them.

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https://sfdora.org/resource/european-research-council-erc/

Recent changes on Research Assessment (Horizon Europe)

ERC Working Group on Open Science

ERA Research Agenda 2022-2024. Action 3: Advance towards the reform of the Assessment System for research, researchers and institutions to improve their quality, performance and impact

In early 2023 signed the Agreement on Reforming Research Assessment (CoARA)

Coalition for Advancing Research Assessment: CoARA

On the short and medium term the changes are expected to:

* Promote qualitative judgement with peer-review, supported by responsible use of quantitative indicators;
* Consider the value and impact of a diversity of research outputs;
* Rewards the diversity of tasks of researchers, and supports team science;
* Incentivize open collaboration and early knowledge and data sharing

On the long term, the reform of the assessment system is expected to trigger higher quality, more performant and more impactful research and to contribute to more attractive research careers. It would better value knowledge and data sharing and open collaboration including societal engagement leading to increased trust in the research and innovation system and its outputs.

https://commission.europa.eu/system/files/2021-11/ec_rtd_era-policy-agenda-2021.pdf
https://coara.eu/

Recent changes on Research Assessment (Horizon Europe)

Emphasis on the evaluation of the project proposal
- Only the project is scored on a numerical scale.
- Only this score can be used to rank the list of proposals before the panel discussion.
- The applicant is given an overall qualitative assessment .

The evaluation should give more weight to the project than to the applicant.

That was a practice in most ERC panels already now explicitly indicate it in the ERC 2024 WP

Broad assessment of the applicant
- No prescriptive PI profiles
- New Template
- Narrative elements

21 February 2024
ERC President Maria Leptin explains the background and rationale to the recent changes in the evaluation process of ERC grant proposals.

erc
European Research Council
Established by the European Commission

Evaluation of research proposals:
the why and what of the ERC's recent changes

Maria Leptin, ERC President

Part B1 - pdf

Cover Page and
summary (1p)

Extended Synopsis (5p)

Curriculum vitae +
Track-record (4p) **• NEW**

Evaluated in Step 1

ERC Advanced Grant 2024 - Structure of the proposal

ERC Advanced Grant 2024 - Structure of the proposal

One deadline | 2 steps evaluation process

The ERC full proposal = part B1 + part B2 + Part A*

Part B1 - pdf

Cover Page and summary (1p)

Extended Synopsis (5p)

Curriculum vitae + Track-record (4p) • NEW

Evaluated in Step 1

Part B2 - pdf

(14p)

Sa: SoA & objectives

Sb: Methodology

funding ID • NEW

NOT *evaluated in Step 1*
(only in Step 2)

Part A – online forms

A1 General Information
A2 Participants
A3 Budget*
   table + description (8000c)
A4 Ethics and security
A5 Other questions
   % Time commitment*
   Excluded Reviewers (up to 3)

Annexes

HI support letter
PhD certificate
Ethics and security issues
Template Eligibility Extension • NEW

ERC Advanced Grant 2024 - profile

ERC AdG achievements track record (last 10 Years)

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

Up to **10** representative publications **as main author** in **major international p-r multi-disciplinary scientific journals** and/or in the **leading international p-r journals and p-r conference proceedings** of their respective research fields

Up to **3** major **Research monographs** and any translations thereof

5 Granted **patents**

10 Invited presentations to internationally established **conferences** and/or international advanced schools

3 Research expeditions that the applicant PI has led

•**International recognition** through scientific or artistic **prizes/award**s or membership in well-regarded Academies or **artefact with documented use** (for example, architectural or engineering design, methods or tools);

•**Organisation of international conferences** in the field of the applicant (membership in the steering and/or organising committee)

•**Major contributions to** launching the careers of outstanding Researchers

•**Examples of innovation leadership**

ERC Advanced Grant 2024 - profile

Expected to be an **active** researcher and to have a track record of **significant** research **achievements**.

Research achievements provide a list of up to 10 research outputs.

ERC ADG 2024 – Part B1 - CV & track record (4 pages)

New **CV and Track Record template** (4 pages)

Personal details: education, key qualifications, current position(s) and relevant previous positions.

Research achievements (<=10) a list of up to 10 research outputs:
- demonstrating advancement in the field
- emphasis on more recent achievements
- short narrative on significance of achievements

Peer recognition: a list of selected examples of significant prizes, fellowships, academy membership, etc.

Additional information:
- career breaks, diverse career paths, life events
- other contributions to research community

A short explanation of the significance of the selected outputs, the role of the applicant in producing each of them, and how they demonstrate the applicant's capacity to successfully carry out their proposed project may be included, as well as a short explanation of the importance of the listed examples of significant peer recognition.

The applicant may also include relevant information on, for example, **career breaks, unusual career paths**, as well as any particularly noteworthy **contributions to the research community**. These will not in themselves be evaluated but are important to provide context to the evaluation panels when assessing the principal investigator's research achievements and peer recognition in relation to their career stage.

ERC ADG 2024 – Part B1 - CV & track record (4 pages)

Research achievements (<=10)

- **Publications (some Selected Publications)**
- **Research monographs / Books (w. translations)**
- **Funding: Projects:** los pasados. Los actuales en sección Funding ID
- **Outreach – Press – Media**
- **Patents**
- **Documentaries/audiovisual productions**
- **Archaeological campaigns**
- **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
- **Contributions to regulations/normatives**

ERC ADG 2024 – Part B1 - CV & track record (4 pages)

Research achievements (<=10)

short narrative on achievements

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 remittances (2014)

Invitation to serve as expert panellist on migrant smuggling, United Nations, Vienna (2017)

https://jorgencarling.files.wordpress.com/2019/10/carling-erc-cv-and-track-record.pdf

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.

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.

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.

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.

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

ERC ADG 2024 – Part B1 - CV & track record (4 pages)

Research achievements (<=10)

diversity of achievements

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

ERC ADG 2024 – Part B1 - CV & track record (4 pages)

Research achievements (<=10)

signiticance of achievements

Baroni   Part B1   ALiEN

Section c: Ten years track-record

Publication profile

Publications with ≥100 Google Scholar citations (since September 2010): 17

10 significant publications since Sept. 2010 (GS citation counts in parenthesis, retrieved on July 22nd 2020):

M. Baroni and A. Lenci. 2010. Distributional Memory: A general framework for corpus-based semantics. *Computational Linguistics* 36(4), **2020 10-year ACL test-of-time award** (700). **Significance:** *Early work on general-purpose induction of distributed linguistic representations from data, also establishing the methodology of wide-range linguistic probing of the knowledge encoded in such representations.*

M. Baroni and R. Zamparelli. 2010. Nouns are vectors, adjectives are matrices: Representing adjective-noun constructions in semantic space. *Proceedings of EMNLP*, **2020 10-year ACL test-of-time award nomination** (497). **Significance:** *Early work on compositionally deriving distributed representations of phrases, anticipating deep learning models developed for the same purpose.*

E. Bruni, N. Tran and **M. Baroni**. 2014. Multimodal distributional semantics. *Journal of Artificial Intelligence Research* 49, **2017 IJCAI-JAIR best paper prize for the preceding 5 years** (644). **Significance:** *The pioneering work of my team on learning multimodal concept representations from visual and textual data is summarized in this article.*

M. Baroni, G. Dinu and G. Kruszewski. 2014 Don't count, predict! A systematic comparison of context-counting vs. context-predicting semantic vectors. *Proceedings of ACL* (1322). **Significance:** *This was one of the first papers demonstrating the power of new-generation neural-network-based word embeddings, proposing several tests that became standard in the community.*

T. Mikolov, A. Joulin and **M. Baroni**. 2016. A roadmap towards machine intelligence. *Proceedings of CICLing* (90). **Significance:** *An extended "vision" paper on the central role of communication for flexible AI.*

https://marcobaroni.org/alien/ALIEN-ERC_AdG_2020_B1.pdf

Support to the ERC Programme

La Oficina Europea de la FECYT https://www.horizonteeuropa.es/info/oficina-europea

impulsamos la participación y liderazgo de la comunidad investigadora y centros de I+D españoles en el Programa Marco de I+D+i

NCPs

- ERC
- MSCA
- Cluster 1 "Salud"
- Cluster 2 " Cultura, creatividad y sociedad inclusiva"
- L&F
- EIC

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Established by the European Commission

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Árbol de servicios ERC: https://www.horizonteeuropa.es/arbol-de-servicios-de-apoyo-al-programa-european-research-council-erc
Boletín Oficina Europea: https://horizonteeuropa.us21.list-manage.com/subscribe?u=dcaa9e9e781a6a6831b2ace17&id=232c6181ae

How we can be of help with your ERC proposal

Con colaboraciones expertas, fundamentalmente **ERC Grantees**

Step 1

Jornadas informativas

Talleres de preparación propuestas

Reading Days

Revisión propuestas

Análisis perfiles bibliométricos de ERC Grantees (2018-2020)

Step 2

Simulacros de entrevistas

Soporte al tramitar la portabilidad a una institución española

Europa Excelencia (AEI) para las ERC individuales con A sin financiar

Asesoramiento a demanda ciclo de vida: propuesta y contrato

¡MUCHAS GRACIAS!