ERC - European Research Council
Supporting top researchers from anywhere in the world

Aslı VURAL

ERC National Contact Point
ERC Programme Committee Member

24 March 2023

The Scientific and Technological Research Council of Turkey
TÜBİTAK
Content

• ERC, WP, Calls and Rules
• Application forms
• Evaluation Process
• Other important issues
• TÜBİTAK Support Programmes
• Suggestions
ERC
Work Programme
Calls
Rules
Horizon Europe (2021-2027)

The ERC represents 17% of the overall Horizon Europe budget, i.e. €16 billion.

Total budget: €95.5 Billion
The ERC, set up by the European Union in 2007 is the premier European funding organisation for excellent frontier research.

The ERC's mission is to encourage the highest quality research in Europe through competitive funding and to support investigator-driven frontier research across all fields, on the basis of scientific excellence.

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

The ERC is led by an independent governing body, the Scientific Council.
Objectives and Principles of ERC

Scientific Excellence

- anywhere in the world
- any field of research
- High risk / High gain
- Portable (Money follows researcher)
- best settings to foster creativity
- One Principle Investigator (except SyG)
- One Host Institution
- Attractive, flexible, long term funding
A success story for 15 years

>10,000 top researchers

>12,000 projects

200,000 articles published. Over 6,100 articles are among the top 1% highly cited.

2,200 patents and other IPR applications

400 start-up companies funded/co-funded by ERC Grantees

75,000 team members employed in ERC Grants (Each ERC grantee employs on average 7 team members)

850 host institutions

85 nationalities

ERC Grantees have won 12 Nobel Prizes, 6 Fields Medals, 11 Wolf Prizes

More than %70-80 of projects made scientific breakthrough or major advances
Why would I apply to the ERC?

ERC offers you

• the possibility to work on a research topic of own choice, with a team of own choice

• true financial autonomy for 5 years.

• the means to negotiate with the host institution for the best conditions.

• the means to allocate time for research

• the ability to attract best team members, best collaborations as a quality label.
ERC Grants

**Proof of Concept** (for ERC Grant Holders)
bridging gap between research - earliest stage of marketable innovation
up to €150,000 for up to 18 months
(Possibility to apply to EIC Transition with the results)

**Starting Grant**
- 2-7 years after PhD
- up to €1.5 Million for 5 years
- + up to €1 Million*

**Consolidator Grant**
- 7-12 years after PhD
- up to €2 Million for 5 years
- + up to €1 Million*

**Advanced Grant**
- 10 years track record
- up to €2.5 Million for 5 years
- + up to €1 Million*

**Synergy Grant**
- 2 - 4 PIs at any career stage
- up to €10 Million for 6 years
- + up to €4 Million*
• ERC **does not** fund consortium based multi-partner international projects

• ERC **does not** evaluate “Impact” or “Implementation”: it evaluates only “scientific excellence”

• ERC **does not** request work packages and especially deliverables in the proposal

• ERC **does not** focus on final product/outcome
# 2023 ERC Calls

## Total Budget of the Calls:
2.2 Billion €

## Total number of projects to be funded:
983

## Total number of StG+CoG projects to be funded: 707 (%72)

A Similar call calendar is expected for 2024 calls

<table>
<thead>
<tr>
<th>Call identifier</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Synergy Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERC-2023-StG</td>
<td>ERC-2023-CoG</td>
<td>ERC-2023-AdG</td>
<td>ERC-2023-SyG</td>
<td></td>
</tr>
<tr>
<td>Call opens</td>
<td>12/07/2022</td>
<td>28/09/2022</td>
<td>08/12/2022</td>
<td>13/07/2022</td>
</tr>
<tr>
<td>Call deadline</td>
<td>25/10/2022</td>
<td>02/02/2023</td>
<td>23/05/2023</td>
<td>08/11/2022</td>
</tr>
<tr>
<td>Budget million EUR (estimated number of grants)</td>
<td>628 (407)</td>
<td>595 (300)</td>
<td>597 (246)</td>
<td>300 (30)</td>
</tr>
</tbody>
</table>
Important Documents

ERC Work Programme 2023

European Research Council
Established by the European Commission

Others:

• Guide for peer reviewers
• How to Complete your Ethics Self-Assessment
• ERC Rules of Submission
• Model Grant Agreement

! 2024 WP will be published in July 2023 with some changes in evaluation and application forms

https://ufukavrupa.org.tr/tr/alanlar-kumeler/avrupa-arastirma-konseyi
## Calculation of Eligibility Window for 2024 calls

### Update on 2023 Calls
Prospective applicants to the 2023 Starting and Consolidator Grant Calls should note that the ERC is aiming to change the 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**.

### Special Eligibility Criteria

<table>
<thead>
<tr>
<th></th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced or Synergy Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Eligibility</td>
<td>First successful PhD defence date</td>
<td>First successful PhD defence date</td>
<td></td>
</tr>
<tr>
<td>Criteria</td>
<td>&gt;2 and ≤ 7 years Prior to 1 Jan 2024</td>
<td>&gt;7 and ≤ 12 years Prior to 1 Jan 2024</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>For ERC-2024-StG call</strong></td>
<td><strong>For ERC-2024-CoG call</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>From 1 January 2017 to 31&lt;sup&gt;st&lt;/sup&gt; December 2021 (inclusive)</td>
<td>From 1 January 2012 to 31&lt;sup&gt;st&lt;/sup&gt; December 2016 (inclusive)</td>
<td></td>
</tr>
</tbody>
</table>

For 2024 Calls the reference date will be 1 January 2024.
Extension of the Eligibility Window

Properly documented circumstances:

**Maternity:** (18 months extension for each child born before or after the date of the successful defence of their PhD defence. If the applicant can document a longer total maternity leave, the eligibility period will be extended by the documented amount of actual leave(s) for all children taken before the call deadline. Same also applies for child adoption.)

**Paternity** (documented time of leave taken before the call deadline for each child born before or after PhD defence. The same principle also applies for child adoption)

**Long term illness** (Over 90 days for the Principal Investigator or a close family member (child, spouse, parent or sibling). After the PhD defence. An extension can be granted corresponding to the documented time of leave actually taken)

**National service** after PhD defence

**Clinical training** (after PhD defence and up to 4 years)

**NEW** **Natural disaster** (after PhD defence, Large-scale geological or meteorological events that have the potential to cause the loss of life or property, up to 30 days)

**NEW** **Seeking Asylum:** (after PhD defence)
Minimum Time Commitment of PI

<table>
<thead>
<tr>
<th>Minimum percentage of the working time of a Principal Investigator that must be spent</th>
<th>Starting Grant</th>
<th>Consolidator Grant</th>
<th>Advanced Grant</th>
<th>Synergy Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>On the ERC project</td>
<td>50%</td>
<td>40%</td>
<td>30%</td>
<td>30% for each Principal Investigator</td>
</tr>
<tr>
<td>In a Member State or Associated Country</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50% for each Principal Investigator engaged and hosted by an institution in the EU or Associated Countries</td>
</tr>
</tbody>
</table>

Field work outside EU&AC:
Time spent on such field work or other research activities may count as time spent in the EU or the Associated Countries for the purpose of the Principal Investigator’s time commitment.

Applicable for the whole duration of the project
Changes in ERC 2024 WP: application forms and evaluation procedures

• The current CV and Track Record templates will be combined and simplified and applicants will be able to add short narrative descriptions to explain the information provided.
• Applicants will also be invited to explain career breaks or unconventional career paths and to describe exceptional contributions to the research community (being a panelist, science communication activities, citizen science, training young researchers etc.).
• Profiles of the ERC Principal Investigators which appeared in previous Work Programmes will no longer be necessary.
• The project proposal will explicitly weighed more than the past achievements of the applicant during the evaluation.

✓ Full details will be found in the ERC Work Programme 2024 and the associated guidance documents. (July 2023)
✓ Suggestion: Applicants may start their preparations by using the 2023 templates for the time being.

Application Forms
Application Forms

Part B1 (submitted as pdf)
**Evaluated in Step 1 & Step 2**

- Text box - Cross-panel explanation
- a – Extended synopsis 5 pages
- b – Curriculum vitae 2 pages
- c – Track-record 2 pages
- Appendix – Funding ID no page limit

Part B2 (submitted as pdf)
**Only evaluated in Step 2**

- Scientific proposal 14 pages
- a – State-of-the-art and objectives
- b – Methodology
- c – Resources => online (part A)

Administrative forms (Part A)

1 – General information
2 – Administrative data of participating organisations
3 – **Budget- resources section**
4 – Ethics
5 – Call specific questions

Annexes

- HI Statement of Support
- PhD Certificate (for StG and CoG)
- Documentation for requests for eligibility extensions
- Documentation for ethical issues

Changes are expected in CV and track record in WP 2024

**Read the Information for Applicants**
**Proposal Full Title**

**PROPOSAL ACRONYM**

**Cover Page**
- Name of the Principal Investigator (PI)
- Name of the PTs host institution for the project
- Proposal duration in months

**Extended Synopsis: 5 pages + references**

Concise presentation of the proposal with emphasis on ground-breaking nature and feasibility taking into account the current state-of-the-art.
Please follow the template for StG, CoG or AdG

Changes are expected in WP 2024
Section c: Early achievements track record (max. 2 pages)

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 2023 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.

2 pages

For StG:
Upto 5 selected publications

For CoG and AdG:
Upto 10 selected publications

Include short narrative for each pub.

Include field relevant bibliometric indicators

No JIF (journal Impact factors)

+ other achievements

Changes are expected in WP 2024
Early achievements track record

1. Up to **five 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 (except JIF) 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.

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

**Benchmark:** PI must have already shown the potential for research independence and evidence of maturity (for example by at least one important publication as main author or without the participation of PhD supervisor)

Changes are expected in WP 2024
Early achievements track record

1. 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 (except JIF) 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.

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

Benchmark: PI must have already shown the potential for research independence and evidence of maturity (for example by several important publication as main author or without the participation of PhD supervisor)

Changes are expected in WP 2024
B1: Track Record for AdG

Ten year track record

1. Up to ten representative publications as main author (or in those fields where alphabetical order of authorship is the norm, joint author) in major international peer-reviewed multi-disciplinary scientific journals and/or in the leading international peer-reviewed journals and peer-reviewed conference proceedings of their respective research fields (properly referenced, field relevant bibliometric indicators may also be included (except 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);

2. Research monographs and any translations thereof;

3. Granted patents;

4. Invited presentations to internationally established conferences and/or international advanced schools;

5. Research expeditions that the applicant Principal Investigator has led;

6. Organisation of international conferences in the field of the applicant (membership in the steering and/or organising committee);

7. Prizes, awards, academy memberships;

8. Major contributions to the early careers of excellent researchers;

9. Examples of innovation leadership.

Ten year track record can be extended for maternity, paternity, long term illness, national service, clinical training, natural disaster, seeking asylum.

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

Changes are expected in WP 2024

Benchmark:
PIs must have already shown a record, which identifies them as an exceptional leader in terms of originality and significance of their research contributions. At least matching one or more of the following benchmarks:

• 10 publications as main author (or in those fields where alphabetical order of authorship is the norm, joint author) in major international peer-reviewed multi-disciplinary scientific journals, and/or in the leading international peer-reviewed journals, and/or peer-reviewed conferences proceedings of their respective field;

• 3 major research monographs. This benchmark is relevant to research fields where publication of monographs is the norm.

+ other alternative benchmarks
**B1: Track Record**

Figure 1. Citation in the last decade (Web of Knowledge)

Figure 2. Invited lectures in the last decade

<table>
<thead>
<tr>
<th>Type of Publication</th>
<th>#</th>
<th># without the PhD supervisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>peer-reviewed international journals</td>
<td>17</td>
<td>12</td>
</tr>
<tr>
<td>peer-reviewed conferences proceedings</td>
<td>31</td>
<td>16</td>
</tr>
<tr>
<td>book chapters</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>books</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
Describe clearly **any scientific overlap** between your ERC application and the current research grant or on-going grant application.
Objectives in the context of state-of-the-art, how and why this is important, impact, challenges

Section b. Methodology

Detailed, key intermediate goals, how SOA is your methodology, justify partners

Do NOT include any description of resources or budget table here (Part B2). The Resources section and the detailed budget table are part of the online submission form (Part A, Section 3 - Budget) which will be extracted and provided to the peer reviewers.

1 Instructions for completing Part B2 can be found in the ‘Information for Applicants to the Starting and Consolidator Grant 2023 Calls’.
Abstract

Extended Synopsis – B1

Full Proposal – B2

Source: ERCEA
The electronic form is accessed via the call submission link in Funding & Tenders Portal.

- 5 sections
- Many mandatory fields
- Devote enough time
Budget for grants

Total Budget:
- Maximum amounts and durations
- pro rata temporis (for projects of shorter period)

Budget Categories in application form
- Personnel Costs (PI, Senior Staff, students, other)
- Travel and subsistence
- Equipment
- Consumables
- Publications (incl. Open access fees) and dissemination
- Total other good, works and services

Additional funding can be requested for
- Start-up costs (If PI/PIs moving to the EU or an AC from elsewhere as a consequence of receiving the ERC grant)
- Major equipment
- Access to large facilities
- Major experimental and field work costs (excluding personnel costs)

Starting Grant: 1.5 M € for 5 years
Consolidator Grant: 2 M € for 5 years
Advanced Grant: 2.5 M € for 5 years
Synergy Grant: 10 M € for 6 years

Additional funding:
- 1 M € for StG/CoG/AdG
- 4 M € for SyG
- not subject to pro rata temporis

No upper limits for budget categories
Budget for grants

• %100 funding rate for direct costs + %25 of direct costs (overhead) ≤ max budget
  – Overhead rate is fixed
  – excluding the direct eligible costs for subcontracting and internally invoiced goods and services.

• **Depreciation costs** for purchases of equipment, infrastructure or other assets (not full costs)

• **EC rules together with national and institutional rules apply**

• The funding requested must be **fully justified** by estimation of real project cost

• All funding requested is **assessed** during evaluation by panelists

• Panels may suggest modifications(reductions) to the budget breakdown

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Ask for support from your institutional ERC contact point.

Financial and legal NCP in TÜBİTAK
(ncpfinance@tubitak.gov.tr)
I plan to allocate .... (one to max. two descriptive text pages) – max. 8000 characters.
Ethical Principles

• Comply with national, EU and international ethical principles and legislation
• Civil applications
• Headings:
  – Human embryonic stem cells and human embryos
  – Human participants
  – Human cells/tissues
  – Personal data
  – Animals
  – Non-EU countries
  – Environment, health and safety
  – Artificial Intelligence (NEW)
• Provide an ethics self-assessment and supporting documentation where needed
• See “How to Complete your Ethics Self-Assessment” document for guidance
Evaluation Process
Evaluation of scientific excellence at two levels:

- **Quality of the Research Project**
  - Ground-breaking nature
  - Potential impact
  - Scientific Approach

- **Quality of the Principal Investigator**
  - Intellectual capacity
  - Creativity
  - Commitment
ERC Evaluation Criteria

Quality of the Research Project

1. Research Project

Ground-breaking nature, ambition and feasibility

Starting, Consolidator, Advanced

Ground-breaking nature and potential impact of the research project

To what extent does the proposed research address important challenges?

To what extent are the objectives ambitious and beyond the state of the art (e.g. novel concepts and approaches or development between or across disciplines)?

To what extent is the proposed research high risk-high gain (i.e. if successful the payoffs will be very significant, but there is a high risk that the research project does not entirely fulfil its aims)?

Scientific Approach

To what extent is the outlined scientific approach feasible bearing in mind the extent that the proposed research is high risk-high gain (based on the Extended Synopsis)?

To what extent are the proposed research methodology and working arrangements appropriate to achieve the goals of the project (based on the research proposal)?

To what extent does the proposal involve the development of novel methodology (based on the research proposal)?

To what extent are the proposed timescales, resources and PI commitment adequate and properly justified (based on the research proposal)?

Quality of the Principal Investigator

Intellectual capacity and creativity

Starting and Consolidator

To what extent has the PI demonstrated the ability to conduct ground-breaking research?

To what extent does the PI provide evidence of creative independent thinking?

To what extent does the PI have the required scientific expertise and capacity to successfully execute the project?

Intellectual capacity and creativity

Advanced

To what extent has/have the PI(s) demonstrated the ability to conduct ground-breaking research?

To what extent does/do the PI(s) have the required scientific expertise and capacity to successfully execute the project?

To what extent has the PI demonstrated sound leadership in the training and advancement of young scientists (for Advanced Grant applicants)?
ERC Evaluation Process (StG/CoG/AdG)

**Step 1**

1. Submission of full proposals (B1 and B2)
2. Eligibility check
3. Step 1 evaluation of the proposal (B1) by at least 3 peer reviewers
4. 1st Panel meeting
   - Proposals Rejected: C, **or B**
   - Proposals retained: A

**Step 2**

1. Individual assessment of full proposal (B1 and B2) by panel members & referees
2. 2nd Panel meeting + Interview
   - Proposals not selected (A, reserve list, B)
   - Proposals selected for funding (A)
Rules on Resubmission:

Please consider:
- PhD year
- Your CV and track record
- Nature of the project
- Is your project high risk/high gain? Frontier?

! Waiting period concerns all ERC schemes of StG, CoG and AdG:
e.g.: If an applicant received C in ERC-2023-StG Call
he/she cannot apply to ERC-2024-StG/CoG and ERC-2025-StG/CoG

! Resubmission rules differ for Synergy Grant calls
Panels – StG, CoG, AdG

• **Predefined panels** for StG, CoG and AdG: 28 Panels

• **Panel members:** typically 375 / call (SyG:~90)
  - High-level scientists
  - Recruited by ScC from all over the world: ~14% from outside Europe
  - About 12-16 members plus a chair person

• **Remote Referees:** typically 2000 / call
  - Evaluate only a small number of proposals
  - Similar to normal practise in peer-reviewed journals

• For SyG panels are not predefined but will be decided dynamically in relation to the proposals received
Physical Sciences & Engineering

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

Life Sciences

LS1 Molecules of Life: Biological Mechanisms, Structures and Functions
LS2 Integrative Biology: From Genes and Genomes to Systems
LS3 Cell Biology, Development, Stem Cells and Regeneration
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 & Humanities

SH1 Individuals, Markets and Organisations
SH2 Institutions, Governance and Legal Systems
SH3 The Social World and Its Interactions
SH4 The Human Mind and Its Complexity
SH5 Texts and Concepts
SH6 The Study of the Human Past
SH7 Human Mobility, Environment, and Space
SH8 Studies of Cultures and Arts

See rational and main changes in ERC website
Two revisions: in 2021 and 2024 calls
Panel decision

- PI’s responsibility to choose the most relevant ERC Panel (primary panel)
- Secondary panel is optional
- See ERC keywords in Information for Applicants
- Decide on your panel before writing the proposal
- If necessary panel chairs may relocate the proposal from the initial panel
- Primary panel will determine if additional reviews by members of other panels or remote experts
Panel Budgets

• Indicative budget for each call in WP
• An indicative budget will be allocated to each panel (27 ERC Panels) in proportion to the budgetary demand of its assigned proposals in order to equalise the success rate across panels.
The composition of the ERC evaluation panels are by nature multi-disciplinary.

**PE8 Products and Processes Engineering**

Product and process design, chemical, civil, environmental, mechanical, vehicle engineering, energy processes and relevant computational methods

- PE8_1 Aerospace engineering
- PE8_2 Chemical engineering, technical chemistry
- PE8_3 Civil engineering, architecture, offshore construction, lightweight construction, geotechnics
- PE8_4 Computational engineering
- PE8_5 Fluid mechanics
- PE8_6 Energy processes engineering
- PE8_7 Mechanical engineering
- PE8_8 Propulsion engineering, e.g. hydraulic, turbo, piston, hybrid engines
- PE8_9 Production technology, process engineering
- PE8_10 Manufacturing engineering and industrial design
- PE8_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling, regeneration or recovery of compounds, carbon capture & storage
- PE8_12 Naval/marine engineering
- PE8_13 Industrial bioengineering
- PE8_14 Automotive and rail engineering; multi-/inter-modal transport engineering

**ERC-2021-StG PE8 Panel Members**

Suad Jakirlić (Panel Chair)
Mehdi Ahmadian
Yves Bamberger
Davide Bigoni
Jorge Gascon
Maria Gavrilescu
Carlos Guedes Soares
Saša Kenjereš
Cecilia Laschi
Paulo B. Lourenco
Thierry Poinsot
Eva María Martín Del Valle
Andreas Pauschitz
Guilermo Rus Carlborg
José Torero Cullen
Eicke R. Weber
David Zhengwen Zhang

See compiled list of panelists since 2007 in: https://ufukavrupa.org.tr/t/r alanlar-kumeler/avrupa-arastirma-konseyi (available for each grant type)
Evaluation Results

- information letter
- evaluation report
- final panel score
- ranking range
- the panel comment explaining the panel decision
- the individual comments given by each reviewer
Typical reasons for rejection

Research Project
- **Scope**: Too narrow ↔ too broad/unfocussed
- Incremental research
- Collaborative project, several PIs
- Work plan not detailed enough/unclear
- Insufficient risk management

Principle Investigator (PI)
- Insufficient track-record
- Insufficient (potential for) independence

Before Redressing: see what you could you have done/explained/presented better before blaming the process!

- Differing scientific opinion is **not a** motivation for redress
- An obvious mistake however might result in a re-evaluation

Source: ERCEA
Other Issues
Publications:
• Immediate open access to all peer reviewed scientific publications (articles, book chapters, long text such as monographs, edited collections, PhD thesis etc.)
• Full re-use rights (excluding long text formats and commercial re-use and derivate works)
• Beneficiaries/authors must ensure sufficient IPR
• Publishing costs are eligible only if publishing venue (journal or book) is fully open access

Research Data:
• Open access to research data and data related products (computer codes, algorithms, softwares, workflows, protocols etc.)
• FAIR (findability, accessibility, interoperability and reusability) principles
• DMP (Data Management Plan) within the first six months
• “As open as possible, as close as necessary”
Gender balance

– Mandatory Gender Equality Plan – GEP for the HI
– Promoting gender balance at all levels of personnel during the implementation of the project
– PIs should determine the relevance of integrating sex and gender analysis into their research
– Costs for promoting gender balance can be considered eligible
Turkey’s ERC Performance
Turkey’s ERC performance

• In 2007-2022: 977 Applicants* and 42 ERC Grants*

• 35 Grants (12 of them in HE) are running/completed in Turkey with 63 Million € budget

• In addition 12 Proof of Concept Projects (5 of them in HE) *at the time of the application
6 researchers in Turkey have been selected for funding with a total budget of 11.3 M € in ERC 2021 Starting Grant and Consolidator Grant calls.

- Dr. Mustafa YÜCEL
  ERC 2021 Consolidator Grant
  Middle East Technical University

- Dr. Sedat NİZAMOĞLU
  ERC 2021 Consolidator Grant
  Koc University

- Dr. Özgür ATALAY
  ERC 2021 Starting Grant
  Istanbul Technical University

- Dr. Levent BEKER
  ERC 2021 Starting Grant
  Koc University

- Dr. Onur ERGEN
  ERC 2021 Starting Grant
  Istanbul Technical University

- Dr. Emre BÜKÜŞOĞLU
  ERC 2021 Starting Grant
  Middle East Technical University
2 researchers in Turkey have been selected for funding with a total budget of 4,9 M € in ERC 2021 Advanced Grant call.

Assoc Prof. Dr. F. Ömer İLDAY
ERC 2021 Advanced Grant
İhsan Doğramaci Bilkent University - UNAM

Prof. Dr. Tolga M. DUMAN
ERC 2021 Advanced Grant
İhsan Doğramaci Bilkent University
4 araştırmacımız
7 Milyon Avro bütçe ile ERC 2022 Starting Grant çağrısında desteklenmeye hak kazandı
### Host Institutions in Turkey

<table>
<thead>
<tr>
<th>Host institution*</th>
<th>Number of Grantees</th>
<th>StG</th>
<th>CoG</th>
<th>AdG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Koç University</td>
<td>17</td>
<td>13</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Bilkent University</td>
<td>8</td>
<td>4</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Middle East Technical University</td>
<td>5</td>
<td>2</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Istanbul Technical University</td>
<td>2</td>
<td>2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sabancı University</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>Kadir Has University</td>
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<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>İstanbul Bilgi University</td>
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<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Toplam</td>
<td>35</td>
<td>22</td>
<td>9</td>
<td>4</td>
</tr>
</tbody>
</table>

*current Host Institutions In 2007-2021 calls and 2022 StG&CoG calls*

**ERC Proof of Concept projects:** 12
Fonlanan ERC Proje Sayısı ile Yayınların Korelasyonu

**ERC Proje Sayısı vs. %1'lık Dilimde En Çok Atıf Alan Yayın Sayısı**

- $R^2 = 0.94$
- Korelasyon $= 0.97$

Src: ERC
Fonlanan ERC Proje Sayısı ile GSYİH Korelasyonu

**ERC Projeleri ile Gayri Safi Yurtiçi Ar-Ge Harcamalarının Karıştırmaları**

Korelasyon: 0.857842

R²: 0.735892
Fonlanan ERC Proje Sayısı ile Bilim İnsanı ve Mühendis Sayısının Korelasyonu

R2=0.8415
Korelasyon: 0.9173
TÜBİTAK Support Programmes
TÜBİTAK Supports

- Proposal preparation
- Project lifetime
- Project ends
Support from your ERC National Contact Points

- Bridge between you and ERC
- Guidance in proposal writing
- Information on Host Institutions in Turkey
- Pre-evaluation support of your proposal
- Guidance with reading your Evaluation Summary Report
TÜBİTAK EBAG Supports

ERC Principle Investigator Advancement Programme

EBAG General Application

Evaluation (by two independent experts)

Sub-programme Application

- Draft B1 is needed for the general application
- **Deadline for general application**: 45 days before each ERC Call
- Feedback provided
- Apply for subcategories programmes
- **Apply as early as possible**
- Check eligibility criteria for experts and consultancy firms for each sub-programme
- Fast evaluation possibility
- For pre-evaluation: one expert and one consultancy company option is possible
- **ERC Mentoring Initiative** (ERC Panelists and ERC Grantees)
- You will receive reimbursements afterwards
- Get support from your EU office

Project Writing Training

Project Pre-Evaluation

Interview Training

https://ufukavrupa.org.tr/tr/destekler/erc-bas-arastirmaci-gelistirme-programi
If you pass to the second evaluation step but didn’t receive funding:

**ERC Above Threshold Award**

<table>
<thead>
<tr>
<th>Score in the second evaluation step</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>20,000 TL</td>
</tr>
<tr>
<td>A</td>
<td>25,000 TL</td>
</tr>
<tr>
<td>A - Reserve</td>
<td>30,000 TL</td>
</tr>
</tbody>
</table>

**BİDEB 2247 – B Programme**

- To improve your ERC application
- You need to re-submit your proposal to ERC in 2 years

<table>
<thead>
<tr>
<th>Score in the second evaluation step</th>
<th>Maximum Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>500,000 TL</td>
</tr>
<tr>
<td>A</td>
<td>1,000,000 TL</td>
</tr>
</tbody>
</table>

[https://ufukavrupa.org.tr/tr/destekler/esik-ustu-odulu](https://ufukavrupa.org.tr/tr/destekler/esik-ustu-odulu)

**Aim:** The support is provided for researchers who have carried out a multi-partner project as coordinators, ERC principle investigator or an ERC panelist residing abroad to cover the costs of the visits to institutions in Turkey.

**Content**
- Employees working in organizations that want to invite the foreign researchers can apply
- Airplane ticket
- Accommodation expenses
- Travel expenses
- Visa costs

**Max. 1500 Euro support**

Register to our E-Bulletin

EUROPEAN UNION

HORIZON EUROPE

What is Horizon Europe?

For more information...

THE EU RESEARCH & INNOVATION PROGRAMME
2021 - 2027

#HorizonEU

https://ufukavrupa.org.tr/
Starting Grant projesi doktorlara çoğun sekiz tanrıçanın (çoğun kabulde ve olarak bilişte gişeler) 2-7 yıl önce aldığı genç araştırma için yarıştırılacak. 2023-185 görüşmesi 1 Ocak 2018 - 31 Aralık 2022 arasında doktorlara düşük araştırma tarafından yapılış.

Çoğun, aslının ve uzun dönemli hastalıklar gibi danışmanlıkta aranın dinlendirmeleri gibi önleme alınması bu zaman ayrıntılıdır. Merkezinde bir anahtara dönüşte olduğu için doktorlara onay ovunca yöntemle nanomakulajının预警. Bu ihtiyaçları bahsettiği dönemdeki bir çerçeve oluşturulabilir. Having bu最終輸入での助をためてのためのダミーを挿入またはomissionなくずるため、必要ある場合のみ許可される。

2023-185 görüşmesi 12 Temmuz 2022 tarihinde açılmaktadır ve 25 Ekim 2022 tarihine kadar olarak sürebilir.

Çoğunוקlu koşularda için ERC ulusal buta noktalara olarak [ereçojankbauq.org.tr] adresinden bakte rehberlik edilebilir.
ERC website

https://erc.europa.eu/

- Funded Projects
- Statistics
- Open Calls
- Success Stories
- Magazine
- News & Events
- Panelists
- Publications and Studies
Project databases

https://erc.europa.eu/

PI & Panel


Project reports, results (publications) and news
Suggestions
For a successful proposal...

Choose your panel before writing your idea
Devote time for choosing your panel

Devote time for drafting your proposal
Compare yourself and your idea with others funded by ERC
Don’t wait until the last year
Contact your project office
Get scientific feedback from your colleagues
Organize mock-interviews
Apply EBAG (don’t forget Mentoring Initiative)

Make sure you understand your Evaluation Results
Apply and re-apply to ERC
At all the stages contact us as NCPs
Thank you

Aslı VURAL
Derya DÖNERTAŞ

ERC National Contact Points
ERC Programme Committee Members
TÜBİTAK

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E: ncperec@tubitak.gov.tr
https://ufukavrupa.org.tr/