

III. Contents of Grant Proposal (CM03, written in English):

A. Please follow the requirements as below:

- Type setting: Times New Roman, Arial or Calibri **12-point, single-spaced**
- Page limit: within **15** pages, excluding “abstract” and “references”
- Keywords (Chinese and English), Abstracts (Chinese and English) and Expected Impact (CM02, total within 2 page)
 - Keywords in Chinese and English.
 - Abstracts in Chinese and English.
 - Expected Impact.

Please outline the objective of your research proposal and its potential impacts on society, economy, and academic development. ※This section will be published on the MOST website after the approval of this project.

B. Overall description of grant proposal, including:

1. Rationale and Background:

- (1) Describe the unmet need and the significance and the overall objectives of this grant proposal.
- (2) Analyze the current status of the related research worldwide.
- (3) Analyze the novelty and competitive advantages of the proposed research.
- (4) Key evidence available to support the proposal.

2. Specific Aims

3. Preliminary Studies and Results

4. Research Design:

- (1) Research principles and methods.
- (2) If biomarker(s) is to be discovered or studied, please discuss the following requirements for validation:
 - a. Mechanism of action and Go/No-go decision points of the targets/biomarkers selection.
 - b. Clinical association.
 - c. Pre-clinical model.
 - d. Translational and industrial values.
- (3) If clinical samples are to be used, please describe the sample number and whether it satisfy the requirement to reach statistically sound conclusions, the methods for patient recruitment, sample collection and the strategy of stratifying patient samples from the heterogeneous population.
- (4) Anticipated results and alternative approaches for each aim/sub aim.

5. Anticipated accomplishments and benefits to society:

- (1) Potential contribution to academics, clinical/industrial applications or societal impacts.

[Describe how the proposed research will lead to clinical or industrial applications. What is the value of technology and solution?]

- (2) Specific and quantitative annual milestones and endpoint of this grant proposal.

6. Integrated Research Team:

- (1) Describe the strengths and contributions of PI and all co-PI(s) to the proposed project (with emphasis on complementarity and multidisciplinary nature).
- (2) Describe the mechanisms of integration and coordination among team members, including

international partners. Please describe past and current integration activities.

- (3) Describe the uniqueness and competitiveness of the team, including international partners.
- (4) Describe briefly the budget justification and allocation to PI and co-PIs.

[Briefly describe the plan for integration and coordination among team members.]