

# Pre-proposal

## Innovative Translational Research: Novel Targets in Human Health and Diseases

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

Title of Pre-proposal	English			
	Chinese			
Name of Principal Investigator (PI)	English		Position	
	Chinese			
Research Pre-proposal Topics (Target area can be one or more)	<input type="checkbox"/> Metabolism and mitochondria <input type="checkbox"/> Epigenetics and post-translational modifications <input type="checkbox"/> Immunomodulation and inflammation <input type="checkbox"/> Others _____			
Institution/ Department				
Entire Term of Project Period				
Corresponding Person	Name: (Chinese)_____ (English)_____ Mailing Address in Chinese: _____ Telephone: (Office)_____ (Home)_____ (Mobile)_____ Fax: _____ E-mail: _____			

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) or 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.
      - \*Validated targets generally should fulfill the following criteria
        - a. Mechanism of action
        - b. Clinical association
        - c. Pre-clinical model
        - 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.



#### 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.

<b>*Role</b>	<b>Name</b>	<b>Institution</b>	<b>Position</b>	<b>Expected Scientific contributions</b>
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)