

# A guide to International grant agencies

## International grant agencies

Associate Professor Thomas E. Guadamuz, PhD, MHS

Assistant to the President for Research and Scientific Affairs

Department of Society and Health, Faculty of Social Sciences and Humanities  
Mahidol University



# Outline

- NIH
- Wellcome trust
- ERC
- Franco-Thai



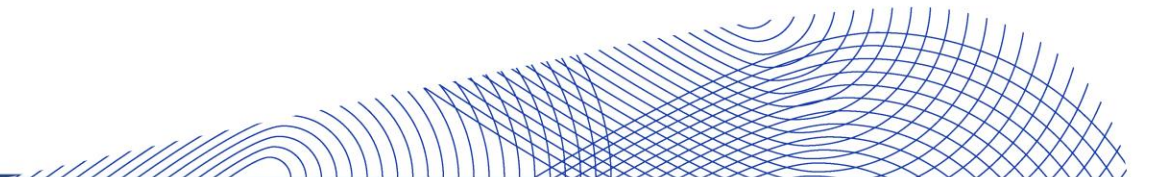
Campus France Thailand



- National Institutes of Health (27 ICs)
  - National Institute of Allergy and Infectious Diseases (NIAID)
  - National Institute of Mental Health (NIMH)
  - National Institute on Drug Abuse (NIDA)
  - Fogarty International Center (FIC)
- Office of Behavioral and Social Sciences Research (OBSSR) Research Support
  - “OBSSR supports behavioral and social sciences research at the NIH by coordinating and/or participating on funding opportunity announcements (FOAs) and by providing co-funding to NIH Institutes and Centers that support this research”
  - Training
  - Events

# Before proposal development

- ☑ eRA Commons (<https://era.nih.gov/>)
- ☑ NIH eReporter (<https://projectreporter.nih.gov/>)
- ☑ Funding Opportunity Announcements (FOAs)
  - Program Announcement (PA)
    - PAR—PA with special receipt, referral and/or review
    - PAS—PA with [set-aside funds](#)
  - Request for Application (RFA)
    - Focus area with [set aside funds](#), special review, single deadline
  - Request for Proposal (RFP)





# Before proposal development

- ☑ Webinars (various ICs and Offices)
- ☑ Talk to program officer
  - Email/Phone call
  - Names listed on FOAs
  - Names listed on NIH grant awards (eReporter)
  - Should have a specific aims page sent beforehand
  - Prepare questions/bullet points
  - Ask for paylines

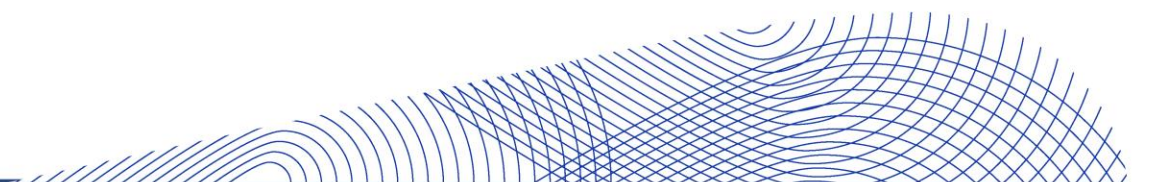
- New Investigator (no R01 PI/MPI experience)
- Early-stage Investigator (<10 years PhD/MD)

Anyone can apply



# Types of grant applications

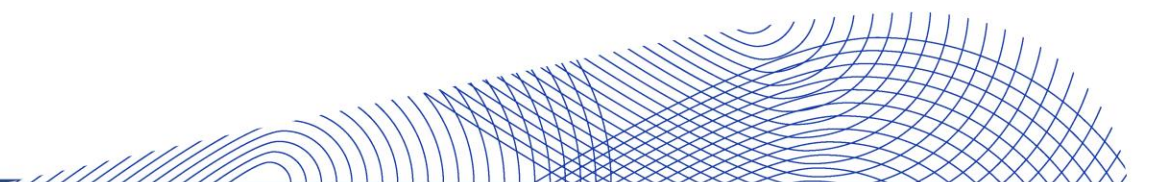
- Small research grant program (R03)
- Exploratory/developmental research grant award (R21)
- (Clinical trial) Planning grant program (R34)
- Research project grant program (R01)



# Types of grant applications

## Small grant program (R03)

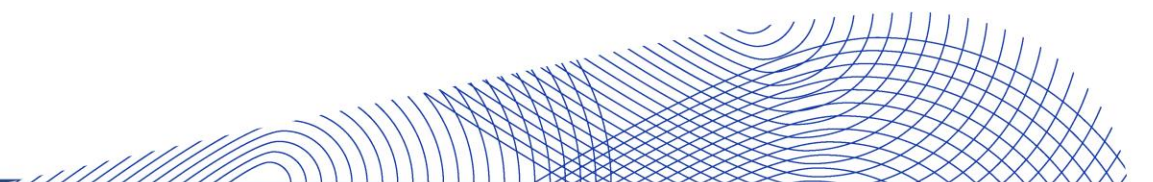
- 100,000 USD maximum
- Up to 2 years
- No preliminary data required
- 6-page research plan
- Secondary data analysis
- New technology/methods



# Types of grant applications

## Exploratory/developmental research grant award (R21)

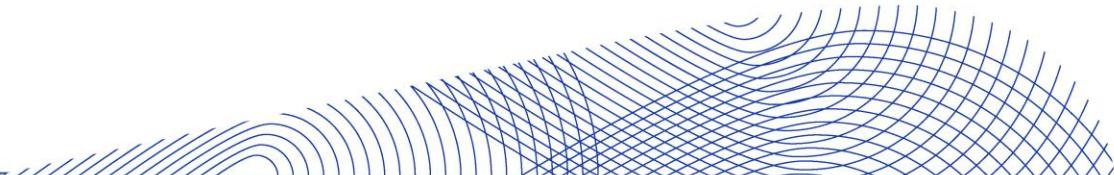
- 275,000 USD maximum
- Up to 2 years
- No preliminary data required
- 6-page research plan
- Exploratory, novel studies that break new ground
- High-risk/high reward studies





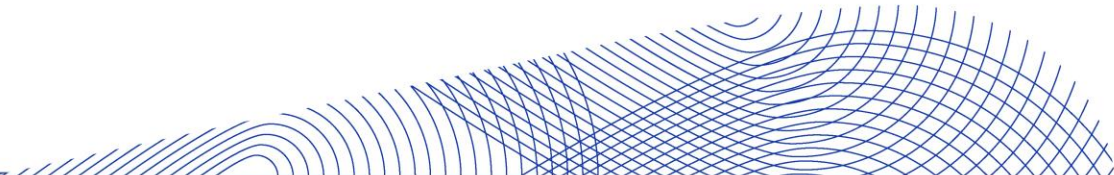
# Types of grant applications

## (Clinical trial) Planning grant program (R34)

- 450,000 USD maximum
  - Up to 3 years
  - No preliminary data required
  - 12-page research plan
  - Establish research team
  - Finalization of protocol
  - Pilot studies or collection of feasibility data
- 

# Types of grant applications

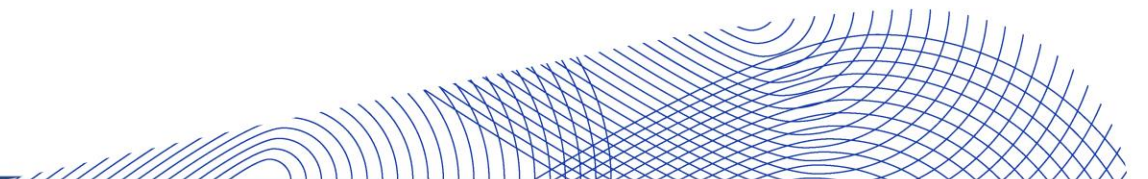
## Research project grant program (R01)

- 2,500,000 USD maximum (general R01s)
  - Up to 5 years
  - Preliminary data/pilot studies required
  - 12-page research plan
  - Flagship award at NIH
  - Renewal allowed
  - Supplement allowed
- 

# Research project grant program

## Allowable costs

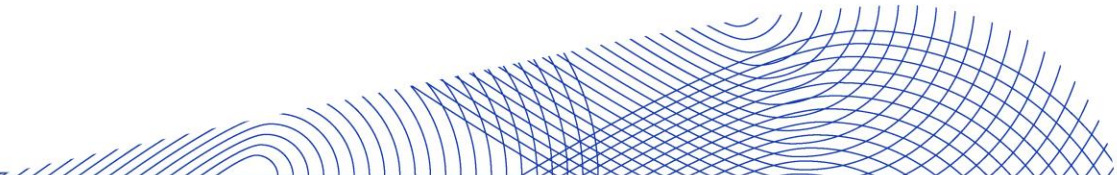
- Salary and fringe benefits
- Equipment and supplies
- Consultant costs
- Alterations and renovations
- Publications and miscellaneous costs
- Contract services
- Consortium costs
- Facilities and Administrative costs (indirects)
- Travel expenses



# Can't find an FOA?

- Parent R01
  - Research Project Grant (Parent R01 Clinical Trial Not Allowed) [PA-20-185](#)
  - Research Project Grant (Parent R01 Clinical Trial Required) [PA-20-183](#)
  - Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required) [PA-20-184](#)
- Parent R21
  - Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed) [PA-20-195](#)
  - Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Required) [PA-20-194](#)
- Parent R03
  - Small Research Grant Program (Parent R03 Clinical Trial Not Allowed) [PA-20-200](#)

# After proposal submission

- Bad scores or unscored ('Not Discussed'):  
**OK to be sad, but must be resilient!**
  - Summary statement (PO)
    - Scoring (5 areas) : Significance, Investigator, Innovation, Approach, Environment
    - Summary of discussion by SR committee
    - Score by section by reviewer
    - Human subjects concerns
  - Discuss with research team/strategize
  - Discuss with program officer
  - Resubmission
- 

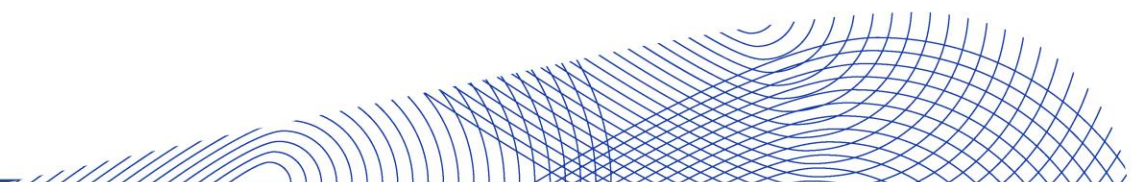


# My R01 experience

## Center for Scientific Review

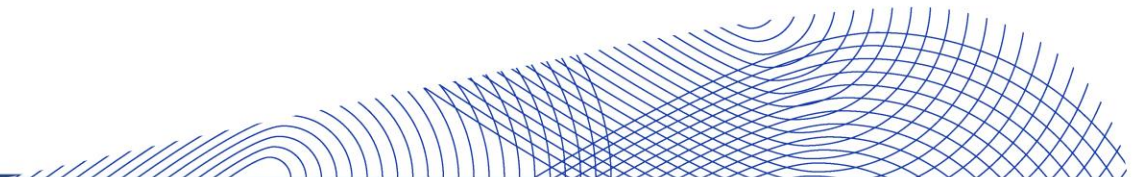
1st submission: September 7, 2017

- Not discussed
- Change title and submit as new application
- 2<sup>nd</sup> submission: May 7, 2018
  - Resubmit (percentile: 36%)
- 3<sup>rd</sup> submission: January 7, 2019
  - Funded by NIMH (percentile: 7%)



# Tips and tricks

- Begin early
- Have collaborators/network of well-published investigators
- Seasoned NIH investigator as consultant/Co-I
- Read FOAs, register to receive automatic announcements (e.g., PAR, PAS, RFA)
- Use eReporter/look at other funded grants
- Don't be afraid to approach POs



# Standard application due date

Activity codes	Program description	Cycle I	Cycle II	Cycle III
R01 ( <i>new</i> )	Research Grants	February 5	June 5	October 5
U01 ( <i>new</i> )	Research Grants - Cooperative Agreements	February 5	June 5	October 5
R03, R21, R34 ( <i>new</i> )	Other Research Grants and Cooperative Agreements	February 16	June 16	October 16



# Wellcome's vision and strategy

Wellcome supports science to solve the urgent health challenges facing everyone.

Wellcome's expertise across science, innovation and society to deliver ambitious goals:

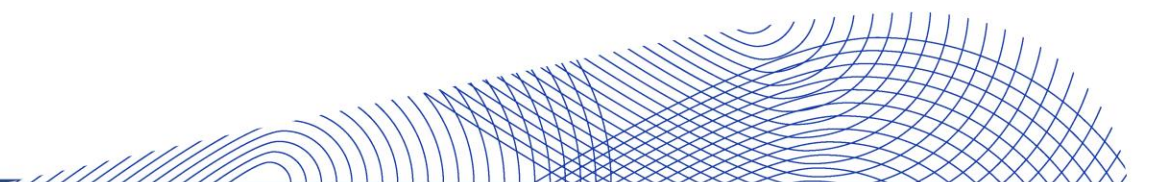
- **Mental health:** Working with people who have lived experience of mental health issues to improve research, understanding and treatment of mental health.
- **Infectious disease:** Working with communities affected by escalating infectious diseases to bring those diseases under control and stop epidemics.
- **Climate and health:** Working with the communities most affected by climate change to explore the harmful effects of global heating on health, and to use research to develop new ways of protecting people's health.

# Discovery Research Schemes

The new schemes are designed to give researchers more freedom, time and resource to pursue their ideas and build a better research culture.

Your research can be in any discipline – including science, technology, engineering and mathematics (STEM), experimental medicine, humanities and social science, clinical/allied health sciences, and public health – as long as it has the potential to improve human life, health and wellbeing.

- Wellcome Early-Career Awards
- Wellcome Career Development Awards
- Wellcome Discovery Awards





# Wellcome Early-Career Awards

This scheme provides funding for [early-career researchers](#) from any discipline who are ready to develop their research identity.

## **You must have:**

- completed a PhD (for example, in the life sciences) or
- at least four years' equivalent research experience (for example, in the humanities and social sciences).
- some postdoctoral experience in your proposed field of study, but generally no more than three years.

## **Where your host organisation is based:**

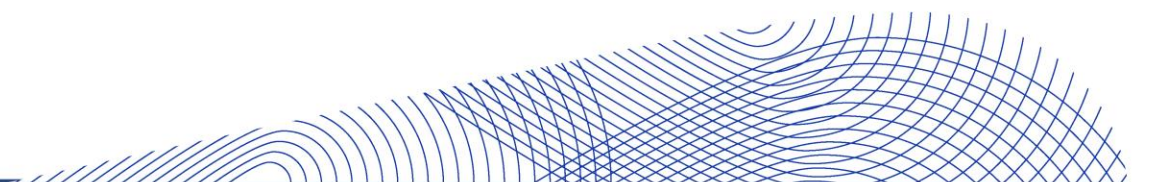
UK, Republic of Ireland, Low- or middle-income countries (apart from India and mainland China)

## **Level of funding:**

Salary and up to £400,000 for research expenses

## **Duration of funding:**

Usually 5 years, but may be less for some disciplines, and longer if held on a part-time basis



# Wellcome Career Development Awards

This scheme provides funding for **mid-career researchers** from any discipline who have the potential to be international research leaders.

## **You must have:**

- completed one or two substantial periods of research after your initial training.
- made important contributions to your area of research.
- have experience of working collaboratively.

## **Where your host organisation is based:**

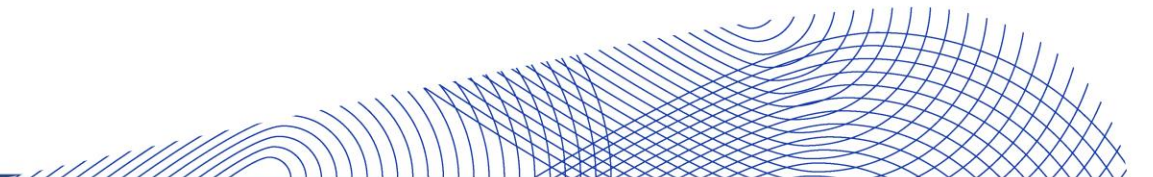
UK, Republic of Ireland, Low- or middle-income countries (apart from India and mainland China)

## **Level of funding:**

Your salary (if required) and the resources you need for your research programme

## **Duration of funding:**

Usually 8 years, but may be less for some disciplines and longer if held on a part-time basis



# Wellcome Discovery Awards

This scheme provides funding for **established researchers and teams** from any discipline who want to pursue bold and creative research ideas to deliver significant shifts in understanding that could improve human life, health and wellbeing.

## **You must have:**

- international standing as a research leader in your field.
- experience of leading innovative and creative research.
- a track record of managing and training others.

## **Where the host organisation of the lead applicant is based:**

UK, Republic of Ireland, Low- or middle-income countries (apart from India and mainland China)

## **Level of funding:**

Resources you need for your research programme

## **Duration of funding:**

Usually 8 years, but may be less for some disciplines, and longer if held on a part-time basis.

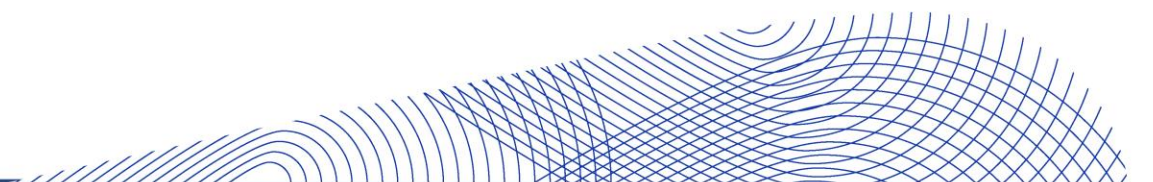


# Evaluation of the proposals, focusing on:

- the ambition and quality of the proposed research, and its potential to make significant advances in its field
- the applicant's experience, skills and potential to deliver the research
- whether the research environment is appropriate and will support and develop the applicant, and how the applicant will contribute to positive research culture

Typically, Wellcome Trust shortlist applications ranked in the upper two quartiles.

Please note, under the terms of the scheme applicant may submit a maximum of two applications related to the same project and Wellcome Trust would expect substantive changes in any resubmitted application.



# Key dates

You must submit your application by 17:00 (GMT/BST) on the deadline day.

## Early-Career Awards

Open to new applications



## Career Development Awards

Open to new applications



## Discovery Awards

Open to new applications



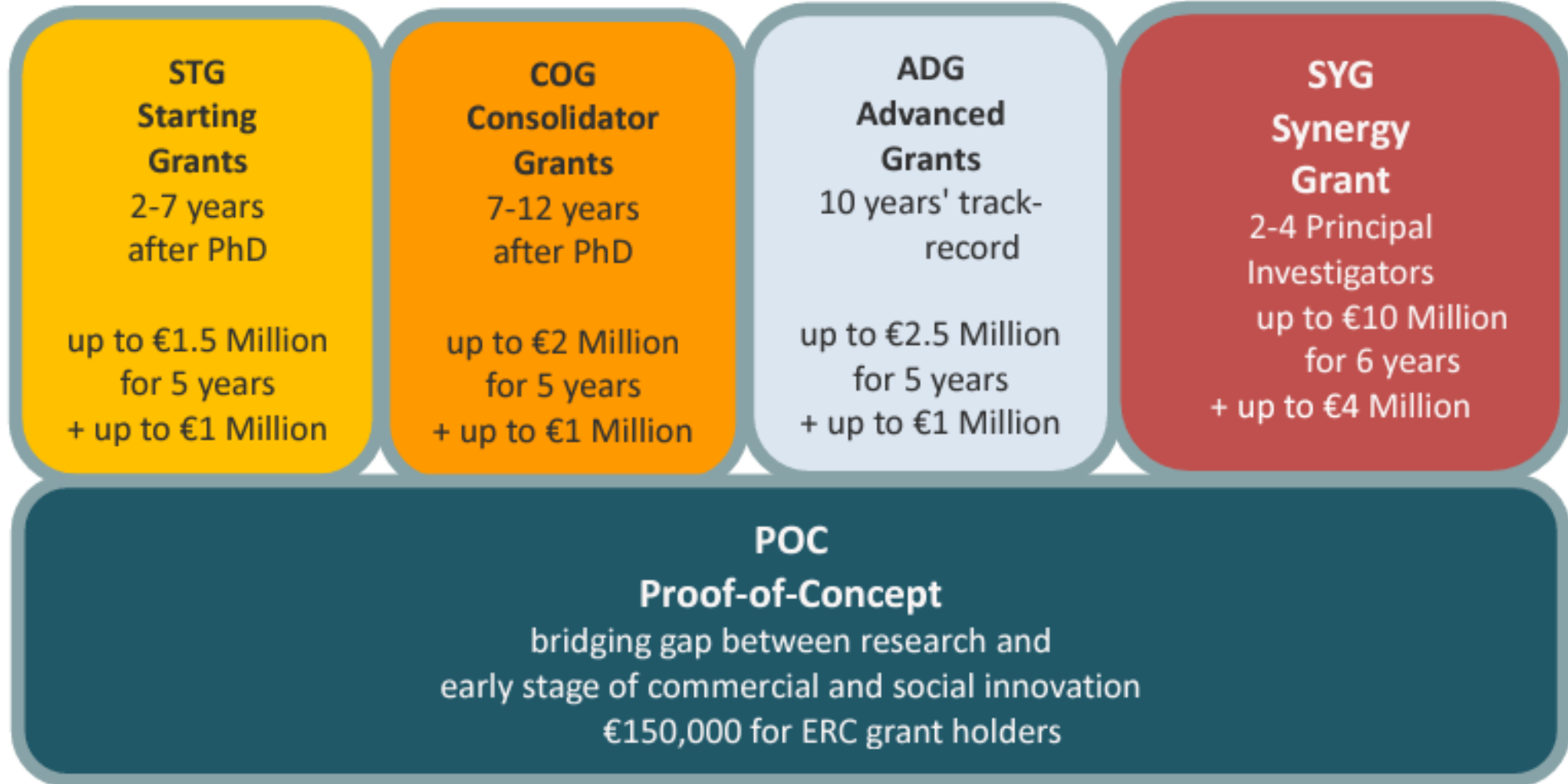




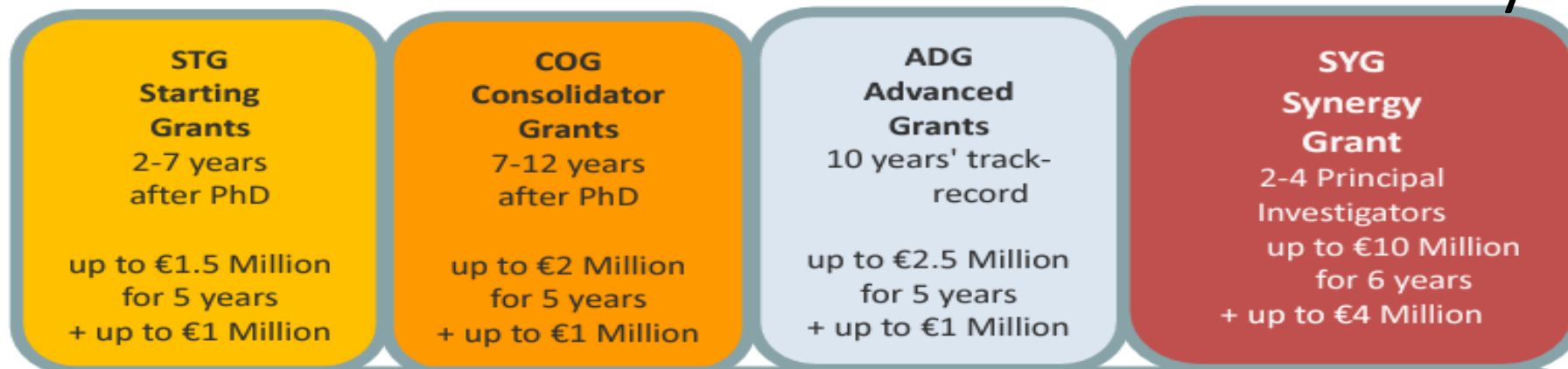
# European Research Council (ERC)

- **Horizon Europe** Framework Program funded by European Commission
- Long-term funding to support excellent investigators and their research teams to pursue groundbreaking, high-gain/high-risk research
- Any field of research
- Any age or Any career stage
- Principal Investigators must demonstrate the ground-breaking nature, ambition and feasibility of their research proposal
- Host institutions must provide appropriate conditions for the Principal Investigator to independently direct the research and manage its funding

# Types of grants



# Key dates

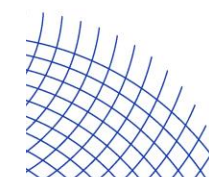


Starting Grant	Consolidator Grant	Advanced Grant	Synergy Grant
----------------	--------------------	----------------	---------------

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
------------	------------	------------	------------	------------

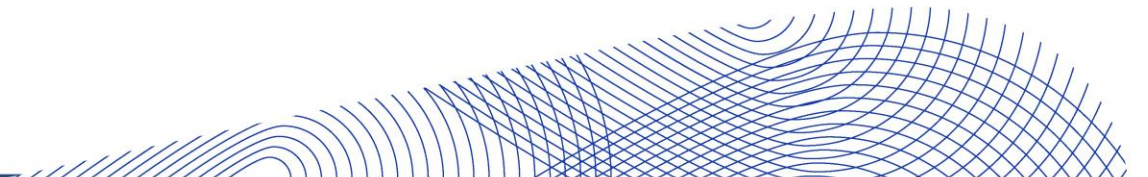
Call deadline	25/10/2022	02/02/2023	23/05/2023	08/11/2022
---------------	------------	------------	------------	------------



# Types of grants

## Starting Grant

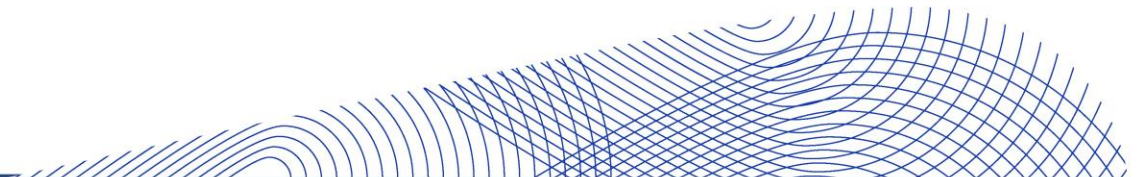
- 2-7 years of experience since completion of PhD
- Support for excellent Principal Investigators at the career stage at which they are starting their own independent research team or program.
- Budget: Up to EUR 1,500,000 for a period of 5 years + Additional funding up to EUR 1,000,000



# Types of grants

## Consolidator Grant

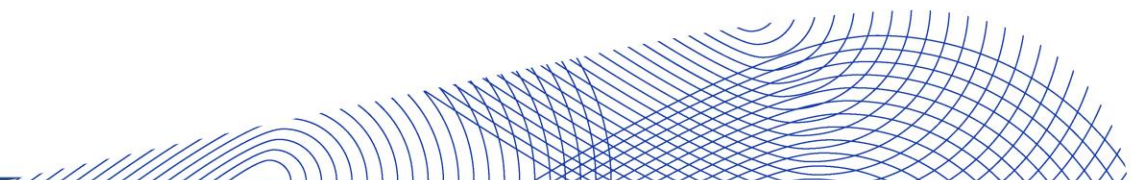
- 7-12 years of experience since completion of PhD
- Support for excellent Principal Investigators at the career stage at which they may still be consolidating their own independent research team or program.
- Budget: Up to EUR 2,000,000 for a period of 5 years + Additional funding up to EUR 1,000,000



# Types of grants

## Advanced Grant

- Principal Investigators (PI) should be active researchers who have a track-record of significant research achievements in the last 10 years.
- Support for excellent Principal Investigators at the career stage at which they are already established research leaders with a recognized track record of research achievements.
- Budget: Up to EUR 2,500 000 for a period of 5 years + Additional funding up to EUR 1,000,000





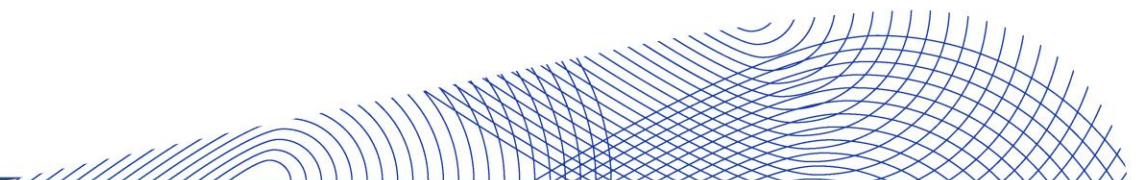
# Types of grants

## Synergy Grant

- Support for a small group of 2-4 Principal Investigators to jointly address ambitious research problems (Individual Principal Investigators and their teams working alone not allow)
- Synergy projects should enable substantial advances at the frontiers of knowledge, stemming, for example, from the cross-fertilization of scientific fields, from new productive lines of enquiry, or new methods and techniques, including unconventional approaches and investigations at the interface between established disciplines.
- The transformative research funded by Synergy Grants should have the potential of becoming a benchmark on a global scale.
- Principal Investigators must also demonstrate that their group can successfully bring together the scientific elements necessary to address the scope and complexity of the proposed research question.
- Budget: Up to EUR 10,000,000 for a period of 6 years + Additional funding up to EUR 4,000,000.

# Tips and tricks

1. Register early : Funding & tender portal  
<https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/home>
2. Familiarize with the portal
3. Download the information for Applicants
4. Talk to your grant office

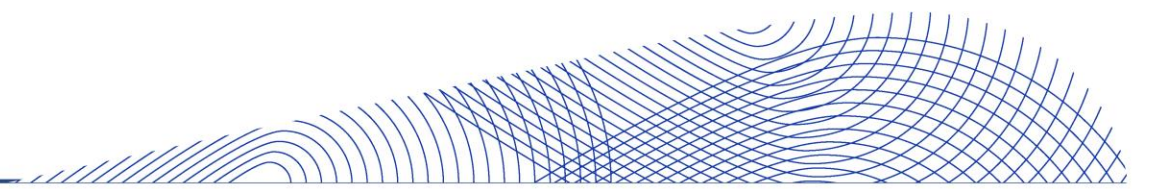


# Franco-Thai Programme

- To encourage connectively and sustainable research cooperation between France and Thailand

## 2 main Schemes of co-funding mobility support

- Junior Research Fellowship Program
- Franco-Thai Joint research program (PHC SIAM)



## Areas of Cooperation

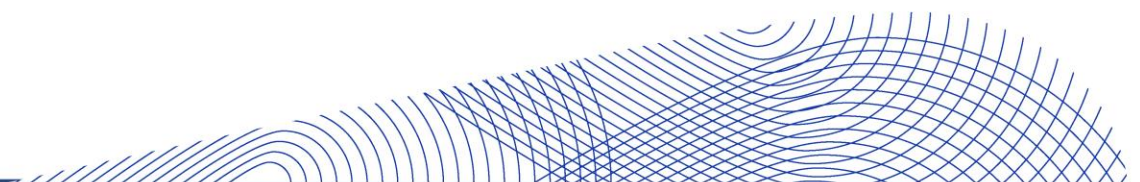
1. Mathematics
2. Physics
3. Marine, Earth, Planet Sciences
4. Chemistry
5. Biology and Health Sciences
6. Humanities
7. Social Sciences
8. Engineering Sciences
9. Information and Communication, Science and Technology
10. Agriculture, Food Science, Environment, Biodiversity

## 1. Junior Research Fellowship Program

- For Thai post doctorates who intend to spend 2 to 6 months in a laboratory in France
- Open to all fields of study
- Budget includes:
  - a round trip ticket from Thailand to France
  - a monthly living allowance of EUR 1,500
  - the OFII and visa fees
  - health insurance coverage for the duration of the stay in France

NB: Neither bench fees nor support for finding housing in France will be provided by the French Embassy.

- **Open call: August – October 2022**



## 2. Franco-Thai Joint research program (PHC SIAM)

- Collaborative research project between two teams French and Thai
- Open to all fields of study
- Project duration: 2 year
- Co-funding mobility programme (**French Embassy, Campus France, Thai MHESI and Campus Thai**)
  - **French Embassy** will support in the maximum amount of EUR 12,000/year/project (International transportation for French researchers from France to Thailand, Living allowance of Thai researchers in France and Health insurance).
  - **Thai MHESI** will provide financial with a maximum amount of THB 150,000 /year/project (travel expenses for each person is THB 50,000).
  - **French institutions** will provide facilities to conduct research activities for Thai guests.
  - **Thai institutions** (Mahidol University) will provide accommodation costs and living allowances for French guests.
- Submission procedure:
  - Thai PI must submit the proposal in English to MHESI
  - The French partner has to submit the similar version in English or French online at [www.campusfrance.org/fr/siam](http://www.campusfrance.org/fr/siam)
- Criteria include:  
quality of the project, involvement of young researchers, complementarity between both sides, long term prospective benefits etc.
- **Open call: 9 May – 29 July 2022**



**WE ARE HERE TO HELP**

# **NIH CLINIC**

**EVERY FRIDAY 8-9 AM**  
**APPOINTMENT ONLY!**

**MORE INFORMATION: CHITTIPORN.NUA@MAHIDOL.EDU**  
**MU:SURF TEAM**



<https://op.mahidol.ac.th/ra/nih-clinic/>



Mahidol University  
*Wisdom of the Land*

หน่วยสนับสนุนการขอทุนวิจัยจากแหล่งทุนต่างประเทศ

## Mahidol University: Supporting Unit for International Research Funding (MU: SURF)

Sirawan Assawamakin

sirawan.cha@mahidol.ac.th

02-8496243

Chittiporn Nunalaong

Chittiporn.nua@mahidol.ac.th

02-8496252

Varinpiphob Chayathatphommirat

varinpiphob.cha@mahidol.ac.th

02-8496252

