2018 National Biotechnology Research Park Translational Research Project

Proposal Form

107年度國家生技研究園區生醫轉譯研究計畫書

中文計畫名稱 Title of Proposal (Chinese)

英文計畫名稱 Title of Proposal (English)

計畫執行期間 Project Period:

| 主持人姓名 PI Name: (Chinese/English) |
|--|
| 單位 Institute/Center |
| 簽名 Signature: |
| |
| 共同主持人姓名 Co-PI Name: <u>(Chinese/English)</u> |
| |
| 單位 Institute/Center |
| 簽名 Signature: |
| |
| |
| |
| Date |

| 計畫主持人(Project PI): |
|---|
| □研究人員(Research Fellow) |
| □研究技術人員(Specialist) |
| □博士後研究學者(Postdoctoral Fellow) (畫申請需檢附歷任本院指導專任研究員之同意說明信函(supporting letter)) |
| 轉譯研究計畫領域(Topic of Translational Research): |
| □癌症(Cancer) |
| □神經科學(Neuroscience) |
| □免疫感染(Immunity and Infection) |
| □再生醫學(Regenerative medicine) |
| □其他創新轉譯研究(other innovative translational research) |
| |
| 聯絡人資訊(Corresponding Person) |
| 姓名(Name): |
| 電話(telephone): (辨公室/Office) |
| E-mail: |

計畫內容(Content of Proposal)

計畫內容可以中英文撰寫,並包含以下各要項,頁數以5頁為限,但不包括摘要及參考文獻之頁數。(The proposal can be written in either English or Chinese. The proposal should address items below and be kept within 5 pages, excluding abstract and references)

- 1. Abstracts.
- 2. Description of the proposal, including:
 - A. Specific aims.
 - B. Rationale and background:
 - (1) Significance and the overall objectives.
 - (2) Analyze limitation of current status and international competitiveness of the related research.
 - (3) Define the critical problems and propose the novelty/innovation of the target(s) that may lead to a breakthrough and its link to human disease or health issue.
 - (4) Key evidence available to support the proposal.
 - (5) Patent(s) application situation.
 - C. Research strategy:

(Describe the research plan according to the specific aims.)

D. Anticipated results:

(Including how the proposed research will lead to clinical or industrial applications.)

- E. Facilities and platforms:
 - (1) Describe lab facilities available to carry out the proposed research.
 - (2) Describe the support/funding from the affiliated institute(s), industrial sponsor(s) or others.
 - (3) Leadership and team members.
 - (4) Strengths and contributions of all co-PI(s) to the proposed project (complementarity and multidiscipline).
- F. References

計畫執行人員(Personnel for the Project)

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

| Staff Type | Name (in Chinese and English) | Institution/ Department | Position | Role in Project |
|------------|-------------------------------------|----------------------------|----------|-----------------|
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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 info | ormed and fully awa | are the role I play | in this project wh | nich is described in |
|----------------|---------------------|---------------------|--------------------|----------------------|
| Signature and | d Date: | | | |
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計畫期間經費來源(Funding Resources for the Entire Term of Project Period)

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

| | | | | | J | Jnit: NT | TD 1,000 |
|--|----------------------|------|-------------------|---|-------------------|-----------|--------------------|
| | 1 st Y | Year | 2 nd 3 | Year | 3 rd v | Year | Total |
| Project Year | (20 | 19) | (20 |)20) | (20 | 21) | for Entire |
| De last Catagorias | From our | From | From our | From | From our | From | Term of Project |
| Budget Categories | lab | NBRP | lab | NBRP | lab | NBRP | Period |
| General Expense | | | | | | | |
| Salaries & Wages | | | | | | | |
| Consumables & Miscellaneous | | | | | | | |
| Equipment | | | | | | | |
| Total for Each Year | | | | | | | NTD |
| Indicate matching fund or any k agencies (including industrial su | | | • | particip | ating inst | titutions | s or other funding |
| Supporting Institution 1 | Amount of Funding | | | Items Funded (personnel, equipment, etc.) | | | Funding Period |
| (including participating institutions and other funding agencies) | | | (pe | | | tc.) | |
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個人簡歷(計畫所有參與者每人相關著作目錄或專利)(Biographical Sketches)

Biographical sketch for each PI.

- 聯絡資訊(Contact information):所屬單位與職稱(affiliation and title)、連絡電話 (Tel)、Email 等。
- 學歷(Education)
- 研究領域(Research Interests)
- 相關經歷(Experiences)
- 獎項及榮譽(Awards and Honors)
- 著作目錄和專利(List publications and patents related to the proposed research)
- 其他(Others)

計畫調查表(含中研院內及各政府單位之補助計畫)(Survey of Research Projects)

| 主持人姓名:_ | | |
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| 請列舉 | 近 3 年所執行、申請中或即將提出申請之院內、外研究計畫 | | | | | | |
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| 項 | | | | | | | |
| 次 | | | | | | | |
| | (1)計畫名稱: | | | | | | |
| | 計畫擔任角色□ A.計畫主持人□ B.計畫總主持人□ C.分支計畫主持人 | | | | | | |
| | (2)補助單位及計畫類型: | | | | | | |
| 1 | (3)執行期間:年月 至年月止。 | | | | | | |
| 1 | (4)總研究經費/個人研究經費 | | | | | | |
| | 年度 總研究經費(仟元) 個人研究經費(仟元) | | | | | | |
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| | (5)此計畫是否與本次申請計畫有相關?若有,請以附件敘明其關聯性。 | | | | | | |
| | □ 否 □ 是 | | | | | | |
| | (1)計畫名稱: 計畫狀態 □ A.執行中 □ B.申請中 □ C.即將提出申請 | | | | | | |
| | ● 計畫擔任角色 | | | | | | |
| | □ A.計畫主持人 □ B.計畫總主持人 □ C.分支計畫主持人 | | | | | | |
| | (2)補助單位及計畫類型: | | | | | | |
| 2 | (3)執行期間:年月 至年月止。 | | | | | | |
| 2 | (4)總研究經費/個人研究經費 | | | | | | |
| | 年度 總研究經費(仟元) 個人研究經費(仟元) | | | | | | |
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| | □ 否 □ 是 | | | | | | |

| 2. Su | rvey of Research | Projects | | | | |
|-------|--|--|---|--|--|--|
| Prin | ncipal Investigator: | | | | | |
| | | pending and forthcoming proexternal agencies since 2015. | jects/proposals funded by | | | |
| No. | | | | | | |
| | Research R □ A. Pro | rrent □ B. Pending | ☐ C. Forthcoming ector ☐ C. Subproject PI | | | |
| | (3) Project Period:(YYYY/MM) to(YYYY/MM) | | | | | |
| 1 | (4) Funding Amount in thousands of NTD: | | | | | |
| | Year | Total Project Amount | Individual Project Amount | | | |
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| | (5) Please specify in appendix if there is any correlation between in this project/proposal and the Grand Challenge Program you apply for. □ No Correlation. □ Yes. (Please specify.) | | | | | |
| | (1) Project/Propo • Status: □ A. Cu • Research R □ A. Pro | rrent □ B. Pending | _ | | | |
| | (2) Funding Agency and Project Type: | | | | | |
| | (3) Project Period:(YYYY/MM) to(YYYY/MM) | | | | | |
| 2 | (4) Funding Amount in thousands of NTD: | | | | | |
| | Year | Total Project Amount | Individual Project Amount | | | |
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| | (5) Please specify if there is any correlation between in this project/proposal | | | | | |

☐ Yes. (Please specify.)

USE ADDITIONAL SHEETS AS NECESSARY.

and the Grand Challenge Program you apply for.

□ No Correlation.