**國立臺灣大學與中央研究院創新性合作計畫書**

**Proposal of National Taiwan University and Academia Sinica
Innovative Joint Program**

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| 臺大 NTU計畫主持人姓名Name of Principal Investigator (PI)：系/所/中心Institution/Department：職稱Position：研究領域Fields of Specialty： | 中研院 Academia Sinica計畫主持人姓名Name of Principal Investigator (PI)：系/所/中心Institution/Department：職稱Position：研究領域Fields of Specialty： |
| 計畫名稱Title中文(in Chinese)：英文(in English)： |
| 計畫執行期間Duration： |
| 計畫願景Vision： |
| 執行方式Implementation： |
| 預期效益Expected Outcomes： |
| **計畫內容Content of Research Proposal**請重點敘明雙方研究之挑戰性、創新性以及互補性，第一、二點內容**至少三頁**（不含參考文獻）；第一～五點內容至多十頁。Please emphasize the challenge, innovation and complementarity in the researches of both sides. The contents of item 1 and 2 should be at least 3 pages (not including the reference) and the total pages should not exceed 10.一、挑戰性與創新性Challenge and innovation二、臺大與中研院研究之互補性Complementarity between NTU and Academia Sinica三、研究領域之重要性The importance of the research fields四、是否有機會引領相關領域之發展 Possibility of leading to further development of the research fields?五、能否為主持人所屬之系所開創新的研究方向、或補強該系所研究之整合Possibility to create a new research direction or to enhance the integration of the research in the respective institute? |
| 分年預期成果及具體檢核點（請分年明列）Expected Annual Outcomes and Milestones: | 2019： |
| 2020： |
| 國內外參與單位及人員Professional Personnel for the Program：

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| --- | --- | --- | --- | --- | --- |
|  | Staff Type | 單位Institution/Department | 合作人員姓名、職稱Name/Position | 本計畫參與之部分Role in Program | 其他補充Other Supplement |
| 臺大NTU | 計畫主持人 PI |  |  |  |  |
| 共同主持人 Co-PI |  |  |  |  |
| 共同主持人Co-PI |  |  |  |  |
| 中研院Academia Sinica | 計畫主持人PI |  |  |  |  |
| 共同主持人Co-PI |  |  |  |  |
| 共同主持人Co-PI |  |  |  |  |

※若核定通過，臺大與中研院各自撥款予計畫主持人。　If this program is approved, NTU and Academia Sinica will allocate respective fund to PI. |
| **經費需求Requested Budget**臺大與中研院原則補助相同金額。若因實際需要，雙方需編列不同經費金額，可敘明原因後編列。In principle, NTU and Academia Sinica subsidize the same amount of budget. However, it could be different for actual needs with explanations clearly provided.1.計畫總經費Total Requested Budget：　新台幣(TWD) 元整

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| --- | --- | --- | --- |
|  Expense | 資本門（設備費）Capital  | 經常門（業務費）General  | 合 計Total  |
| 2019年(1-12月) |  |  |  |
| 2020年(1-12月) |  |  |  |
| 合計(Total) |  |  |  |

2.臺大(NTU)分年經費明細：

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| --- | --- | --- | --- |
|  Expense | 資本門（設備費）Capital  | 經常門（業務費）General  | 合 計Total  |
| 2019年(1-12月) |  |  |  |
| 2020年(1-12月) |  |  |  |
| 合計(Total) |  |  |  |

　分類經費明細Detail list：1. 資本門（設備費）Capital Expense：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 年度 | 名稱Item | 功能Functions | 單價Unit price | 數量Quantity | 總價Amount |
| 2019年 |  |  |  |  |  |
| 2020年 |  |  |  |  |  |

1. 經常門（業務費）General Expense：

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 年度 Year | 人事Personnel | 耗材與雜項Consumables & Miscellaneous | 國外差旅費International Travel | 總價Amount |
| 2019年 |  |  |  |  |
| 2020年 |  |  |  |  |

3.中研院(Academia Sinica)分年經費明細：

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|   Expense | 資本門（設備費）Capital  | 經常門（業務費）General  | 合 計Total  |
| 2019年(1-12月) |  |  |  |
| 2020年(1-12月) |  |  |  |
| 合計(Total) |  |  |  |

　分類經費明細Detail list：　(1)資本門（設備費）Capital Expense：

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 年度 | 名稱Item | 功能Functions | 單價Unit price | 數量Quantity | 總價Amount |
| 2019年 |  |  |  |  |  |
| 2020年 |  |  |  |  |  |

　(2)經常門（業務費）General Expense：

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| --- | --- | --- | --- | --- |
| 年度 Year | 人事Personnel | 耗材與雜項Consumables & Miscellaneous | 國外差旅費International Travel | 總價Amount |
| 2019年 |  |  |  |  |
| 2020年 |  |  |  |  |

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| 請確認以下項目：

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| 1.本計畫為高創新性且有機會引領相關領域之發展Is this program of high innovation and possible to lead the development of related research areas? | □是Yes □否No |
| 2.是否為已接受其他補助單位之類似構想？Has this proposal been supported by any other funding? | □是Yes □否No□不確定uncertain（目前申請中currently applying） |
| 3.雙方主持人為臺大與中研院編制內專任教師及研究人員Are both PIs full time faculties in NTU or Academia Sinica? | □是Yes □否No |

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| 4.主持人是否可能於計畫執行期間退休？Will any PI in this proposal retire during the execution of the program? | □是Yes (expected to retire at ­­\_\_\_\_Y \_\_\_M)□否No |
| 5.雙方主持人是否曾發表於頂尖或卓越期刊？Have both PIs published papers in top journals? | □是Yes □否No |
| 論文名稱Title of the Paper | 作者Names of Authors | 發表期刊Journal Title | 發表年份Year and Month of Publication |
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| 附件資料Supplementary Materials：□附件1：計畫調查表 (Survey of Research Projects)□附件2：國內外參與人員CV (Curriculum Vitae of Professional Personnel for the Program)□附件3：其他有助審查之資料 (Other relevant Materials) |
| 本案依據：國立臺灣大學與中央研究院創新性合作計畫聯合補助要點This proposal call is based on the guidelines of NTU and Academia Sinica Innovative Joint program. |

臺大計畫主持人簽章Signature of PI in NTU：

（連絡電話Telephone: (Office)　 　　　 　Email:　　　　 ）

單位主管簽章Signature of Departmental Chair in NTU：

中研院計畫主持人 簽章Signature of PI in Academia Sinica：

（連絡電話Telephone: (Office)　 　　　 　Email: 　　　　 ）

單位主管簽章Signature of Institutional Director in Academia Sinica：

**附件1：計畫調查表Survey of Research Projects**

臺大主持人姓名Name of PI in NTU：

請列舉近3年（2016~2018年）所執行、申請中或即將提出申請之校內、外研究計畫

Please list any current, pending and forthcoming projects/proposals funded by NTU and external agencies since 2016.

|  |  |
| --- | --- |
| No. |  |
| 1 | (1)計畫名稱Project/Proposal Title：* 計畫狀態Status

　　　□ A.執行中Current　　　　　□ B.申請中Pending　　　□ C.即將提出申請Forthcoming* 計畫擔任角色Research Role

　□ A.計畫主持人Project PI　　□ B.計畫總主持人Project Director　□ C.分支計畫主持人Subproject PI(2)補助單位及計畫類型Funding Agency and Project Type：(3)執行期間Project Period：　　年　　月 至 　　年　　月(YYYY/MM)止。(4)總研究經費/個人研究經費Funding Amount in thousands of NTD

|  |  |  |
| --- | --- | --- |
| 年度Year | 總研究經費(仟元) Total Project Amount | 個人研究經費(仟元) Individual Project Amount |
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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。 Please specify in appendix if there is any correlation between in this project/proposal and the Grand Challenge Program you apply for.　□ 否No Correlation　　　　　　□ 是Yes. (Please specify.) |
| 2 | (1)計畫名稱Project/Proposal Title：* 計畫狀態Status

　　　□ A.執行中Current　　　　　□ B.申請中Pending　　　□ C.即將提出申請Forthcoming* 計畫擔任角色Research Role

　□ A.計畫主持人Project PI　　□ B.計畫總主持人Project Director　□ C.分支計畫主持人Subproject PI(2)補助單位及計畫類型Funding Agency and Project Type：(3)執行期間Project Period：　　年　　月 至 　　年　　月(YYYY/MM)止。(4)總研究經費/個人研究經費Funding Amount in thousands of NTD

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| --- | --- | --- |
| 年度Year | 總研究經費(仟元) Total Project Amount | 個人研究經費(仟元) Individual Project Amount |
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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。 Please specify in appendix if there is any correlation between in this project/proposal and the Grand Challenge Program you apply for.　□ 否No Correlation　　　　　　□ 是Yes. (Please specify.) |

※ 本表如不敷使用，請自行增列

中研院主持人姓名Name of PI in Academia Sinica：

請列舉近3年（2016~2018年）所執行、申請中或即將提出申請之校內、外研究計畫

Please list any current, pending and forthcoming projects/proposals funded by Academia Sinica and external agencies since 2016.

|  |  |
| --- | --- |
| No. |  |
| 1 | (1)計畫名稱Project/Proposal Title：* 計畫狀態Status

　　　□ A.執行中Current　　　　　□ B.申請中Pending　　　□ C.即將提出申請Forthcoming* 計畫擔任角色Research Role

　□ A.計畫主持人Project PI　　□ B.計畫總主持人Project Director　□ C.分支計畫主持人Subproject PI(2)補助單位及計畫類型Funding Agency and Project Type：(3)執行期間Project Period：　　年　　月 至 　　年　　月(YYYY/MM)止。(4)總研究經費/個人研究經費Funding Amount in thousands of NTD

|  |  |  |
| --- | --- | --- |
| 年度Year | 總研究經費(仟元) Total Project Amount | 個人研究經費(仟元) Individual Project Amount |
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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。 Please specify in appendix if there is any correlation between in this project/proposal and the Grand Challenge Program you apply for.　□ 否No Correlation　　　　　　□ 是Yes. (Please specify.) |
| 2 | (1)計畫名稱Project/Proposal Title：* 計畫狀態Status

　　　□ A.執行中Current　　　　　□ B.申請中Pending　　　□ C.即將提出申請Forthcoming* 計畫擔任角色Research Role

　□ A.計畫主持人Project PI　　□ B.計畫總主持人Project Director　□ C.分支計畫主持人Subproject PI(2)補助單位及計畫類型Funding Agency and Project Type：(3)執行期間Project Period：　　年　　月 至 　　年　　月(YYYY/MM)止。(4)總研究經費/個人研究經費Funding Amount in thousands of NTD

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| 年度Year | 總研究經費(仟元) Total Project Amount | 個人研究經費(仟元) Individual Project Amount |
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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。 Please specify in appendix if there is any correlation between in this project/proposal and the Grand Challenge Program you apply for.　□ 否No Correlation　　　　　　□ 是Yes. (Please specify.) |

※ 本表如不敷使用，請自行增列