Pre-proposal
Innovative Translational Research: Novel Targets in Human Health and Diseases

I. General Information (Please fill out the general information form online)

<table>
<tr><td rowspan="2">Title of Pre-proposal</td><td>English</td><td colspan="3"></td></tr>
<tr><td>Chinese</td><td colspan="3"></td></tr>
<tr><td rowspan="2">Name of Principal Investigator (PI)</td><td>English</td><td></td><td rowspan="2">Position</td><td rowspan="2"></td></tr>
<tr><td>Chinese</td><td></td></tr>
<tr><td rowspan="4">Research Pre-proposal Topics

(Target area can be one or more)</td><td colspan="4">☐ Metabolism and mitochondria</td></tr>
<tr><td colspan="4">☐ Epigenetics and post-translational modifications</td></tr>
<tr><td colspan="4">☐ Immunomodulation and inflammation</td></tr>
<tr><td colspan="4">☐ Others_____</td></tr>
<tr><td>Institution/ Department</td><td colspan="4"></td></tr>
<tr><td>Entire Term of Project Period</td><td colspan="4"></td></tr>
<tr><td>Corresponding Person</td><td colspan="4">Name: (Chinese)_____ (English)_____
Mailing Address in Chinese: _____
Telephone: (Office)_____ (Home)_____ (Mobile)_____
Fax: _____ E-mail: _____</td></tr>
</table>

1. Co-PI Name: (Chinese)_____ (English)_____

   Signature: _____

2. Co-PI Name: (Chinese)_____ (English)_____

   Signature: _____

3. Co-PI Name: (Chinese)_____ (English)_____

   Signature: _____

4. …………

II. **Contents of Pre-proposal** (within **5** pages, excluding abstract and references)

1. Abstracts of this research pre-proposal in Chinese and English (within **1** page).
2. Overall description of the pre-proposal, including:
   A. Rationale and background:
      (1) Significance and the overall objectives of this pre-proposal.
      (2) Current status of the related research worldwide.
      (3) The novelty/innovation of the potential target(s)/biomarker(s) and its link to human disease or health issue.
      (4) Key evidence available to support the proposal
   B. Research strategy (specific aims):
      (1) Describe the research plan according to the specific aims.
      (2) Describe the approaches to identify and validate the target(s)/biomarker(s).
         *Validated targets generally should fulfill the following criteria
         a. Mechanism of action understood
         b. Clinical association established
         c. Pre-clinical model tested
         d. Strong translational and industrial values
         *If there are multiple targets, describe how they would be prioritized.
   C. Anticipated results, accomplishments and benefits to society. (Describe how the proposed research will lead to clinical or industrial applications. What is the value of the target in translation medicine?)
   D. Facilities and platforms:
      (1) Describe lab facilities available to carry out the proposed research.
      (2) Describe the support from the affiliated institute(s).
      (3) Describe the utilization of national core facilities, if any.
   E. Leadership and team members:
      Briefly describe the plan for integration and coordination among team members.

III. Recent Research Projects and Submitted Proposals

1. All PI and co-PI(s) of the proposed project should complete this table on separate pages.
2. List recent research projects within the past three years and proposals submitted to any funding agency for grant application.

Name of PI/co-PI: _____   Unit: NTD 1,000

Title of Research Project (For MOST grant applications, indicate grant number)	Role/Position	Duration (M/D/Y~ M/D/Y)	Funding Agency	Amount of Funding	Note

IV. Contributions of PI and co-PI

List the name, position and organization of all PI and co-PI(s) involved in the proposal and their respective contributions.

*Role	Name	Institution	Position	Expected Scientific contributions
PI				
co-PI				
co-PI				
….				

*Role: Please indicate each investigator's role as PI or co-PI.

V. Curriculum vitae

1. CV is required for all PI and co-PI(s) of the proposed project.

2. Please provide the following information within **2** pages for each CV:
    - Name, gender, birth date
    - Education
    - Current position and relevant experience
    - Fields of specialty (limit to fields related to research)
    - Major awards and honors
    - 5 representative publications in the past 5 years
    - Patents held (related or unrelated to study)