

*Excellent Translational Medicine Research Projects  
of  
National Taiwan University College of Medicine and National Taiwan  
University Hospital*

Title of Proposal (Chinese)

Title of Proposal (English)

Project Period: January 1, 2025 ~ December 31, 2027

Participating Departments/Institutions:

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

Date:

## Table of Contents

|   |    |
|---|----|
| □ I. General Information .....                                    | 1  |
| □ II. List of Main and Sub-Projects (Chinese and English).....    | 2  |
| □ III. Requested Budget for Main Project and Sub-projects .....   | 3  |
| □ IV. Requested Budget for the Entire Term of Project Period..... | 4  |
| □ V. Key Professional Personnel for the Project .....             | 5  |
| □ VI. Personnel Costs.....  | 6  |
| □ VII. Consumable & Miscellaneous Expenses.....                   | 7  |
| □ VIII. Equipment Expense .....                                   | 8  |
| □ IX. Keywords and Abstracts (Chinese and English) .....          | 9  |
| □ X. Content of Research Proposal.....                            | 10 |
| □ XI. Recent Research Projects and Submitted Proposals .....      | 11 |
| □ XII. Anticipated Research Achievement.....                      | 12 |
| □ XIII. Research Achievement .....                                | 13 |
| □ Appendix .....  | 14 |
| □ Curriculum Vitae .....  | 15 |

### *Remarks:*

- 1. Use Times New Roman font, 12-point type, and single-spacing.*
- 2. The research proposal and the CV. (of participating PIs, co-PIs and postdoctoral research fellows) should be stapled separately.*

# I. General Information

## Research Proposal Team of Excellent Translational Medicine Research Program

(This form is for main project and all sub-projects)

Application

Number:

|   |   |                     |          |  |
|---|---|---------------------|----------|--|
| Title of Main-project   |   | English and Chinese |          |  |
| Title of Sub-project  |   | English and Chinese |          |  |
| Name of Principal(Chief) Investigator*  | English   |                     | Position |  |
|   | Chinese   |                     |          |  |
| Institution/Department  |   |                     |          |  |
| Project Period  |   | 2025.01 – 2027.12   |          |  |
| Does this research project involve the following? (Check and attach relevant consent forms, if applicable.)<br><input type="checkbox"/> Human Studies <input type="checkbox"/> Gene Modification <input type="checkbox"/> Animal Studies  |   |                     |          |  |
| Corresponding Person  | Name: _____ (Chinese) _____ (English)                 |                     |          |  |
|   | Mailing Address in Chinese: _____                     |                     |          |  |
|   | Telephone: (Office) _____ (Home) _____ (Mobile) _____ |                     |          |  |
|   | Fax: _____ E-mail: _____                              |                     |          |  |
| <p>Principal Investigators' Affidavit:</p> <p>Any recent research projects and submitted proposals are listed in Form A14. I am aware that any withholding, falsification, or misrepresentation of information could result in administrative actions such as the dismissal of an application or the suspension and/or termination of an award, as well as other possible punitive actions.</p> <p><b>Signatures --</b> Principal(Chief)Investigator: _____ Date: _____</p> |   |                     |          |  |

\*Chief investigator is defined as the principal investigator of the main project.

Form A01

## II. List of Main and Sub-Projects (Chinese and English)

(This form is for main project only)

| Categories    |                | Research Project Title | Principal Investigator | Institution/ Department | Job Position |
|---------------|----------------|------------------------|------------------------|-------------------------|--------------|
| Main Project  | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
| Sub-project 1 | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
| Sub-project 2 | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
| Sub-project 3 | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
| Sub-project 4 | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
| Sub-project 5 | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |
|               | <i>English</i> |                        |                        |                         |              |
|               | <i>Chinese</i> |                        |                        |                         |              |

Form A02

### III. Requested Budget for Main Project and Sub-projects

(This form is for main project only)

Unit: NTD1,000

| Budget<br>Year<br>Categories | Year         | Salaries<br>&<br>Wages | Consumables<br>&<br>Miscellaneous | Equipment | Total |
|------------------------------|--------------|------------------------|-----------------------------------|-----------|-------|
|                              | Main Project | 1                      |                                   |           |       |
| 2                            |              |                        |                                   |           |       |
| 3                            |              |                        |                                   |           |       |
| Sub-project 1                | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
| Sub-project 2                | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
| Sub-project 3                | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
| Sub-project 4                | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
| Sub-project 5                | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
|                              | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |
| Total                        | 1            |                        |                                   |           |       |
|                              | 2            |                        |                                   |           |       |
|                              | 3            |                        |                                   |           |       |

## IV. Requested Budget for the Entire Term of Project Period

(This form is for main project and all sub-projects)

Salaries and wages include salaries for full-time assistants, part-time research assistants, temporary staff, postdoctoral research fellows, and visiting personnel.

Unit: NTD 1,000

| Project Year<br>Budget Categories  | 1 <sup>st</sup> Year<br>(2024) | 2 <sup>nd</sup> Year<br>(2025)               | 3 <sup>rd</sup> Year<br>(2026) | Total<br>for Entire<br>Term of Project<br>Period |
|--|--------------------------------|--|--------------------------------|--|
| <b>General Expense</b>   |                                |  |                                |  |
| Salaries & Wages   |                                |  |                                |  |
| Consumables & Miscellaneous  |                                |  |                                |  |
| <b>Equipment</b>   |                                |  |                                |  |
| <b>Total for Each Year</b>   | <b>NTD</b>                     | <b>NTD</b>                                   | <b>NTD</b>                     | <b>NTD</b>                                       |
| Indicate matching fund or any kinds of support from the participating institutions or other funding agencies (including industrial support) for this project. Leave space blank if not applicable. |                                |  |                                |  |
| Supporting Institution 1<br>(including participating institutions and other funding agencies)  | Amount of Funding              | Items Funded<br>(personnel, equipment, etc.) | Funding Period                 |  |
|  |                                |  |                                |  |
| Signature of the administrator of supporting institution 1: _____<br>(Or attach other evidence of support)   |                                |  |                                |  |
| Supporting Institution 2<br>(including participating institutions and other funding agencies)  | Amount of Funding              | Items Funded<br>(personnel, equipment, etc.) | Funding Period                 |  |
|  |                                |  |                                |  |
| Signature of the administrator of supporting institution 2: _____<br>(Or attach other evidence of support)   |                                |  |                                |  |

Form A04

## V. Key Professional Personnel for the Project

(This form is for the main project and all sub-projects)

1. Indicate staff type in the following order: chief investigator, principal investigator (PI), collaborating principal investigator (co-PI), assistant investigator<sup>#</sup>, postdoctoral research fellow, consultant, and visiting personnel.
2. Fill in name, institution/department, position, and role in project.

| Project No. | Staff Type | Name<br>(in Chinese and English) | Institution/<br>Department | Position | Role in Project |
|-------------|------------|----------------------------------|----------------------------|----------|-----------------|
|             |            |                                  |                            |          |                 |
|             |            |                                  |                            |          |                 |
|             |            |                                  |                            |          |                 |
|             |            |                                  |                            |          |                 |
|             |            |                                  |                            |          |                 |
|             |            |                                  |                            |          |                 |

<sup>#</sup> Assistant investigator is defined as a researcher assisting in this project and not receiving a stipend.

All personnel (excluding postdoctoral research fellow, consultant, and visiting personnel) listed in the above table are required to give signatures in the box below. (Can be in separate pages)

I am well informed and fully aware the role I play in this project which is described in the above table.

**Signature and Date :**

3. If requesting funds for postdoctoral research fellows or visiting personnel, indicate the following for each year of the project:
  - (1) Field(s) of specialization
  - (2) Research work
  - (3) Impact on research project
  - (4) Standards of performance evaluation
  - (5) If a candidate of postdoctoral research fellow has already been selected, provide candidate's name and attach his/her curriculum vitae (Form A15).

## VI. Personnel Costs

(This form is for main project and all sub-projects)

Indicate the number and budget of full-time assistants (already holding master's, bachelor's, technical college, or high school degrees), part-time research assistants (including Ph.D. students, master's students, undergraduate students, lecturers, and teaching assistants), postdoctoral research fellows, and visiting personnel for each year and the entire term of project period.

Unit: NTD 1,000

| Budget                        |                   | Number | Project Year | 1 <sup>st</sup> Year | 2 <sup>nd</sup> Year | 3 <sup>rd</sup> Year | Total |
|-------------------------------|-------------------|--------|--------------|----------------------|----------------------|----------------------|-------|
|                               |                   |        |              | Type/Rank            |                      |                      |       |
| Full-time Assistants          | Number of Persons |        |              |                      |                      |                      |       |
|                               | Budget            |        |              |                      |                      |                      |       |
| Part-time Research Assistants | Number of Persons |        |              |                      |                      |                      |       |
|                               | Budget            |        |              |                      |                      |                      |       |
| Postdoctoral Research Fellows | Number of Persons |        |              |                      |                      |                      |       |
|                               | Budget            |        |              |                      |                      |                      |       |
| Visiting Personnel            | Number of Persons |        |              |                      |                      |                      |       |
|                               | Budget            |        |              |                      |                      |                      |       |
| Total for Each Year           | Number of Persons |        |              |                      |                      |                      |       |
|                               | Budget            |        |              |                      |                      |                      |       |

Indicate support from the participating institutions or other funding agencies (including industrial support) in the following column. Leave space blank if not applicable.

Unit: Number of Persons

| Project Year                  |  | Number | 1 <sup>st</sup> Year | 2 <sup>nd</sup> Year | 3 <sup>rd</sup> Year | Total |
|-------------------------------|--|--------|----------------------|----------------------|----------------------|-------|
|                               |  |        | Type/Rank            |                      |                      |       |
| Full-time Assistants          |  |        |                      |                      |                      |       |
| Part-time Research Assistants |  |        |                      |                      |                      |       |
| Postdoctoral Research Fellows |  |        |                      |                      |                      |       |
| Visiting Personnel            |  |        |                      |                      |                      |       |
| Total for Each Year           |  |        |                      |                      |                      |       |

Form A06

## VII. Consumable & Miscellaneous Expenses

(This form is for main project and all sub-projects)

1. Fill in this form with all other necessary expenses directly related to this research proposal, including the expenses for consumable equipment, chemicals, computer time, network usage fee, surveys, instrument installation/ insurance/delivery, instrument maintenance, printing, photocopy, stationery, postage, communications information retrieval, domestic travel, registration for domestic conferences (excluding membership fees or annual dues), accident insurance, publications (for related research results only), consultation fees, honoraria, instrument or computer hardware rental, complimentary gifts or meals for experiment subjects and review fees for human studies, advanced instrumentation usage fee, core facilities usage fee.
2. Under "item," categorize as either consumables or miscellaneous.
3. Under "Justification," provide description of product specifications, functions, and other relevant information.
4. If the participating institution provides support or funding, indicate the amount in "remarks" column.
5. Complete the table with separate pages for each year.

Project Period: \_\_\_\_\_

Unit: NTD 1,000

| Item  | Justification | Unit<br>("Piece," "Batch",<br>"Box," etc.) | Quantity | Unit<br>Price | Amount | Remarks |
|-------|---------------|--|----------|---------------|--------|---------|
|       |               |  |          |               |        |         |
| Total |               |  |          |               |        |         |

Form A07

## VIII. Equipment Expense

(This form is for main project and all sub-projects)

1. Under “type,” indicate whether the item is instrument, machine and computer equipment (including computer facility, network system, peripheral device, software package, programming fee), or book.
2. Under “equipment,” indicate the names of the instrument, machine and compute equipment, or book.
3. Under “Justification” provide detailed information of the specifications and functions of said equipment.
4. If participating institutions or other funding agencies provide funding for equipment, indicate the names of funding agencies and the amount provided.
5. For each piece of equipment costing more than NTD600,000, provide detailed information of specifications and functions (including sensitivity, accuracy, etc.), important features, and significance for this project. If funds for such equipment are granted, the PI should maintain it and allow other researchers outside the research group of this research project to make full use of it, provided that such use does not interrupt the research work described in this proposal.
6. Complete the table with separate pages for each year.

Project Period: \_\_\_\_\_

Unit: NTD 1,000

| Type  | Equipment Item<br>(English/Chinese) | Justification | Quantity | Unit<br>Price | Amount | Funds requested from: |                      |
|-------|-------------------------------------|---------------|----------|---------------|--------|-----------------------|----------------------|
|       |                                     |               |          |               |        | NTU                   | Other<br>Institution |
|       |                                     |               |          |               |        |                       |                      |
| Total |                                     |               |          |               |        |                       |                      |

## **IX. Keywords and Abstracts (Chinese and English)**

(The form is for the main project and all sub-projects. The abstracts of all sub-projects should be included into one page.)

List 5 keywords and summarize main points of this research proposal.

1. Abstract in Chinese (maximum 500 characters)
2. Abstract in English (maximum 500 words)

## **X. Content of Research Proposal**

(This form is for the main project and all sub-projects)

Page limit for the content of the research proposal: 10 pages. The content of all sub-projects should be included in these 10 pages.

1. Summarize achievements and/or progress of the past five years directly related to this research proposal.
2. Describe the significance of this research proposal including prospects for academic excellence, innovations in scientific research or technological development, and impact on research field and international competitiveness.
3. For each year of the project, specify the objectives and methods of the project. Describe the integration among sub-projects, including coherence of integrated projects, and potential advantages, etc.
4. Describe the performance of previous and current research. Emphasize future sustainability, current strengths and achievements. Describe also any past experience with other integrated projects consisting of one main project and at least three sub-projects.
5. Describe the research infrastructure in participating institutions including possibility of matching funds, support for working space, manpower, expenses, facilities, administration, and reduction of teaching load.
6. Describe major anticipated achievements and accomplishments for each project year.
7. Provide references or documents.



## XII. Anticipated Research Achievement

(This form is for the main project and all sub-projects)

<sup>1</sup> Indicate the number of items that are significant. The criterion for “significant” is defined by the PIs of the program. For example, it may refer to Top journals (i.e., those with impact factors in the upper 15%) in the area of research, or conferences that are very selective in accepting submitted papers (i.e., at an acceptance rate no greater than 30%). Please specify the criteria in Appendix I.

<sup>2</sup> Refers to the workshop and conferences hosted by the program.

<sup>3</sup> Refers to industry standards approved by national or international standardization parties that are proposed by PIs of the program.

| Listing   |                    | Average of past 3 years |                            |                          | Anticipated achievement |                            |                          |
|---|--------------------|-------------------------|----------------------------|--------------------------|-------------------------|----------------------------|--------------------------|
|   |                    | Total                   | Domestic/<br>International | Significant <sup>1</sup> | Total                   | Domestic/<br>International | Significant <sup>1</sup> |
| Published Articles                                | Journals           |                         | D:                         |                          |                         | D:                         |                          |
|   |                    |                         | I:                         |                          |                         | I:                         |                          |
|   | Conferences        |                         | D:                         |                          |                         | D:                         |                          |
|   |                    | I:                      |                            |                          | I:                      |                            |                          |
|   | Technology Reports |                         |                            |                          |                         |                            |                          |
| Patents   | Pending            |                         | D:                         |                          |                         | D:                         |                          |
|   |                    |                         | I:                         |                          |                         | I:                         |                          |
|   | Granted            |                         | D:                         |                          |                         | D:                         |                          |
|   |                    | I:                      |                            |                          | I:                      |                            |                          |
| Copyrighted Inventions                            | Item               |                         |                            |                          |                         |                            |                          |
| Workshops/<br>Conferences <sup>2</sup>            | Item               |                         | D:                         |                          |                         | D:                         |                          |
|   |                    |                         | I:                         |                          |                         | I:                         |                          |
|   | Participants       |                         | D:                         |                          |                         | D:                         |                          |
|   |                    | I:                      |                            |                          | I:                      |                            |                          |
| Training Courses<br>( Workshops/<br>Conferences ) | Hours              |                         |                            |                          |                         |                            |                          |
|   | Participants       |                         |                            |                          |                         |                            |                          |
| Technology Transfers                              | Item               |                         |                            |                          |                         |                            |                          |
|   | Licensing Fee      |                         |                            |                          |                         |                            |                          |
|   | Royalty            |                         |                            |                          |                         |                            |                          |
| Industry Standards <sup>3</sup>                   | Item               |                         |                            |                          |                         |                            |                          |
| Technological Services <sup>4</sup>               | Item               |                         |                            |                          |                         |                            |                          |
|   | Service Fee        |                         |                            |                          |                         |                            |                          |

<sup>4</sup> Refers to research outcomes used to provide technological services, including research and educational programs, to other ministries of the government or professional societies

### XIII. Research Achievement

**For those who have been granted, please list past researches and publications related to this grant.**

| 獲補助<br>年度 | 計畫名稱/<br>計畫團隊成員 | <u>論文資料</u><br>請填寫所有作者(按期刊所刊登<br>之原排序,計畫團隊成員姓名下<br><u>underline</u> )、著作名稱、期刊名<br>稱(務必書寫全名)、年份、月<br>份、卷期、起迄頁數。 | category | 5-IF | order<br>(5-IF 排名及%) | 發表時標註<br>經費來源為<br>本計畫,請<br>打勾 |
|-----------|-----------------|--|----------|------|----------------------|-------------------------------|
|           |                 |  |          |      |                      |                               |
|           |                 |  |          |      |                      |                               |
|           |                 |  |          |      |                      |                               |
|           |                 |  |          |      |                      |                               |

## **Appendix**

(This form is for the main project and all sub-projects)

### **List of Name of “Top” Journals and Conferences**

The criteria for top journals and conferences should be defined and stated briefly at the beginning of this section.

# Curriculum Vitae

# Curriculum Vitae

(CV is required for all PIs and co-PIs of the main and sub-projects.)  
**Do not exceed 3 pages for each CV.**

1. General information:
  - (a) Name (English, Chinese)
  - (b) Birth date(MM/DD/YYYY)
  - (c) Gender
  - (d) Phone, Fax, E-mail
2. Current position title, institution/department, address
3. Research experience  
Institution and location, position title, years (From... To....), field of study
4. Education (including postdoctoral training)  
Institution and location, degree (if applicable), years (From...To...), field of study
5. Fields of specialty (limit to fields related to research)
6. Significant project-related publication (Including periodical articles, technical reports, patents, or books related to the project in the recent 5 years)