

# WHAT THE “GRANT” MEANS AND HOW TO DEAL WITH IT

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# Glossary

- Grant
- Grant application (Project application)
- Grant body
- PI (co-PI)
- Consortium
- Coordinator
- Letter of support (Letter of recommendation)
- Motivation letter
- Bottom-up
- Deliverables
- Impact
- Implementation
- Dissemination
- Communication
- Exploitation

# INFO BOX – CDE translated from “EC language”

**Communication:** To present project activities in general to stakeholders concerned and to the general public, including physical and online forms of presentations

**Dissemination:** To specifically disseminate project results to stakeholders concerned and to the general public, in order to allow for their exploitation and in accordance with regulations in the field of EC data protection, IPR and commercialization rights.

**Exploitation:** To specifically bring project results to the market, including both the application of results in the scientific (“science-industry relations”) and/or in the business (“industry-industry relations”) sector.

**Sustainability** is directly related to exploitation and touches upon the utilization of results beyond the project lifetime.

# Success Brings Success

Before start to apply for research grants:

- Improve your English
- Publish your research in high-impact journals
- Apply for travel grants
- Apply for summer schools, scholarships, short term stay in foreign labs
- Apply for all local grants and awards for young scientists

**For example:**

NASU (НАНУ), MES (МОН), NRFU (НФДУ), STCU (УНТЦ)

# Some links

- Travel Grants
- Summer Schools
- Research Fellowships

For example:

<http://ibro.info/>

<http://www.embo.org/>

<http://www.physoc.org/>

<http://www.febs.org/>

<http://www.eusv.eu/>

[http:// www.trialect.com/](http://www.trialect.com/)

# Find A Grant Body

- The Howard Hughes Medical Institute (HHMI)
- National Institute of Health (NIH)
- Wellcome Trust
- Juvenile Diabetes Research Foundation (JDRF)
- US Civilian and Research Foundation (CRDF)
- European Association for the Study of Diabetes (EASD)
- Science and Technology Center in Ukraine (STCU)
- National Research Foundation of Ukraine (NRFU)

# TRIALECT

- The Howard Hughes Medical Institute (HHMI), the Bill & Melinda Gates Foundation, the Wellcome Trust, and the Calouste Gulbenkian Foundation announce the International Research Scholars Program which aims to **support up to 50 outstanding early career scientists/physicians worldwide**. The program's aim is to help develop scientific talent worldwide. Awardees will receive a total of \$650,000 over five years, and they can do research in their own countries. Investigators from around the world can apply, but please review eligibility criteria. The details can be perused on [Trialect](#) at: [Worldwide Scientific Talent Grant](#)
















# Find A Grant Body: TRIALECT

**Opportunities You May Be Interested In** [Post an Opportunity](#)


Opportunity Type: (optional) Target Country: (optional) Field of Interest: (optional)


All Types All Countries  [Search](#)


### Opportunities


<b>Cerebral Palsy</b>  Sponsor: Cerebral Palsy Alliance Research Foundation Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Respirology</b>  Sponsor: Asian Pacific Society of Respirology (APSR) Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Fanconi anemia</b>  Sponsor: Fanconi Anemia Research Fund, Inc Opportunity Type: Grants and Funding <a href="#">See Preview</a>
<b>Infectious Diseases Fellowship</b>  Sponsor: University of Manitoba Opportunity Type: Fellowships / Observerships <a href="#">See Preview</a>	<b>Neuroscience Pacific</b>  Sponsor: International Brain Research Organization (IBRO) Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Neuropsychiat Genomics</b>  Sponsor: International Brain Research Organization (IBRO) Opportunity Type: Grants and Funding <a href="#">See Preview</a>
<b>Cell Biology</b>  Sponsor: R&D Systems, Inc Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Japan-Short Term Fellowship</b>  Sponsor: The Matsumae International Foundation (MIF) Opportunity Type: Fellowships / Observerships <a href="#">See Preview</a>	<b>Asthma</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>
<b>Asthma</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Acute &amp; Chronic Leukemias</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Febrile Neutropenia</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>
<b>Lymphoma</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Dyskinesia</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>	<b>Huntington's Disease</b>  Sponsor: Teva Opportunity Type: Grants and Funding <a href="#">See Preview</a>


### Featured Opportunities

**Cardiology**  
  
Sponsor: Bayer  
Opportunity Type: Grants and Funding  
[See Preview](#)

**Oncology**  
  
Sponsor: Bayer  
Opportunity Type: Grants and Funding  
[See Preview](#)

**THRIVE - Innovating translational**  
  
Sponsor: HESI  
Opportunity Type: Grants and Funding  
[See Preview](#)

**Life sciences research - Bold Ideas**  
  
Sponsor: VolkswagenStiftung  
Opportunity Type: Grants and Funding  
[See Preview](#)

**Lung Cancer in Women-Deadline**  
  
Sponsor: A Breath of Hope Lung Foundation  
Opportunity Type: Fellowships / Observerships  
[See Preview](#)



# HORIZON 2020

## 3 Pillar Structure

### Excellent Research

European  
Research  
Council (ERC)

Future & Emerging  
Technologies (FET)

Marie Skłodowska  
Curie actions

Research  
Infrastructures

### Industrial Leadership

Innovation in SMEs

Access to Risk  
Finance

Leadership in  
Enabling &  
Industrial  
Technologies

### Societal Challenges

Health, demographic change and  
wellbeing

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

Secure, clean and efficient energy

Smart, green and integrated transport

Climate action, environment, resource  
efficiency and raw materials

Inclusive, innovative and reflective  
societies

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

# Excellent Science

- The Excellent Science pillar has main four specific objectives:
- The [European Research Council \(ERC\)](#) will provide attractive and flexible funding to enable talented and creative individual researchers and their teams to pursue the most promising avenues at the frontier of science, on the basis of Union-wide competition.
- [Future and emerging technologies](#) will support collaborative research in order to extend Europe's capacity for advanced and paradigm-changing innovation. They will foster scientific collaboration across disciplines on radically new, high-risk ideas and accelerate development of the most promising emerging areas of science and technology as well as the Union-wide structuring of the corresponding scientific communities.
- [Marie Skłodowska-Curie Actions](#) will provide excellent and innovative research training as well as attractive career and knowledge-exchange opportunities through cross-border and cross-sector mobility of researchers to best prepare them to face current and future societal challenges.
- [Research infrastructure](#) (including e-infrastructures) will develop European research infrastructure for 2020 and beyond, foster their innovation potential and human capital, and complement this with the related Union policy and international cooperation.

# What type of grants does the ERC fund?

- [ERC Starting Grant](#) for young, early-career top researchers (2-7 years after PhD) -up to 1.5 million euro for a period of 5 years.
- [ERC Consolidator Grant](#) for already independent excellent researchers (7-12 years after PhD) -up to 2 million euro for a period of 5 years.
- [ERC Advanced Grant](#) for senior research leaders with significant research achievements in the last 10 years -up to 2.5 million euro for a period of 5 years.
- [ERC Proof of Concept Grants](#) for ERC grant holders who want to check the market and/or innovation potential of research results from ERC-projects -up to 150,000 euro for a period of 12 months.



# HOW TO WRITE A GRANT PROPOSAL

# Think About The Focus Of Your Research/Project

- What is the topic? Why is this topic important?
- What are the research questions that you're trying to answer?
- What are your hypotheses?
- Why is your research/project important? What is its significance?
- What are your research methods?
- Will you be undertaking experimental research? Clinical research?

# General Tips

1. Begin early.
2. Apply early and often.
3. Don't forget to include a cover letter with your application.
4. Answer all questions.
5. Give them what they want. Follow the application guidelines exactly.
6. Be explicit and specific.
7. Be realistic in designing the project. (Especially in Budget section)
8. Make explicit the connections between your research questions and objectives, your objectives and methods, your methods and results, and your results and dissemination plan.
9. Follow the application guidelines exactly (it is very, very important.)
10. If rejected, revise your proposal and apply again.

## Topic Description

[- Less](#)

### **Specific Challenge:**

The specific challenge is to enhance networking activities between the research institutions of the Widening countries and internationally-leading counterparts at EU level. Driven by the quest for excellence, research intensive institutions tend to collaborate increasingly in closed groups, producing a crowding-out effect for a large number of promising institutions. This is the challenge that a specific Twinning action will try to address.

### **Scope:**

Twinning aims at significantly strengthening a defined field of research in a university or research organisation from a Widening country by linking it with at least two internationally-leading research institutions from two different Member States or Associated Countries. Twinning will:

1. Enhance the scientific and technological capacity of the linked institutions with a principal focus on the university or research organisation from the Widening Country;
2. Help raise the research profile of the institution from the Widening country as well as the research profile of its staff.

Successful Twinning proposals will have to clearly outline the scientific strategy for stepping up and stimulating scientific excellence and innovation capacity in a defined area of research as well as the scientific quality of the partners involved in the twinning exercise. This scientific strategy should include arrangements for formulating new (or ongoing) joint research project(s) in the scientific area of choice and describe how Twinning will take this research to a new stage, by enlarging its scope and/or the research partnership. If relevant, any links with sustainable development objectives are to be outlined.

Such a strategy should include a comprehensive set of activities to be supported. These should include at least a number of the following: short term staff exchanges; expert visits and short-term on-site or virtual training; workshops; conference attendance; organisation of joint summer school type activities; dissemination and outreach activities.

A dedicated focus towards promoting the involvement of **early stage researchers** (as per the MSCA definition<sup>[1]</sup>) in the coordinating institution from the Widening country is expected. This should take the form of a dedicated work package in the proposal describing activities dedicated to early stage researchers from the coordinating institution that could include training, mentoring and networking measures within the Twinning exercise.

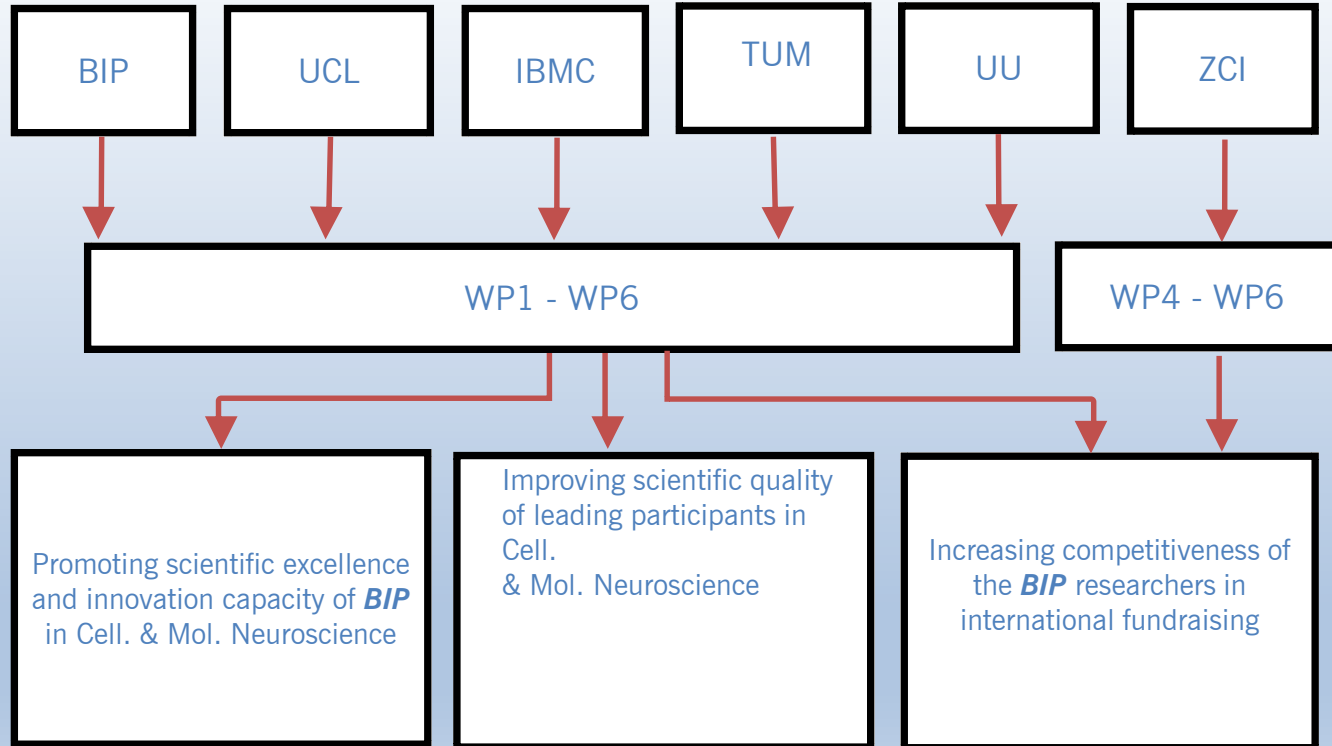
In general, costs relating to administration, networking, coordination, training, management, travel costs are acceptable under a Twinning project.

Therefore, for grants awarded under this topic and type of action the following cost categories will be ineligible costs:

- infrastructure costs;
- equipment;
- research costs (including consumables).

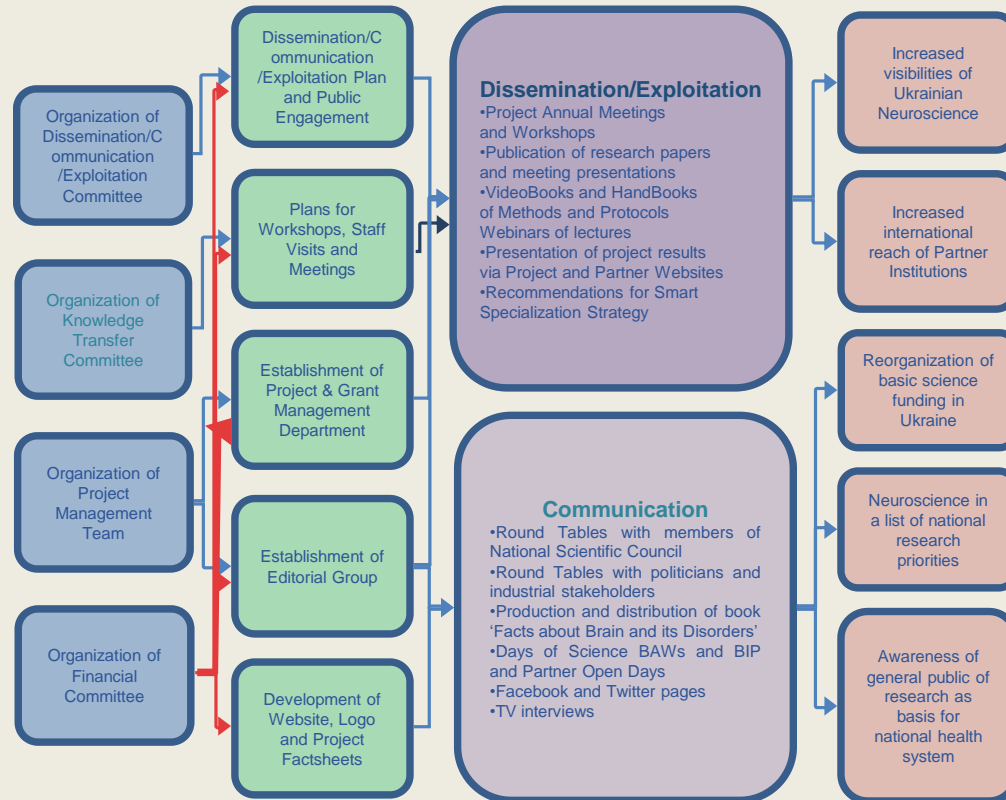
# PERT Chart

Relationship between Participants, WPs and outcomes

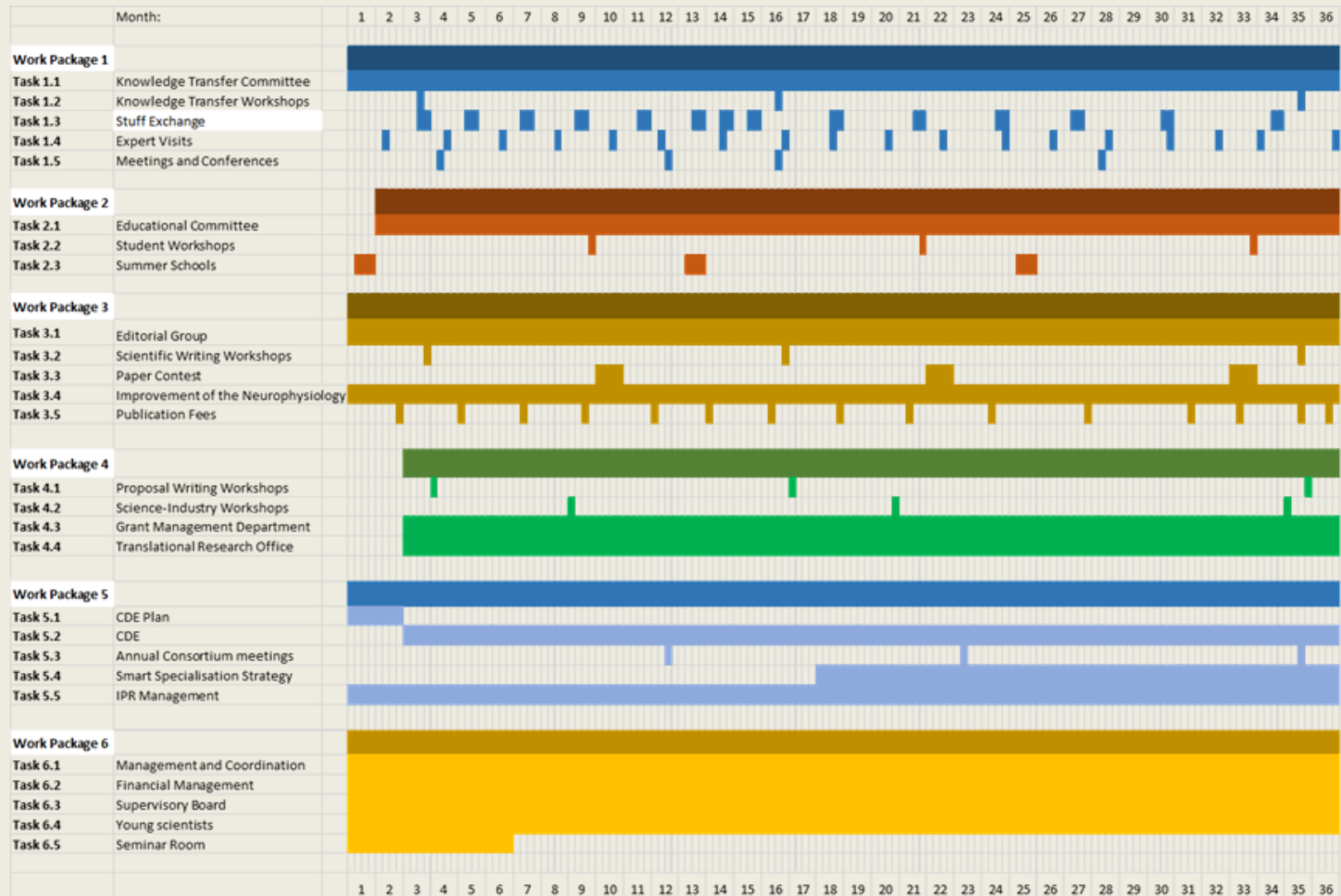




# PERT Chart



# Gantt Chart



## Strengths

1. General objectives of the proposal are clear and measurable
2. The proposed concept is clearly sound
3. Strong Consortium
4. Well defined deliverables
5. Established communication between participants
6. Gender balance.

## Weaknesses

1. Weak representation of state-of-the art scientific approaches and methodologies at BIP
2. Old scientific infrastructure facilities in Ukraine
3. Low level of international funding success rate
4. Low level of BIP innovation capacity
5. Gap in communication between BIP and major industrial stakeholders
6. Weak level of commercialization and translational implementation of advances in basic biomedical research at BIP
7. Tiny salaries for Ukrainian participants.

## SWOT analysis

## Opportunities

1. Enhancing the research capacity and excellence of the coordinating institution
2. Transfer of the state-of-the-art technologies between participants
3. IP sharing
4. Increasing level of scientific publication from BIP
5. Increasing number of jointly written and successfully submitted projects for international funding
6. Attractiveness for talented students and young researchers

## Threats

1. Aggravation of the political and economical situation in Ukraine
2. Brain drain
3. Collisions between national legislation and EU Laws

# Some links

Calls for Proposals

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html#c,calls=level3/>

New therapies for chronic diseases

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/3060-sc1-pm-09-2016.html>

MSCA Individual Fellowships

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2224-msca-if-2017.html>

Nanotechnologies for imaging cellular transplants and regenerative processes in vivo

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2404-nmbp-15-2017.html>



# THANKS



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