檔　號：113/080502/1/
保存年限：15年

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便簽 日期：113年1月12日
單位：研究發展處
速別：普通件
密等及解密條件或保密期限：

一、文陳閱後，公告於電子公布欄、本組、本處及本校最新消息，並e-mail副知全校教師知照。

二、計畫主持人請於校內申請截止日113年3月27日上午10:00前於國科會系統完成線上申請作業，並立即填送「國立中興大學申請國科會研究計畫計畫主持人學術倫理聲明書」至申請單位(系、所、中心)。

三、申請單位請於校內申請截後立即至國科會系統確認申請案並列印「申請名冊(樣張)」，於113年3月28日上午10:00將申請名冊及「國立中興大學申請國科會研究計畫申請單位切結書」各1份經單位主管核章後送至研發處計畫業務組，逾期恕不受理。

四、提醒申請者於提出計畫申請案前，務必確認或更新個人資料（職稱請以人事室核發之正式職稱為準）。

五、計畫主持人若無法於校內申請截止日前完成申請程序，務必提前來電告知本組，避免影響個人權益。

六、文存。

國立中興大學
研究發展處 1130000973

會辦單位：

第二層決行		
承辦單位	會辦單位	決行
行政組員 張明芬 0112 1408		
副教授兼組長 江信毅 0113 2115		
		代為決行 教授兼研究發展長 宋振銘 0113 2116

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檔　　號：
保存年限：

國家科學及技術委員會　函

機關地址：台北市和平東路2段106號
聯絡人：莊惟鈞　科員
電話：02-2737-7559
傳真：02-2737-7607
電子信箱：wjchuang@nstc.gov.tw

受文者：國立中興大學

發文日期：中華民國113年1月12日
發文字號：科會科字第1130003899號
速別：普通件
密等及解密條件或保密期限：
附件：如文(附件1 113U0P000118_113D2000824-01.pdf、附件2 113U0P000118_113D2000825-01.odt)

主旨：本會與立陶宛國家研究委員會（LMT）共同徵求2024-2026年雙邊協議國際合作研究計畫（2年期），本（2024）年1月22日起至3月29日受理計畫申請書，逾期不予受理，請查照轉知。

說明：

一、本案臺立雙邊計畫主持人應分別依本會與立陶宛國家研究委員會之規定辦理；補助經費項目及規定，請參閱申請須知（如附件）。

二、旨揭研究計畫執行期程自本年10月1日至2026年9月30日止，雙方共同研究計畫之執行期間須相同。

三、本徵求案資訊同步公告於本會網站/動態資訊/計畫徵求專區。

四、本案聯絡人：

(一)計畫內容詢問，請洽本會科教發展及國際合作處，莊惟鈞科員，電話：（02）2737-7559。助理：陳嘉苓小姐，電話：（02）2737-7429。

(二)線上作業系統操作問題，請洽本會資訊系統服務專線，電話：0800-212-058，（02）2737-7590、7591、7592。

正本：專題研究計畫受補助單位 （共301單位）
副本：駐立陶宛代表處科技組 113/01/12 12:36:43

主任委員吳政忠

裝

訂

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Research Council of Lithuania (LMT), Lithuania

National Science and Technology Council (NSTC), Taiwan

2024 年臺立(NSTC-LMT)雷射科技與生醫科技學術合作研究計畫
NSTC-RCL Joint Research Program on Laser and Biotechnology
申請須知

2024/01/11

為推動臺灣與立陶宛科學技術交流，國科會與立陶宛國家研究委員會(Research Council of Lithuania, LMT)於 2023 年 9 月 22 日完成簽署雙邊科技合作瞭解備忘錄(MOU)。由國科會(NSTC)與立陶宛國家研究委員會(LMT)共同公開徵求 2024-2026 年臺立(NSTC-LMT)雷射科技與生醫科技學術合作研究計畫(Joint Research Projects)

本項徵件案之重點說明如下：

一、計畫主持人及共同主持人資格與限制：

(一) 臺方：須符合本會專題研究計畫主持人資格，每一計畫主持人對本項徵件案僅限研提 1 件計畫。

(二) 立方：計畫主持人須符合立方(LMT)計畫主持人資格。

二、合作領域：

(一) 雷射科技

(二) 生醫科技：

1. Genome editing tools
2. Cancer research, including diagnosis, treatment, prevention and health care

三、補助計畫類型：

雙邊協議專案型國際合作研究計畫(Joint Call)，雙方組成合作研究團隊，共同合作進行本項研究計畫，任一方未收到申請書，合作案無法成立。

四、計畫期程：

(一) 獲雙邊選定通過之計畫自 2024 年 10 月 1 日起開始執行，與立方共同研究計畫之執行期間相同。

(二) 計畫期程 2 年。

五、補助經費：

(一) 經臺立雙方共同討論後選定補助計畫，並分別予以補助。

(二) 計畫補助額度：本專案將擇優補助選定之計畫，每年每件以不超過新臺幣 340 萬元(10 萬歐元)為原則。

(三) 臺立雙方各自負擔合作計畫所需之研究經費，包括業務費（含研究人力費及物品耗材費）、研究設備費、國外差旅費及管理費等。

(四) 與研究計畫相關之小型研討會、互訪以及鼓勵學者或學生至立陶宛移地研究，所需經費得於計畫內提出。

(五) 臺方計畫主持人於計畫執行期間僅得支領 1 份研究主持費，同一執行期限若同時執行 2 件以上，以最高額度計算。

六、計畫收件及審查時程：

(一) 計畫受理截止日期：2024 年 3 月 29 日(週五)止，申請機構須於截止期限前由本會專題計畫系統彙整送出，並依第七點(三)之規定函送本會。

(二) 公告核定日期：**2024 年 9 月底前**。若因不可抗力因素、協議機構審查時間或雙邊年會時程延後等，本會得視情形調整公布審查結果時間。

七、申請方式：

（一）每件申請案須由臺灣及立陶宛各 1 位主持人共同研議計畫內容，英文計畫名稱必須相同，申請件數每人以 1 件為限。

（二）本項徵件為雷射科技與生醫科技領域合作計畫，請依循本會專題研究計畫之申請程序，於線上系統填列計畫申請書。部份重點包括：

1. 至本會網站(https://www.nstc.gov.tw/)首頁「學術研發服務網登入」處，身分選擇「研究人員(含學生)」，輸入計畫主持人之帳號(ID)及密碼(Password)後進入。
2. 在「學術研發服務網」之學術獎補助申辦及查詢內之【專題計畫】工作頁下第一項【專題研究計畫】點入後，選擇【雙邊協議專案型國際合作計畫(Joint Call)】進入個人基本資料畫面，若無修改，確定後即進入本系統之「主畫面」，從主畫面視窗上左上方點選新增，即可新增一筆。
3. 研究型別「個別型」，臺立雙方共同將計畫內容填寫於本案之 CM03 後上傳；臺方研究人員經費依規定於國科會系統上填報，並將內容彙整成乙份計畫書，再由主持人之服務機關向國科會提出申請。
4. 「計畫歸屬」請依計畫研究主題及所屬學門勾選對應之學術處（請勿直接勾選「科教國合處」）。
5. 中文計畫書名稱，請以【臺立雙邊合作計畫-】為首，續寫研究計畫名稱。
6. 應填列一般專題研究計畫申請所需之各項 CM 表及學術處專屬表格，中英文不限。
7. 【CM01】申請表內【本計畫是否有另外申請國際合作研究】欄位應勾選【是】；基本資料表 CM01 之計畫名稱，請修正為本項國際合作研究計畫名稱(須與 IM01

一致)。除一般專題計畫申請所需之各項 CM 表及相關學術處規定文件，亦應填具【IM01】、【IM02】、【IM03】、【IM04】國際合作計畫表。

8. 【IM01】表之「合作國家」請選「與單一國家合作」，「國別」請選填【398-立陶宛】。「國外合作計畫經費來源」為本會雙/多邊協議機構，並勾選【立陶宛國家研究委會(LMT)】
9. 【IM02】為國際合作研究計畫摘要說明，應提供國際合作計畫書(得補充我方的計畫書內容)。
10. 表 IM03 表為國際合作研究計畫相關資料。
11. 【IM04】表屬國際合作研究計畫其他相關附件上傳功能鍵，請將本項申請案之(1)共用英文申請表:「NSTC-LMT Joint Research Program on Laser and Biotechnology APPLICATION FORM」、(2)立方計畫主持人英文履歷及著作目錄等資料依序合併為單一 PDF 檔案後上傳至系統，未上傳者視為申請資料不全。

（三）計畫申請案須經主持人任職機構於系統中彙整後送出，依本會「專題計畫線上申請彙整」作業系統製作及列印申請名冊（由系統自動產生，並按計畫歸屬處別列印）一式二份，於截止日期前函送本會。(以發文日期為準)。

八、注意事項：

(一) 本項共同研究計畫須經本會與立方(LMT) 雙方獨立審查後，再共同審議選定補助計畫，故不受理申覆。

(二) 具以下情況的之申請案恕不受理：

1. 立方計畫主持人資格未符 LMT 之規定；
2. 立方計畫主持人未依 LMT 規定提出計畫；
3. 申請日期超過公告截止日期；
4. 申請資料不全；
5. 未依本會專題研究計畫作業要點規定及本申請須知所述方式提出。

(三) 本案通過之計畫可不受本會一般專題計畫補助件數之限制，惟計畫主持人同年度執行此類「雙邊協議專案型國際合作計畫(Joint Call)」及「雙邊協議擴充加值(add-on)國際合作計畫」合計仍以 2 件為限。倘計畫主持人申請時已執行 2 件此類計畫(指計畫執行期限內與本次徵求案預定執行期間重疊達 3 個月以上)者，不得再提出本項計畫申請；若計畫於受理審查過程中，主持人另執行此類計畫達 2 件時，本會將不再核予此第 3 件。

(四) 計畫核定後之經費撥付、報銷與報告繳交作業，均依本會補助專題研究計畫作業要點等相關規定辦理。

(五) 雙方計畫主持人應於每年計畫執行期限結束前(後)提供期中(期末)報告，並據以評估每項計畫之合作成效，評估結果將作為計畫繼續或終止補助、補助經費調整，以及計畫調整之依據。

(六) 雙方計畫主持人於規劃合作時，應先議定未來雙方智慧財產權與成果之歸屬、管

理及運用方式，必要時可共同簽訂相關計畫合約書。

(七) 年度所需經費如未獲立法院審議通過或經部分刪減，本會得依審議結果調減補助經費，並按預算法第五十四條規定辦理。

九、承辦人聯繫資料：

臺方：

國科會 科教發展及國際合作處 莊惟鈞科員
電話：+886-2-2737-7559
Email: wjchuang@nstc.gov.tw

助理 陳嘉苓
電話：+886-2-2737-7429
Email: t0929360383@nstc.gov.tw

立方：

LMT (Research Council of Lithuania)
Kornelija Bacvinkienė
Phone: +370 676 14 629
Email: kornelija.bacvinkiene@lmt.lt
Research Council of Lithuania
Gedimino pr. 3,
LT01103 Vilnius, Lithuania
Tel. +370 676 14 629

Research Council of Lithuania

NSTC 國家科學及技術委員會
National Science and Technology Council

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 ☐ Biomedical technology
☐ Genome editing tools
☐ Cancer research, including diagnosis, treatment, prevention and health care

2 ☐ Laser technology

Please leave only one indicative item

Key words

Principal Investigators:

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

In Lithuania
Title (Dr., Assoc. Prof., Prof., etc.)
Name, Family name:
Institution:
Contact information:

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		
Indirect costs	*(up to 20 % of the project direct cost)*	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