

Symposium on Systems Neuroscience

20-21 Nov, 2018

Place: Lecture Room A of NCTS, 4F, General Building III, NTHU

11/
20

AM 09:30

► Sensory systems

Prof. Y. Henry Sun

Institute of Molecular Biology, AS, Taiwan

Prof. Aurel A. Lazar

Department of Electrical Engineering,
Columbia University, USA

Chih-Cheng Chen

Institute of Biomedical Sciences, AS, Taiwan

► Neural circuitry

Prof. Li-An Chu

Brain Research Center, NTHU, Taiwan

Prof. Suewei Lin

Institute of Molecular Biology, AS, Taiwan

Prof. Johannes Seelig

Research Center Caesar, Max Planck Society,
Germany

► Hosts

Prof. Chung-Chuan Lo

Institute of Systems Neuroscience, NTHU, Taiwan

Prof. Tsung-Han Kuo

Institute of Systems Neuroscience, NTHU, Taiwan

Prof. Lee-Wei Yang

Institute of Bioinformatics and Structural Biology, NTHU,
Taiwan



Registration Deadline: Nov 16, 2018
website :

<http://www.phys.cts.nthu.edu.tw/actnews/content.php?Sn=435>

11/
21

AM 10:20

► Social behavior

Prof. Kumi O. Kuroda

RIKEN Brain Science Institute, Japan

Prof. Hitoshi Okamoto

RIKEN Brain Science Institute, Japan

► Molecular and cellular neuroscience

Prof. Cheng-Chang Lien

Institute of Neuroscience, YM, Taiwan

Prof. Yi-Ping Hsueh

Institute of Molecular Biology, AS, Taiwan

Prof. Shih-Kuo Chen

Department of Life Science, NTU, Taiwan

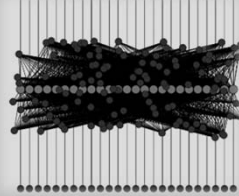
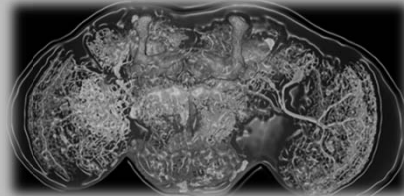
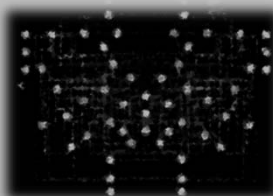
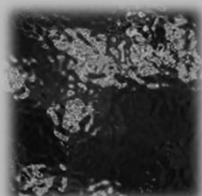
Prof. Pei-Yu Wang

Brain and Mind Sciences, College of
Medicine, NTU, Taiwan

► Affiliation



地點：清華大學綜合三館理論中心4F會議室A



「總統科學獎遴選辦法」提名資料寄送注意事項

一、提名人請依規定於公告受理期間內以電子郵件檢送提名資料：

◎應檢送資料：中、英文提名書，被提名人中、英代表著作及學經歷簡介（電子檔），請彙整後以電子郵件寄達；如無電子檔之著作專書正本，請另行郵寄。

◎為利審查行政作業，中、英文提名書以 MS WORD 檔為主。

二、提名人以外之國內外學者推薦函（電子檔），由該學者以電子郵件逕寄，請提名人通知撰寫推薦函之學者務必於受理期間內寄達，逾期或文件不齊，均不予受理。

三、科技部電子信箱：psp@most.gov.tw（本電子信箱之郵件容量為 100MB，如郵件無法寄出，則請檢視電子郵件之寄送容量，或以壓縮檔處理。）

四、科技部聯絡電話：(02) 2737-8076。

總統科學獎遴選要點

103 年 9 月 3 日科部綜字第 1030064497B 號函

一、宗旨：為提升臺灣在國際學術界之地位，並獎勵數理科學、生命科學、社會科學及應用科學在國際學術研究上具創新性且貢獻卓著之學者，尤以對臺灣社會有重大貢獻之基礎學術研究人才為優先獎勵對象。

二、總統科學獎委員會

- (一) 為辦理總統科學獎，組成總統科學獎委員會，置委員十五人，除中央研究院院長、科技部部長、總統府副秘書長、教育部部長、國家衛生研究院院長為當然委員外，其餘委員由總統聘請五位大學校長及五位卓越科學研究人員代表擔任之，並由中央研究院院長擔任召集人，科技部部長擔任副召集人，中央研究院學術諮詢總會執行秘書及科技部負責學術之次長擔任執行秘書。
- (二) 總統科學獎委員會委員聘期二年，並得續聘，均為無給職。除當然委員以職務任期為聘期外，其餘委員不因職務異動而改聘。
- (三) 總統科學獎委員會委員於聘任期間，不得被提名為候選人，亦不得因被提名為候選人而請辭；因其他原因辭聘者，於原聘任期間亦不得被提名為候選人。總統科學獎委員會委員因故不足員額時，依第一款規定方式另聘委員補足原出缺委員之任期。
- (四) 總統科學獎委員會會議召開時，委員因故不克出席者，得以書面委託其他委員一人代理出席。代理人得就會議事項，行使各項會議權利，並得對會議臨時事宜全權處理。

三、候選人之提名

總統科學獎候選人提名方式如下：

- (一) 中央研究院院士或總統科學獎得主，得提名候選人。
- (二) 總統科學獎委員會得邀請學術、研發單位或團體及社會賢達人士提名候選人。

四、遴選程序

(一) 遴選小組

- 1、為辦理總統科學獎之遴選作業，設數理科學、生命科學、社會

科學及應用科學四組遴選小組評審，各小組由總統科學獎委員會聘請九位至十一位委員組成，並由各遴選小組自行推舉各小組召集人。

2、遴選小組委員由總統科學獎委員會核聘，均為無給職。

(二)遴選方式(請參閱「總統科學獎遴選要點」提名資料寄送注意事項，如附件一)

1、提名人應檢送下列資料：

(1)中、英文提名書(如附件二，電子檔一份)。

(2)被提名人之中、英代表著作(三篇至五篇，電子檔)，如無電子檔之著作專書正本，請另行郵寄。

(3)被提名人之學經歷簡介(電子檔一份)。

2、提名人以外之國內外學者推薦函三封至五封，請於受理期間內逕寄科技部之電子信箱：psp@most.gov.tw。

3、遴選作業由各遴選小組以分組會議審查方式辦理，並就提名案逐案進行審查後，提出建議推薦名單，並具體敘明推薦理由。

各遴選小組會議因故未能召開時，該小組召集人得以書面敘明理由，經總統科學獎委員會召集人同意後，以書面審查方式辦理。

4、得獎名單由總統科學獎委員會會同四組遴選小組召集人組成聯席會議共同決定之。

聯席會議召開時，遴選小組召集人因故不克出席者，得以書面委託該遴選小組其他委員一人代理出席。會議進行中，出席委員因故提前離席者，除視為放棄其表決權外，亦不得委託其他出席委員代理其行使表決權。

5、遴選小組會議及聯席會議至少須有三分之二以上委員出席，始得召開。會議進行審查時，應經出席委員討論後投票，獲得出席委員四分之三以上同意票者，始得通過。

聯席會議召開時，除遴選小組召集人外，其他委員不得委託他人代理出席。

6、總統科學獎委員會委員及遴選小組委員須遵守利益迴避原則。

7、本獎項遴選結果如無適當得獎人時，得從缺。

五、頒獎及表揚方式

- (一) 總統科學獎每二年辦理一次，每次得獎人以四名以內（不分組別）為原則。
- (二) 為表彰得獎人之貢獻，以隆重儀式由 總統頒發獎金每獎項新臺幣二百萬元、每位得獎人獎狀一紙及獎座一座。
- (三) 舉辦總統科學獎得獎人公開演講或以其他適當方式介紹得獎人。

六、本獎項作業相關經費，由科技部編列年度預算支應。

Presidential Science Prize of Taiwan

Eligibility and Selection Process

I. Statement of Purpose

Towards promoting Taiwan's position in the international scientific community, the Office of the President of the Republic of China has established the Presidential Science Prize to recognize innovative researchers who have made monumental contributions to international research in the fields of Mathematics and Physical Sciences, Life Sciences, Social Sciences, and Applied Sciences, especially those scholars whose works have had major impact on the development and applications of these fields in Taiwan. In principle, the Prize will be awarded in each of the four fields once every two years.

II. "Presidential Science Prize" Steering Committee

- (A) To implement the selection and award of the Presidential Science Prize, the President of Academia Sinica has convened a steering committee of fifteen distinguished scientists and scholars. The Committee will include five permanent members (President of Academia Sinica, Deputy Secretary General of the Office of the President, Minister of Science and Technology, Minister of Education, and President of the National Health Research Institutes), five University Presidents, and five outstanding scientists/scholars from within the Taiwan community. The President of Academia Sinica will chair the Committee, and the Minister of Science and Technology will serve as co-chair. The Executive Secretary of the Academic Advisory Committee of Academia Sinica, and the Deputy Minister in-charge-of Academic Affairs of the Ministry of Science and Technology, will provide secretarial assistance to the Committee.
- (B) The members of the Steering Committee will serve for a term of two years, and will be eligible for renewal of membership upon expiration of each term. Exceptions will be made in cases of a permanent member whose membership comes with his/her professional appointment, where the term follows accordingly. Changes in the professional appointment of a non-permanent member will not obligate him/her to abbreviate the term. A member of the Steering Committee is not eligible for nomination as a candidate during the term of office, and cannot resign from the Committee so as to qualify as a nominee. A Committee member who resigns for other

reasons will remain ineligible for nomination until the expiration of the original term. If a Committee member resigns or departs for any reason, a new Committee member will be appointed in accordance with stipulations in Article II(A) to serve out the remaining term of the vacating member.

- (C) Steering Committee members are expected to attend scheduled meetings. Should a member finds himself/herself in a position that he/she is unable to be present at a certain meeting, he/she should so inform the Chair of the Steering Committee in writing, explaining the circumstances, and designate another member of the Committee as his/her proxy, with all the rights and privileges to represent him/her during the discussion and disposition of all agenda items as well as any unscheduled business that might ensue.

III. Nomination of Candidates (Please see the instructions to service of the nomination information required under the Presidential Science Prize of Taiwan, Directions on Eligibility and Selection Process as shown in Attachment 1 hereto.)

- (A) Nominees for the Presidential Science Prize will only be enlisted into consideration, when:

- (1) The individual is nominated by the academicians of Academia Sinica or previous Presidential Science Prize awardees;
- (2) The individual is nominated by academic and R&D institutions or associations and community leaders or social elites invited by the Presidential Science Prize Steering Committee.

- (B) The nominator shall submit the following information:

- (1) The Presidential Science Prize Nomination Forms filled out in Chinese as well as in English (see Attachment 2, one electronic file);
- (2) Representative publications of the nominee, either in Chinese or English, or both (3-5 publications in an electronic form); otherwise, the original publications shall be mailed separately;
- (3) A brief biographical profile describing the nominee's background, education and professional experiences (one electronic file);

- (C) Three to five letters of recommendations in support of the nominee from any local and foreign scholars, other than the nominator, which shall be sent by the scholars via E-mail directly to psp@most.gov.tw, the E-mail box of the Ministry of Science and Technology, during the acceptance period.

IV. Selection Process

- (A) Selection Committees

- (1) A selection committee will be formed to screen the nominees in each of the four categories of the award and to provide an in-depth evaluation of each of the candidates. The Presidential Science Prize Steering Committee will appoint nine to eleven experts to each selection committee. The selection committee will elect a group leader to serve as spokesperson.
- (2) Members of the four selection committees are appointed without remuneration.

(B) Selection Procedure

- (1) The selection committees will review each individual nomination and prepare a written in-depth evaluation of the suitability of each of the nominees for the award in the four categories of the Prize.
- (2) If for some reason, the chair of a selection committee is not able to convene a formal meeting of the committee, he/she should, with cause, obtain explicit permission from the Chair of the Presidential Science Prize Steering Committee to conduct the evaluation and selection process by mail.
- (3) Each selection committee will recommend a short list of candidates for further consideration by the Presidential Science Prize Steering Committee.
- (4) The Presidential Science Prize Steering Committee will make the final selection of the Prizewinners in a joint meeting with the group leaders of the four selection committees.
- (5) If a group leader of a selection committee is unable to attend a joint meeting of the Presidential Science Prize Steering Committee with the group leaders of the four selection committees, he/she should so inform the Chair of the Presidential Science Prize Steering Committee in writing and designate a member of his/her selection committee as his/her substitute and proxy, with all the rights and privileges to act on his/her behalf during the joint meeting. If during a joint meeting, a committee member must leave prematurely for cause, he/she must forfeit his/her right to vote. He/she will not be allowed to designate a proxy in attendance to exercise his/her voting right.
- (6) All meetings of the selection committees as well as the joint meetings of the Presidential Science Steering Committee with the group leaders of the four selection committees must have at least two-thirds of the members present to satisfy the quorum. The decision(s) resulting from meetings conducted without a quorum are otherwise non-binding.
- (7) In the final selection process, the short list or the finalist(s) must be based

- on a vote of better than three-quarters majority of all the members in attendance at the joint meeting. At the joint meeting described above, except for the group leaders of selection committees, no other committee member may designate a substitute to attend on his/her behalf.
- (8) Members of the Presidential Science Prize Steering Committee as well as the four selection committees must avoid situations of conflicts of interest and absent themselves from the meetings and deliberations when such conflicts emerge.
 - (9) When no appropriate candidate has been identified for a category of the Presidential Science Prize, an award will not be made in that category.

V. Awarding of the Presidential Science Prize

- (A) The Presidential Science Prize will be presented every two years, with, in principle, no more than four winners on each occasion (without preference to category).
- (B) The Presidential Science Prize in each of the four categories includes a monetary award of Two Million NT dollars and a plaque.
- (C) Presentation of the Presidential Science Prizes will be made in a prestigious award ceremony presided by the President of the Republic of China.
- (D) Each of the Prizewinners will present a public lecture on the award-winning work as part of the award; otherwise, other arrangements will be made to introduce the awardee(s) to the community at large, as deemed appropriate.

VI. Financial Source

The expense of the selection process of The Presidential Science Prize should be arranged by the Ministry of Science and Technology in the annual budget.

「總統科學獎」提名書

被提名人姓名	
所 屬 類 組	<input type="checkbox"/> 數理科學組 <input type="checkbox"/> 生命科學組 <input type="checkbox"/> 社會科學組 <input type="checkbox"/> 應用科學組
<input type="checkbox"/> 個人研究成果 <input type="checkbox"/> 數人之共同成果，共同列為被提名人（共同被提名人選最多不超過三位）	
被 提 名 人 研 究 成 果 具 體 貢 獻 摘 要（以 50 字 為 限）	

對被提名人研究成果之評述及提名理由，並附其個人資料

一、學術貢獻(以 1 頁為限，字型：標楷體，字級大小：14，行距：固定行高 20pt)

二、社會貢獻(尤以對臺灣社會有重大貢獻)(以 1 頁為限，字型：標楷體，字級大小：14，行距：固定行高 20pt)

先生

(被提名人) 之研究成果，有具體之傑出學術成就，且對臺灣社會具有

女士

重大貢獻，其提名理由已如前述，謹提名其為「總統科學獎」候選人。

此 致

總統科學獎委員會

中 華 民 國 年 月 日

※請填列提供推薦函之國內外學者(3-5位)聯絡資料，推薦函由下列國內外學者逕寄科技部電子信箱：psp@most.gov.tw，請提名人通知下列學者務必於受理期間內寄達，逾期或文件不齊，均不予受理。

(一)姓名：

職稱：

連絡電話：

E-mail：

(二)姓名：

職稱：

連絡電話：

E-mail：

(三)姓名：

職稱：

連絡電話：

E-mail：

(四)姓名：

職稱：

連絡電話：

E-mail：

(五)姓名：

職稱：

連絡電話：

E-mail：

(依被提名人之提名方式，下列欄位請擇一填寫)

☐ 由中央研究院院士或總統科學獎得主提名者

提名人姓名			
服務機關		職 稱	
通訊地址			
聯絡電話		傳 真	
E-mail			
簽 名			

☐ 由總統科學獎委員會邀請學術、研發單位或團體提名者

機關（構）全名			
單位首長 (或負責人)		機關 (構) 印鑑	
	【簽章】		【用印】
聯絡人姓名：	電話：()		
傳真：()	E-mail：		

☐ 由總統科學獎委員會邀請社會賢達人士提名者

提名人姓名			
服務機關		職 稱	
通訊地址			
聯絡電話		傳 真	
E-mail			
簽 名			

Presidential Science Prize Nomination Form

Nominee's Name(s)	
Category	<div style="display: flex; flex-direction: column; gap: 10px;"> <input type="checkbox"/> Mathematical and Physical Sciences <input type="checkbox"/> Life Sciences <input type="checkbox"/> Social Sciences <input type="checkbox"/> Applied Sciences </div>
<div style="display: flex; flex-direction: column; gap: 10px;"> <input type="checkbox"/> Individual recognition <input type="checkbox"/> Joint award, listed as co-nominees(co-nominees are limited to 3) </div>	
Citation of the Nominee's Research Accomplishments(not to exceed 50 words)	

Comments on the Nominee's Research Accomplishments and Reasons of Nomination, with
Nominee's Personal Information.

1. Summary of academic contributions and impact (**not to exceed one page, font type Times New Rome, font size 14, line spacing exactly at 20pt**):

2.Summary of societal contributions and impact, especially those scholars whose works have had major impact on the development and applications in Taiwan (**not to exceed one page, font type Times New Rome, font size 14, line spacing exactly at 20pt**):

The outstanding Research Accomplishment of the Nominee, Mr./Ms. _____, is a great contribution to Taiwan society. With the reasons of nomination as stated above, I hereby nominate him/her as a candidate for the Presidential Science Prize.

※Please specify the contact information of the local and foreign scholars (3-5 scholars) providing their letters of recommendations. **The letters of recommendations shall be sent by the scholars to the email of Ministry of Science and Technology, psp@most.gov.tw, directly.** The nominator must inform the scholars to serve their letters of recommendations within the acceptance period. Failure to serve the letters within the acceptance period or incomplete service of the letters will cause the nomination to be rejected.

I .Name:

Job title:

Contact No.:

E-mail:

II .Name:

Job title:

Contact No.:

E-mail:

III .Name:

Job title:

Contact No.:

E-mail:

IV.Name:

Job title:

Contact No.:

E-mail:

V.Name:

Job title:

Contact No.:

E-mail:

(Please specify the following sections depending on the mode of nomination.)

- ☐ **Nominated by academicians of the Academia Sinica or previous Presidential Science Prize awardees.**

Nominator's Name			
Entity		Job title	
Mailing address			
Contact No.		Fax No.	
E-mail			
Signature			

- ☐ **Nominated by academic and R&D institutions or associations invited by the Presidential Science Prize Steering Committee.**

Full name of entity			
Head of the Entity (or responsible person)	Signature/Seal	Specimen seal of the Entity	Affixation of Seal
Contact person:	Tel. No.:		
Fax No.:	E-mail:		

- ☐ **Nominated by community leaders or social elites invited by the Presidential Science Prize Steering Committee.**

Nominator's Name			
Entity		Job title	
Mailing address			
Contact No.		Fax No.	
E-mail			
Signature			

Instructions to Service of the Nomination Information Required Under the Presidential Science Prize of Taiwan

Eligibility and Selection Process

I. The nominator shall submit the nomination information via E-mail during the acceptance period as published:

◎Submission: Nomination form in Chinese and English, representative publications of the nominee and brief biographical profile describing the nominee's background, education and professional experiences (electronic files), to be served via E - mail; the original of the representative publications for which no electronic files are created shall be mailed separately;

◎To help the examining procedure, the Chinese/English nomination form shall be in the form of MSWORD.

II .The letters of recommendations in support of the nominee from any local and foreign scholars other than the nominator (electronic file), shall be sent by the scholars via E - mail directly. The nominator must inform the scholars to serve the letters of recommendations within the acceptance period. Failure to serve the letters within the acceptance period or incomplete service of the letters will cause the nomination to be rejected.

III. The E-mail of Ministry of Science and Technology is psp@most.gov.tw (100MB capacity; where it is impossible to send the E- mail, please check the capacity of the E-mail or send the documents in the form of a Zip file).

IV. Contact No. of Ministry of Science and Technology: (02) 2737-8076

TAIWAN

HORIZON 2020

THE FRAMEWORK
PROGRAMME FOR RESEARCH
AND INNOVATION

107年科技部補助H2020計畫說明會 暨歐盟科技外交專題講座

2018/11/30 (星期五)

台中永豐棧酒店交誼廳

| 台中市西屯區台灣大道二段689號 |

議 程

09:50~10:10

報到

10:10~10:15

開幕

10:15~10:20

團體合影

10:20~11:10

科技部徵求2018~2020年成功參與歐盟
Horizon 2020 團隊型研究計畫簡介

講者：國研院NCP辦公室

11:10~12:10

Horizon 2020: 歐盟科技外交

講者：東海大學政治系 林子立助理教授

12:10~12:30

Q&A / 閉幕

指導單位 |



承辦單位 |

NAR Labs NCP辦公室
財團法人國家實驗研究院
National Applied Research Laboratories



• 報名網址：<https://goo.gl/forms/jxLiBFNCcLTbbx172>

科技部徵求 2018~2020 年 成功參與歐盟 Horizon 2020 團隊型研究計畫方案

201805

歐盟 Horizon 2020 (H2020)計畫自 2014 年 1 月 1 日啟動至 2020 年 12 月 31 日止，為目前全球最大的開放式創新(Open Innovation)科技合作平台。該計畫架構包含三大支柱：1. Excellence in Science; 2. Industrial Leadership; 3. Societal Challenges。H2020 啟用新國際合作政策，擴大開放及邀請第三國(歐盟會員國及有簽署雙邊協議外之國家)參與，並善用開放式創新模式運作，匯聚研發能量以避免資源重複投入。為鼓勵國內研發團隊積極參與歐盟 H2020 科研架構計畫，提升台灣創新研發能量，擴展國際學術視野，建立國際學術人脈並積極參與大型跨國多邊型[研究案](#)，特規劃本案。

壹、申請資格

- 一、申請人須符合本部「補助專題研究計畫作業要點」之計畫主持人資格，[正式成功參與歐盟團隊型研究計畫](#)（須經歐盟審查通過）且未獲歐盟補助經費者，同時須[檢附證明文件](#) Consortium Agreement 及 Work Program、Grant Agreement、CORDIS Publication Record；如該計畫已獲歐盟審查通過且已開始執行後再參與者(即我國團隊參與該計畫部分並未經歐盟審查程序通過者)，本部得不受理補助。
- 二、參與 H2020 計畫原則上所負責執行的計畫內容必須為[研究或創新相關類型](#)等工作。如參與 H2020 計畫擬執行之工作項目為協助歐方辦理研討會或以顧問身份參與行政或事務性質等非具備研究或創新性質之工作內容，本部得不受理補助。
- 三、主持本部「雙邊協議專案型國際合作研究計畫」件數以 [2 件](#)為限。

貳、計畫申請

本案採[隨到隨審](#)方式，得於 2020 年 12 月 31 日前循科技部專題研究計畫線上申請方式，由申請人所任職機構造具申請名冊備函送科技部提出申請。本國團隊須於該 H2020 計畫起始執行[一年內](#)向本部提出申請。若否，則本部不受理。例如 A 團隊執行 H2020 計畫期限為 2017 年 1 月 1 日至 2019 年 12 月 31 日，如參與該計畫之本國團隊向本部申請補助之時間點為 2018 年之後者，本部得不受理。

叁、補助範圍

第一支柱: Excellence in Science		
European Research Council (ERC)	是否列入本部補助方案之範圍	
European Research Council 之補助方案包含: 1. Starting Grant (CS) 2. Consolidator Grant (CG) 3. Advance Grant (AG) 4. Proof of Concept Grant (POCG)	CS	由於 European Research Council (ERC)所督導之前瞻研究政策採不限國籍，本國研究人員亦可直接申請，經歐方審查獲推薦後可直接獲得補助，本部不再另提供補助。
	CG	
	AG	
	POCG	
Future Emerging Technology (FET)	是否列入本部補助方案之範圍	
1. FET-Open 2. FET-Proactive 3. FET-Flagships	FET-Open	是
	FET-Proactive	是
	FET-Flagships	是
Marie Skłodowska-Curie Action (MSCA)	是否列入本部補助方案之範圍	
Marie Skłodowska-Curie Action (MSCA) 1. Innovative Training Networks (ITN) 2. Individual Fellowship (IF) 3. Research and Innovation Staff Exchange (RISE) 4. Co-funding of regional, national and international Programmes (COFUND)	ITN	否
	IF	否
	RISE	可直接向歐盟申請，可獲得歐盟補助款，本部不另提供額外補助
	COFUND	否
Research Infrastructure	是否列入本部補助方案之範圍	
Research Infrastructure項下之計畫類別包含: 1. Developing new world-class research infrastructures 2. Integrating and opening research infrastructures of European interest 3. e-Infrastructures 4. Support to innovation, human resources, policy and international cooperation	否	

第二支柱: Industrial Leadership			
Leadership in Enabling and Industrial Technologies (LEIT)	是否列入本部補助方案之範圍		
LEIT 推動方案項下 2014 年鎖定六大領域 1. ICT (ICT) 2. Nanotechnologies (Nano) 3. Biotechnologies (Bio) 4. Manufacturing (Manuf.) 5. Materials (Mat.) 6. Space (SP)	ICT	A new generation of components and systems (新一代硬體)	否
		Advanced Computing (先進計算)	否
		Future Internet (未來網路)	是
		Content technologies and information management (E-化)	否
		Robotics (自動化、機器人)	是
		Micro- and nano-electronic technologies, Photonics (微機電、電子)	否
	Nano	否	
	Bio	否	
	Manuf.	否	
	Mat.	否	
	SP	否	
Access to Risk Finance	是否列入本部補助方案之範圍		
列於 H2020 科研架構第二支柱 Access to Risk Finance 項下之公開徵求等計畫皆 <u>不</u> 列於本部補助方案之範圍內			
Innovation in SMEs	是否列入本部補助方案之範圍		
列於 H2020 科研架構第二支柱 Innovation in SMEs 項下之公開徵求等計畫皆 <u>不</u> 列於本部補助方案之範圍內			

第三支柱: Societal Challenges

Societal Challenges	是否列入本部補助方案之範圍	
<p>第三支柱項下針對永續發展、人與社會所面臨之課題(Challenge)公開徵求計畫書，並鼓勵跨國跨領域團隊之組成，共同解決問題。 2014 年鎖定下列 12 重點領域：</p> <ol style="list-style-type: none"> 1. 重點領域一：客製化醫療保健 Personalising health and care 2. 重點領域二：永續食品安全 Sustainable food security 3. 重點領域三：釋放海洋的資源 Blue growth: unlocking the potential of seas and oceans 4. 重點領域四：數位安全 Digital security 5. 重點領域五：智慧化城市 Smart cities and communities 6. 重點領域六：低碳替代能源 Competitive low-carbon energy 7. 重點領域七：節能、能源效益 Energy Efficiency 8. 重點領域八：節能交通工具(綠化) Mobility for growth 9. 重點領域九：資源及原物料回收 Waste: a resource to recycle, reuse and recover raw materials 10. 重點領域十：水資源研發 Water innovation: boosting its value for Europe 11. 重點領域十一：克服危機:人文面探討歐洲面對、克服危機之課題 Overcoming the crisis: new ideas, strategies and governance structures for Europe 12. 重點領域十二：災後回溯: 保護及防衛家園 Disaster-resilience: safeguarding and securing society, including adapting to climate change 	重點領域一	是
	重點領域二	是
	重點領域三	是
	重點領域四	是
	重點領域五	是
	重點領域六	是
	重點領域七	是
	重點領域八	是
	重點領域九	是
	重點領域十	是
	重點領域十一	是
	重點領域十二	是

肆、補助項目

本部將針對參與 H2020 計畫之實質工作內容是否具備明確的科學研究項目送請本部學術司進行審查評估，並針對所編列經費是否合理判斷核予補助經費。經費補助上限新台幣 300 萬/年，採多年期計畫辦理核定直至該 H2020 計畫結束，惟將逐年審查計畫執行績效，執行效益不彰者，本部得停止補助。本計畫補助項目同本部一般專題研究計畫，惟本計畫補助計畫主持人國合研究主持費 5000 元/月，且國外差旅費(含移地研究費)限歐盟會員國或歐洲地區因應計畫團隊指定之國家使用，另管理費上限 8%。

伍、注意事項

- 一、**有關智慧財產權**，請務必確保計畫研發成果不違反他人(國內外)之專利權、商標權、著作權等相關智慧財產權規範。如有涉及違反相關規範者，須自負所有相關法律責任。
- 二、其他未盡事宜請依[科技部相關規定](#)辦理。
- 三、申請歐盟H2020計畫等相關諮詢、疑問或需要協助等部分(例如:尋求歐洲合作夥伴等等)請洽 [國研院NCP辦公室](#) 提供協助。網址：<http://www.ncp.tw/>
- 四、聯絡人：科技部科國司湯卿嫩研究員（連絡電話：02-2737-7557）
cmtom@most.gov.tw