



Research
Council of
Lithuania



**TAIWAN – LITHUANIA COOPERATION
RESEARCH PROJECT APPLICATION**

Year 2024-2026

Title of the research project in English and national languages /Acronym

Research area of the project

1 <input type="checkbox"/> Biomedical technology	2 <input type="checkbox"/> Laser technology
<input type="checkbox"/> Genome editing tools <input type="checkbox"/> Cancer research, including diagnosis, treatment, prevention and health care	

Please leave only one indicative item

Key words

Principal Investigators:

<p>In Taiwan Title (Dr., Assoc. Prof., Prof., etc.) Name, Family name: Institution: Contact information:</p>

<p>In Lithuania Title (Dr., Assoc. Prof., Prof., etc.) Name, Family name: Institution: Contact information:</p>
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Year

/Cover Page/

1. RESEARCH PLAN

The plan should contain the following information:

1.1. Project abstract

Objective and short description of the research of the consortium (summary of research plan)(no more than 2,000 characters)

1.2. Background, research idea and expected contribution to the development of science

Describe the research idea and its novelty and ambition, justify the need for the proposed research idea and the problem to be solved; state the project's aim and objectives (it is recommended to formulate each of them in one sentence); describe the project's expected contribution to the development of science in the project's subject matter, the project's potential for a significant contribution to the development of the research field (no more than 6,000 characters)

1.3 Previous works, bibliographic references

Provide bibliographic references to cited publications, studies or other information relied on in the proposal (including the DOI if the publication has one)

1.4 Work plan, methods, and potential risks and their management

Describe the expected sequence of the research activities – provide a calendar plan of the project activities in relation to the planned budget, indicating the research methods, logical phases of the implementation, the main equipment and/or data resources available; anticipate the potential scientific and managerial/organisational risks of the project and provide a contingency plan, i.e. the alternative ways of dealing with the project's challenges, in order to ensure that it is implemented in a timely and appropriate manner (no more than 8,000 characters)

1.5 Expected scientific outputs of the project and their dissemination

Indicate the expected scientific results of the project (e. g. method, methodology, interpretation, synthesis, concept, theory, model, technology, data sets).

Provide information on how the results of the project will be published: indicate the type of publication or science work (e.g. article in a peer-reviewed journal, patent, prototype) planned; in the case of a one-off publication (e.g. monograph), give a tentative title, the planned volume, in the case of an article in a peer-reviewed journal indicate the project objective(s) for which the results of the article are planned to be published, as well as the possible title of the journal and/or the journal's subject category. Only outputs with a reference to the source of funding are eligible.

Indicate the planned means of disseminating the results of the project to the scientific community: in the case of presentations at conferences or other scientific events, justify the relevance of the event to the aim of the project and indicate the level of the event (national, international), as well as the organiser of the event (no more than 5,000 characters)

1.6 The expected impact of the project's scientific results and their presentation to the general public

Describe the expected value and benefits of the project's results for society in the long and short term, and whether the project has the potential to generate results that can be used to take concrete decisions that will have a positive impact on the social, economic or cultural development of society and ensure sustainable development.

Indicate how the results obtained during the project will be disseminated to the general public and what dissemination means are planned (e. g. publications of science popularisation, science popularisation events, communication on social media), indicating the target groups (no more than 5,000 characters)

1.7 Information on data accumulation, materials, and management

Identify if the project implementation will require the accumulation of data (please select one answer) YES or NO

If YES, please provide for each of these questions a data management plan to ensure that data are collected and managed in accordance with the FAIR principles – that the data from the research are findable, accessible, interoperable and reusable:

1. What data will you collect or create? What type, format and volume of data?

(no more than 1,000 characters)

2. How will the data be stored and backed up during the project: where will the data be stored, how will the data be recovered in the event of an incident, will the data be backed up?

(no more than 1,000 characters)

3. How will you manage the security of the data collected? What are the risks to data security and how will these be managed?

(no more than 1,000 characters)

4. Which data are of long-term value and should be preserved? What data must be destroyed for contractual, legal, or regulatory purposes?

(no more than 1,000 characters)

5. How will you ensure the availability of the data with other researchers during and after the project implementation: when will you make the data available, with whom will you share the data, and under what conditions?

(no more than 1,000 characters)

6. Who will be responsible for data handling and management during and after the project?

(no more than 1,000 characters)

1.8 Scientific competence and experience of the principal investigators:

Scientific achievements and experience:

Indicate the principal investigators' experiences and works in the project's subject matter and/or the project's research fields, listing all performed research, dissemination and projects (if any) that the principal investigators have carried out within the last five years or those are currently carrying out, indicating the titles of the projects, the timing of their implementations, and the sources of funding (no more than 8,000 characters)

Significance of publications:

Describe the importance of the publications listed in the CVs (section APPENDICES) to the advancement of research on the project's subject matter (no more than 2,000 characters)

Scientific recognition and other existing experience:

Describe the principal investigators applied and (or) expert activities, experiences in training young researchers, involvement in the formulation of science policy on the subject matter of the project and in the provision of science-based advice to the public sector, and awards received for scientific activities, etc. (no more than 4,000 characters)

1.9 Justification for the composition of the project implementers' group

Justify the suitability and optimality of the composition of the whole group of project implementers (including the principal investigators) for the implementation of the project; indicate how each implementer will contribute to the specific objectives and activities; describe the capabilities of each implementer when it comes to carrying out said objectives and activities (no more than 8,000 characters)

Justification of involving young researchers (who is within a time span of up to 7 years from the date he/she obtained PhD/doctorate; this period can be extended for any career break(s) for example parental leave, long term illness, clinical qualification, or national service) in project implementation:

Justify the appropriateness of the involvement of young researchers in the implementation of the project: the tasks to be carried out by them and their integration in the project activities, as well as describe their opportunities for learning in the project activities, for enhancing their competences through participation in scientific activities, short-term exchange visits, etc. (no more than 4,000 characters); in the case of young researchers not planned to be involved in the implementation of the project, please explain why.

Added value from bilateral Lithuanian-Taiwanese collaboration and additional partners (if relevant), interaction between implementing institutions:

Explain how the implementing partners complement each other, by describing their expected contributions to achieve the project's objectives (maximum 3,000 characters).

1.10 Ethical issues related to project activities

Please answer YES or NO

1. Is the intended research related to human embryonic (embryonic stem cell or tissue) research?

2. Is the intended research related to human cell or tissue (other than embryonic stem cell or tissue), or human genetics research?
3. Is the intended research related to animal testing or the use of animals for research?
4. Does the intended research plan human research using clinical trials or other intervention methods (e.g., sampling, monitoring (recording) of physiological functions, social experiments, psychological interventions)?
5. Is the intended research related to tracking and observing humans under natural, non-experimental conditions when individuals are not informed about the research being performed?
6. Will the intended research address socially vulnerable people (e.g., minors, prisoners, those with a physical or mental illness, victims of abuse)?
7. Will the intended research address sensitive topics that may cause psychological harm (e.g., psychological trauma, painful emotional reactions, memories of the research participant)?
8. Will the intended research collect and store confidential personal data (e.g., related to ethnic origin, religious, philosophical, political and other beliefs, health status), the disclosure of which could damage the reputation of the participants, their relatives or other people?
9. Is the intended research related to aspects that you consider to be ethically important other than those mentioned above? (If YES, name and explain them below)

If any question is answered with YES, it is necessary to explain every single aspect of the research related to an ethical issue and ways to solve this issue (the provision that it is planned to address institutional or professional ethics committee will not be considered sufficient); indicate whether permits by authorised institutions, informed consents or other documents related to the ethics of research are needed during the implementation of the project including request for certificate from respective national ethics authority (e.g. IRB (Institutional Review Board) in Taiwan). Please attach the copies of such permits and consents in the section APPENDICES or explain how and when they will be obtained. (no more than 4,000 characters)

1.11 Intellectual property (IP), if applicable:

Scientists are encouraged to take all reasonable steps in order to protect the intellectual and scientific property raised in the frame of the project and the possible transfer of new technology to other parties. Provide description information on the management of envisaged IP. (no more than 4,000 characters)

1.12 Other aspects, if applicable:

Other issues which are important to this project. (no more than 4,000 characters)

2. FINANCIAL PLAN

2.1. Budget request

Funding should be planned of up to EUR 100,000/TWD 3,400,000 per year per national research team.

Indicate the costs of the project by type of expenditure (in table form).

Estimated costs for 20..-20...(up to 2 years) _____EUR;

Costs for 2024-2026 year	Lithuanian research team	Taiwanese research team
Personnel (including social insurance and other contributions)		
Equipment		
Consumables, travel, and other costs		
<i>Indirect costs</i>	<i>(up to 20 % of the project direct cost)</i>	15% 管理費

TOTAL (EUR)		
Budgets from other sources (if relevant)		

2.2. Financing requested (or received) for this project (for the implementation of scientific research) from other sources (please specify the source and the financing to be received). **Recommendations provided by organisations and companies concerned, which guarantee partial financing for the project and further joint use of the intellectual property in question in the area of production** (please attach *a Letter of Intent or Confirmation* and other affirmation, if available, e. g. agreements, contracts, guarantee letters etc.)

3. APPENDICES:

CVs including list of up to 10 major publications of principal investigators and other key project implementers from Lithuanian and Taiwanese teams (for every CV up to 2 pages)

Ethical approval certificate, if applicable