Supplement



Application Procedures for Grants-in-Aid for Scientific Research-KAKENHI-

FY2021

Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))

(Forms / Procedures for Preparing and Entering a Research Proposal Document)

April 1, 2021

Japan Society for the Promotion of Science (https://www.jsps.go.jp/)

Table of Contents

1. Research Proposal Document

	•
(1)	Procedures for Preparing and Entering a Research Proposal Document • • • • • • • 1
(2)	Procedures for Preparing and Entering a Research Proposal Document
	(items to be entered in the website) • • • • • • • • • • • • • • • • • • •
	The screen to be Entered by the Principal Investigator • • • • • • • • • • • • • • • • • • •
	The screen to be Entered by the Co-Investigator • • • • • • • • • • • • • • • • • • •
2. Le	tter of Intent · · · · · · · · · · · · · · · · · · ·
3. The	e Notice of Completion of Research Project (No English version available)

(URL) https://www.jsps.go.jp/j-grantsinaid/35_kokusai/04_kyoudoub/download.html

^{*} Forms for Research Proposal Document (forms to be uploaded) and Letter of Intent will be downloaded from the JSPS website (see below)

FY2021 Procedures for Preparing and Entering a Research Proposal Document for "Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))" (New Proposal)

Applicants for KAKENHI should fill in this Research Proposal Document, giving details of the research project based on the Application Procedures, and submit it to **the Independent Administrative Legal Entity Japan Society for the Promotion of Science** (hereinafter referred to as JSPS) prior to application. This Research Proposal Document is used as review material at the JSPS Scientific Research Grant Committee.

The applicant should fill in the form correctly, while taking the following points into account.

When the application is adopted as a result of the review at the Scientific Research Grant Committee, a notice concerning the provisional grant decision will be issued. By the form of the formal application for grant delivery, the submission based on the notice will be done. A KAKENHI will be disbursed if the research plan, etc. are acknowledged as appropriate.

Items to be noted

- * This Procedures for Preparing and Entering is to be used to prepare Research Proposal Document for "Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))" (hereinafter referred to as Fostering Joint International Research (B)) reviewed by the "Medium-sized Section" as "New Application".
- * When preparing the Research Proposal Document, the Principal Investigator should make the preparations with responsibility, in accordance with the rules set forth in the Application Procedures.
- * Characters and symbols in 11-point font size or larger (10-point or larger in English) should be used, considering a large number of application forms for research project will be reviewed.
- * Make sure that the title of each column is at the top of the page. Also, please do not exceed the number of pages specified for each item. As a result of filling according to the instructions of each item, blank pages may be generated but in that case, do not delete them.
- * The sentences in italics on the form should be deleted but do not delete other instructions and boxes
- * Research Proposal Document prepared in English is accepted.
- * Before submitting, be sure to check whether the contents of the Research Proposal Document converted to the PDF file are complete (missing characters, charts, garbled characters, etc.).

I. Research Proposal Document (to be entered in the website)

The following items are "to be entered in the website" of the "Research Proposal Document". When preparing their applications, Principal Investigators should access the JSPS Electronic Application System for Projects Funded by KAKENHI (hereinafter referred to as "Electronic Application System") using their ID and password for the "Cross-Ministerial Research and Development Management System (e-Rad)", which has been provided by the research institution to which they belong, and directly enter their data.

The items to be entered in the website constitute the first part ("Section desired the review", "Name of Principal Investigator (PI)" etc.) and the second part ("Research Expenditures and Their Necessity", "The Status of Application and Acquisition of Research Grants") of the Research Proposal Document (PDF file) that is prepared using the Electronic Application System.

For procedures for entering items to be entered in the website, please refer to the "FY2021 Procedures for Preparing and Entering a Research Proposal Document" (items to be entered in the website) ("Fostering Joint International Research (B)").

Items to be entered in the Website (First half)

- · New Proposal or Continued
- · Section Desired the Review
- · Name of the Principal Investigator
- Position, Academic Unit (School, Faculty, etc.), and Research Institution of the Principal Investigator
- · Title of the Research Project
- Name, Institution Name, and Position of the Overseas Joint Researcher Written in the Letter of Intent Submitted in Conjunction with the Research Proposal Document
- Site Where You Will Conduct the Research (Country, Region, Visiting schedule, etc.)
- · Request for Disclosure
- Application as an Early-Career Researcher
- · Project Members

Items to be entered in the Website (Second half)

- · Research Expenditures and Their Necessity
- The Status of Application and Acquisition of Research Grants

II. Research Proposal Document (forms to be uploaded)

The following items are contents on the "Research Proposal Document (forms to be uploaded)". They constitute the intermediate part of the Research Proposal Document (PDF file).

The Principal Investigator should download the "Research Proposal Document (forms to be uploaded)" from the JSPS website for Grants-in-Aid for Scientific Research, and fill it in. He or she should then access the "Electronic Application System", and upload the filled-in file to the "Electronic Application System". (Files above 3 MB cannot be uploaded.)

When preparing the Overall Research Plan, the instructions given below and the instructions given in each column should be observed. The margin of style is set with upper 20 mm, lower 20 mm, left 25 mm, and right 25 mm. Do not change the setting margins because there is a risk of missing characters etc. when preparing the review material.

(1) "Summary, Significance and Necessity of the Joint International Research, etc." column

In this column, write up to ten lines of a summary of the joint international research including its significance and necessity in accordance with the instruction specified in the Research Proposal Document to provide reviewers further information about research. It should be centered on Principal Investigator's visiting plan to the "overseas research institution, etc." to implement the proposed research.

(2) "Research Objectives and Research Method of the Joint International Research, etc." column

In this column, the description should be given what kind of research you plan in accordance with the instruction specified in the Research Proposal Document to be submitted this time so that the overall structure can be clarified.

(3) "Role of Overseas Joint Researchers and the state of preparation" column

Enter in accordance with the instruction specified in the Research Proposal Document. Principal Investigator should give concrete contents of his/her research plan, relate the roles to be assigned to them and obtain his/her/their full consent.

(4) "Applicant's Ability to Conduct the Research and the Research Environment" column

Enter in accordance with the instruction specified in the Research Proposal Document.

The description for the "(1) applicant's hitherto research activities" should be focused on the research activities relevant to the submitted research plan to show the feasibility of the research plan. In case the Co-Investigator involved, it should be focused on the research activities

relevant to the prospected roles in the research plan by the Co-Investigator.

The description in this column is to explain the feasibility of the research plan. On citing research achievements (research papers, books, patents, invited talks, etc.) they should be given not as an exhaustive list but as supporting evidence to prove the applicant's ability to conduct the proposed research.

Sufficient information should be given so that the reviewers can identify the research achievements. In the case of a research paper, for example, the relevant bibliographic information, including the title of the paper, the author(s), the title and the volume of the journal, the publication year, and the pages of the article should be given. The research papers that can be cited are only those already published or accepted for publication.

In case that the applicants have periods during which the researches were suspended due to acquisition of maternity leave, childcare leave, care leave and so on, they may choose to write about it in this column.

(5) "Issues Relevant to Human Right Protection and Legal Compliance" column

Please enter in accordance with the instruction specified in the Research Proposal Document. If the proposed research does not fall under such categories, enter "N/A (not applicable)".

* When entering in the column of "Research Expenditure and Their Necessity" and "The Status of Application and Acquisition of Research Grants", refer to "FY2021 Procedures for Preparing and Entering a Research Proposal Document (items to be entered in the website) ("Fostering Joint International Research (B)")".

III. Letter of Intent

For the application of Fostering Joint International Research (B), applicant should collect Letter of Intent from an overseas joint researcher in time for the application to confirm that applicant jointly conducts the research project with the overseas researcher(s) and upload the letter with the Research Proposal Document (forms to be uploaded) to the electronic application system. You can download the form (S-63-2) from JSPS website, and read carefully p.48 before filling out.

Uploaded Letter of Intent will be used in review process as a part of the Research Proposal Document.

Please inform a researcher to whom you request to write Letter of Intent the following:

Personal information of overseas Co-Investigator given in Letter of Intent and Research Proposal Document will be used for administrative tasks of KAKENHI grants; the above includes providing personal information to external contractor(s) in charge of the electronic processing and management of KAKENHI data. You can also refer to p.23, (3) Electronic Submission of the Research Proposal Document, 4), Application Procedures for Grants-in-Aid for Scientific Research.

Until the both Research Proposal Document and Letter of Intent have been uploaded, applicant cannot submit (send) them to his/her research institution.

機関番号	研究種目番号	応募区分番号	中区分	整理番号
00000	61	3	00	0000

令和3(2021)年度 国際共同研究加速基金(国際共同研究強化(B))研究計画調書

令和XX年XX月XX日 1版

新規

中区分							
研究代表者	(フリガナ)						
氏名	(漢字等)						
所属研究機関							
部局							
職							
研究課題名							
研究計画調書と ともに提出する 同意書							
Letter of Intent に記載した海外 の共同研究者の 氏名、機関名、 及び職							
研究を行う場所 (国・地域等) 及び渡航期間							
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	令和3年度						
研究経費	令和4年度						
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	令和6年度						
	令和7年度						
	令和8年度						
	総計						
開示希望の有無	審査結果の	開示を希望す	する				

	古		所属研究機関	学位	令和3年度	エフォ
	氏名(年齢)	若手 研究者 ()	所属研究機関 部局 職	学位 役割分担	令和3年度 研究経費 (千円)	- F (%)
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研究分担者	00000000 (00)					
	合計 00 名			研究経費合計		

Fostering Joint International Research (B) 1

1. Summary, Significance and Necessity of the Joint International Research, etc.

This research proposal will be reviewed in the Medium-sized Section of the applicant's choice. In filling this application form, refer to the Rules concerning the review and assessment for Grants-in-Aid for Scientific Research

In this column, the significance and necessity of joint international research should be described in 3 pages, primarily focusing on Principal Investigator's visiting plan to the "overseas research institution, etc." to implement the proposed research.

A succinct summary of the research proposal should be given at the beginning. The main text should provide a rationale of Principal Investigator's visit to the "overseas research institution, etc." to conduct joint international research in concrete and clear terms, including its significance and necessity, within the context of research trends in Japan and the world.

[SUMMARY]

[MAIN TEXT]

* Note 1:

- 1. Proposals submitted to the research category Fostering Joint International Research (B) will be reviewed in the pertaining Medium-sized Section of the Review Section Table. The proposal document should be prepared with consideration that it will be reviewed from diverse viewpoints by a review committee consisting of reviewers with different backgrounds.
- 2. Make sure that your research plan is consistent with the purpose of the research category.

* *Note 2:*

- 1. Read carefully the "Procedures for Preparing and Entering a Research Proposal Document" when preparing the document.
- 2. The document should be written with font size 10-point or larger.
- 3. The title and instructions on the upper part of each page should be left intact.
- 4. Do not exceed the maximum number of pages specified in the instructions. In case blank page(s) occur, leave them as they are (do not eliminate any page).
- 5. These notes written in italics should be deleted when filling this column.

Fostering Joint International Research (B) 2 [1. Summary, Significance and Necessity of the Joint International Research, etc. (continued from the previous page)]

Fostering Joint International Research (B) 3 [1. Summary, Significance and Necessity of the Joint International Research, etc. (continued from the previous page)]

2. Research Objectives, Research Method of the Joint International Research, etc.

In this column, research objectives, research method, etc. should be described within 3 pages. The main text should give descriptions of: (1) Background of the proposed research and scientific questions that form the core of the research plan; (2) Purpose, novelty, and originality of the research project, and; (3) Subject, method and goal of the proposed international joint research; to provide comprehensive framework.

Additionally, the detailed research plan for Japanese researchers, including their names, their visiting schedule and research contents to be conducted overseas, should be contained.

A concrete description of the role-sharing between the Principal Investigator and the Co-Investigator(s) should be given. Especially, the specific roles of early-career researcher(s) in the overseas research activity should be clarified. If postdoctoral researcher(s) and/or graduate student(s) participate as Research Collaborator(s), their specific roles in the overseas research activity should be clarified.

Fostering Joint International Research (B) 5 [2. Research Objectives, Research Method of the Joint International Research, etc. (continued from the previous page)]

Fostering Joint International Research (B) 6 [2. Research Objectives, Research Method of the Joint International Research, etc. (continued from the previous page)]

Fostering Joint International Research (B) 7

3. Role of Overseas Joint Researchers and the state of preparation

In this column, describe the following clearly and concretely within 2 pages.

- 1) The role and research content of the overseas joint researchers in the proposed project
- 2) The state of preparation with the overseas joint researchers in the run-up to implementing the international joint research
- 3) The heretofore research activities and research accomplishments (e.g. authored papers) of the overseas joint researchers

Fostering Joint International Research (B) 8 [3. Role of Overseas Joint Researchers and the state of preparation (continued from the previous page)]

4. Applicant's Ability to Conduct the Research and the Research Environment

In this column, descriptions of (1) applicant's hitherto research activities, and (2) research environments including research facilities and equipment, research materials, etc. relevant to the conduct of the proposed research should be given within 2 pages to show the feasibility of the research plan by the applicant (PI) (and Co-I(s), if any).

If the applicant has taken leave of absence from research activity for some period (e.g. due to maternity and/or child-care), he/she may choose to write about it in "(1) applicant's hitherto research activities".

Note:

- 1. The description in this column is to explain the feasibility of the research plan. On citing research achievements (research papers, books, patents, invited talks, etc.) they should be given not as an exhaustive list but as supporting evidence to prove the applicant's ability to conduct the proposed research.
- 2. Sufficient information should be given so that the reviewers can identify the research achievements.
 - In the case of a research paper, for example, the relevant bibliographic information, including the title of the paper, the author(s), the title and the volume of the journal, the publication year, and the pages of the article should be given.
- 3. The research papers that can be cited are only those already published or accepted for publication.
- 4. These notes written in italics should be deleted when filling this column.

Fostering Joint International Research (B) 10 [4. Applicant's Ability to Conduct the Research and the Research Environment (continued from the previous page)]

5. Issues Relevant to Human Right Protection and Legal Compliance

(cf. Application Procedures for Grants-in-Aid for Scientific Research)

In case the proposed research involves such issues that require obtaining consent and/or cooperation of the third party, consideration in handling of personal information, or actions related bioethics and/or biosafety (including the laws, regulations, and the guidelines in the country/region(s) where the joint international research is to be conducted), the planned measures and actions for these issues should be stated within 1 page.

This applies to research activities that would require approval by an internal or external ethical jury, such as research involving questionnaire surveys, interviews and/or behavior surveys (including personal histories and images) including personal information, handling of donated specimens, human genome analysis, recombinant DNA, and experimentation with animals.

If the proposed research does not fall under such categories, enter "N/A (not applicable)".

(金額単位:千円)

	設備備品費の明細	消耗品費の明細					
年度	品名・仕様	設置機関	数量	単価	金額	事項	金額
設備	備品費、消耗品費の必要性			•	•		

(金額単位:千円)

	国内旅費の明細	9	外国旅費の明紅	8	人件費・謝金の	明細	その他の明細		
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(1)応募中の研究費

研究者氏名					
資金制度・研究 費名(研究期間 ・配分機関等名)	研究課題名 (研究代表者氏名)	役割	令和3年度 の研究経費 (期間全体の額)	令和3年度 エフォ・ト (%)	研究内容の相違点及び他の研究費に加えて ・ 本応募研究課題に応募する理由 (科研費の研究代表者の場合は、研究期間全体の受入額)
			(千円)		
			(113)		
			(千円)		
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			(千円)		
			(千円)		

(2)受入予定の研究費

資金制度・研究 費名(研究期間 ・配分機関等名)	研究課題名 (研究代表者氏名)	役割	の基金収益	令和3年度 エフォ - ト (%)	研究内容の相違点及び他の研究費に加えて 本応募研究課題に応募する理由 (科研費の研究代表者の場合は、研究期間全体の受入額)
			(千円)		
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(2) 20	他の活動		(千円)		
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П	計		22	(%)	

FY2021 Procedures for Preparing and Entering a Research Proposal Document (items to be entered in the Website) (Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))

The confirmation of the content of the application and the preparation of the review material is based on the "Research Proposal Document", which constitutes one part of the application documents. Consequently, it is possible that the information entered in the website will have an influence on the results of the review, or it is possible that the research project will not be accepted for review, because of the content entered. Therefore, the applicant should prepare the Research Proposal Document with care.

Also, a part of content entered (title of Proposed Research Project, information of project member, effort, etc.) will be provided to the e-Rad.

Please select "application information input" of the research category for which an application is made from the "List of Research Categories for which Applications are accepted". On the screen of "application information input", if the "Japanese ► English" button at the upper left of the screen is clicked, then the explanations are translated into English.

1. New proposal or continued

"New Proposal" has been selected in advance. (The applicant cannot select "Continued".)

2. Section Desired the Review

In "Grants-in-Aid for Scientific Research-KAKENHI-, Review Section Table" (hereinafter referred to as "Review Section Table"), please enter a Medium-sized Section which you wish to be reviewed.

3. Name of the Principal Investigator

The information on Principal Investigator which has been registered in e-Rad will be automatically displayed. Principal Investigator in question should verify whether his/her name has been displayed correctly. If there is an error, please temporarily save the input data, then contact the secretariat of your research institution and follow the instructions.

4. Research Institution, Academic Unit (School, Faculty, etc.) and Position of the Principal Investigator

The information on Principal Investigator which has been registered in advance from the

research institution will be automatically displayed. Principal Investigator should verify whether the information on his/her professional affiliation has been displayed correctly at the time he or she is preparing the Research Proposal Document. If there is an error, please temporarily save the input data, then contact the secretariat of your research institution and follow the instructions.

5. Title of Research Project

In the column "Title of Proposed Research Project", the applicant should enter a title for the proposed research project in a manner that the title specifically expresses the content of the research until the time of the completion of the research period. (The applicant should avoid general or abstract expressions.)

If there are only double-byte characters or double-byte and single-byte characters, you can enter up to 40 letters, and if there are only one-byte characters, up to 200 letters can be entered.

The applicant should keep in mind that voiced sound symbols (*dakuten*) and semivoiced sound symbols (*handakuten*) are not counted independently as one character, but that letters of the alphabet, numbers, symbols, etc. are all counted as one character and displayed as such. The applicant should avoid the use of chemical formulas and mathematical formulas as much as possible. (Display example $Ca^{2+} \rightarrow input$ as $Ca^{2+} \rightarrow$

As a general rule, changes in the title of the research project will not be accepted.

6. Name, Institution Name, and Position of the Overseas Joint Researcher Written in the Letter of Intent Submitted in Conjunction with the Research Proposal Document

The applicant should enter the name, institution name, and position of the overseas joint researcher written in the Letter of Intent submitted in conjunction with the Research Proposal Document. It is possible to enter these in Japanese or in English. If applicants create more than one Letter of Intent, they should provide description on their overseas joint researchers in the one that will be uploaded to the electric application system. If there are only double-byte characters or double-byte and single-byte characters, you can enter up to 300 letters, and if there are only one-byte characters, up to 600 letters can be entered.

7. Site Where You Will Conduct the Research (Country, Region, visiting schedule, etc.)

The applicant should enter the site where the joint international research is to be conducted (country, region, etc.) in pursuit of the proposed research project. Please note that the research site in Japan is not required to enter. If there are multiple sites to conduct the research, please enter the main one(s). You may enter more than one main site. You should also enter the travel plans, including the tentative ones at the time of application, per countries and regions and the duration during which you will conduct the international joint research in locations in overseas. Please

make notes if scheduling has not been finalized. If there are only double-byte characters or double-byte and single-byte characters, you can enter up to 300 letters, and if there are only one-byte characters, up to 600 letters can be entered.

8. Request for disclosure

The applicant should select the appropriate item from among "Request for disclosure" or "Not Request for disclosure", for the results of the document review (first stage of the review) etc., in case his/her proposed project is not selected.

* "Disclosure" of the review results will be made only to the applicant through the electronic application system (Except for the applicant, the results cannot be viewed by anyone including the person(s) belong to the research institution).

9. About the Application as an Early-Career Researcher

At least 3 domestic researchers should be involved in the Fostering Joint International Research (B) as project members including at least one early-career researcher (*) (Desirable number of researchers is 5).

In case the early-career researcher applies as a Principal investigator, his/her project is eligible even when it is conducted by 1 or 2 early-career researchers.

- * < Application Requirements of Early-Career Researcher >
- (1) An applicant who is less than 8 years after the acquisition of his/her Ph.D. as of April 1, 2021.
- (2) An applicant who is deemed less than 8 years after acquisition of his/her Ph.D. by exempting as of April 1, 2021 (*) the period(s) of childcare leave etc. (prenatal/postpartum break, childcare leave).
 - (*) Calculate the sum total of the leave periods, round up the total period to the year unit and then subtract it from the number of years after Ph.D. acquisition (Example: If the applicant has taken 6-month childcare leave three times, the years to be subtracted will be 2 (1 year and 6 months → 2 years))
- (3) An applicant who does not carry a degree, and is 39 years of age or under, as of April 1, 2021.

An applicant who is an early-career researcher and apply as Principal Investigator should check the box "I will apply as an Early-Career Researcher." and select one of the application requirement that suits your status from (1) to (3). The requirement of your choice is automatically confirmed on the electronic application system citing the date that you were awarded Ph.D. and your date of birth provided to the e-Rad

system (The Cross-Ministerial Research and Development Management System.)

10. Project Members List

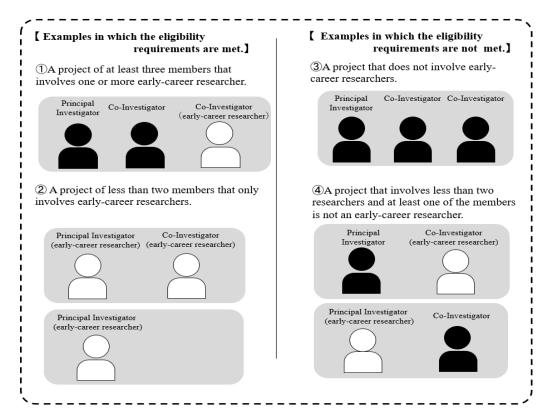
Concerning the planned research of "Fostering Joint International Research (B)", it is possible to involve the "Co-Investigator" and the "Research Collaborator" in the research. For the definitions of "Principal Investigator", "Co-Investigator", "Research Collaborator", please refer Application Procedures for Grants-in-Aid for Scientific Research.

In addition, the applicant should fill in the column "Project Members List" while keeping in mind the following points.

(1) Organization of Project Members

In principle, at least three researchers should be involved in a project as members in the role as a Principal Investigator or a Co-Investigator. At the same time, at least one of the members must be an early-career researcher. (Please refer to "9. About the Application as an Early-Career Researcher "for the requirements of early-career researcher.)

Note that a project whose members are less than two is eligible to apply if all of the members are early-career researchers and take the role as a Principal Investigator or a Co-Investigator.



- (2) Project Members Input (Principal Investigator)
 - In the column "Distinction", it will be automatically displayed as "Principal Investigator".

- In the column "Researcher Number", "Name (Pronunciation in katakana and Kanji etc)", "Age (as of April 1, 2021)", and "Research Institution, Academic Unit (School, Faculty, etc.), Position" of the Principal Investigator, the information on the Principal Investigator which has been registered in e-Rad will be automatically displayed. Principal Investigator should verify whether the information has been displayed correctly.
- In the column "Academic Degree", Principal Investigator should fill in his/her academic degree. Enter the last educational status only.
- In the column "Role in This Project", the Principal Investigator should fill in, how the Principal Investigator and the Co-Investigator(s) will cooperate to carry out the research, in a way that clarifies the respective connections between the researchers, and highlighting the allotment of research tasks in the research implementation plan FY2021. Principal Investigator should also enter those information of Co-Investigator.
- In the column "Research Expenditure for FY2020", the share of the grant to the Principal Investigator and the Co-Investigator(s) should be entered in units of thousand yen, based on the research plan. Principal Investigator should also enter those information of Co-Investigator.

The total amount of all the shares of the grant to each researcher should correspond to "Research Expenditure for FY2021 (Thousand Yen)" displayed in the screen. If it does not correspond, "error" is displayed on the confirmation screen after entering.

• In the column "Effort", the Principal Investigator should enter the time allocation rate (an integral number between 1 and 100), assuming that the research project for which the current application is being made would be adopted.

When determining the time allocation rate, the Principal Investigator should determine it keeping in mind the definition of "effort" by the Council for Science and Technology Policy. This definition is "the percentage of time allocation (%) necessary for the implementation of the research in question, if the entire yearly working time of the researcher is set at 100%". Moreover, the "entire working time" does not mean time spent only on research activities, but entire actual working time, including time spent on educational activities and other activities. Moreover, when the research project for which the current application is being made is adopted, the Principal Investigator will be requested to confirm the effort anew at that time and to perform the procedure of formal application for grant delivery. If the effort is changed at that time, it is necessary to correct the effort in e-Rad before formal application for grant delivery.

(3) Project Members Input (Co-Investigator)

· Concerning the entry column for the Project Members List (Co-Investigator), when

pressing the button "Add" on the left side of the entry screen one time for every member of the project, the edit box in which the data need to be entered is displayed.

The Principal Investigator should delete edit boxes for data entry that are not being used (when he or she entered data but finally does not use them, or when he or she did not enter data at all), by pressing the button "Delete" on the left side.

The column "Number of Project Members", displayed on the lowermost part of the screen is displayed automatically, according to the number of edit boxes for data entry.

If the number in the column "Number of Project Members" and the total number of persons for whom data have actually been entered do not correspond, "error" is displayed on the confirmation screen, the data have been entered. Therefore, the applicant should always delete edit boxes for data in which no data has been entered.

- In the column "Distinction", it will be automatically displayed as "Co-I(s)".
- In the column "Researcher Number", "Name (Pronunciation in katakana and Kanji etc)", "Age (as of April 1, 2021)", and "Research Institution, Academic Unit (School, Faculty, etc.), Position" of the Co-Investigator, enter the researcher number of the Co-Investigator and click on the [Search] button, his/her information will be displayed, and click [OK] button. Since the Co-Investigator may belong to more than one research institution, please ask the Co-Investigator at first to confirm which affiliation he/she wishes to list for the application.
- In the columns "Academic Degree" and "Effort", the contents which the Co-Investigator entered in the consent process of Co-Investigator will be displayed.
- In the columns "Role in This Project" and "Research Expenditure for FY2021", the Principal Investigator should enter the contents. (Pease refer to the column "(2) Project Members Input (Principal Investigator)" for the entry method).

[About the Consent Process of Co-Investigator]

- The consent both from Co-Investigator him/herself and his/her research institution should be given on the electronic application system to list him/her on the project members as a Co-Investigator.
- To make a request for Co-Investigators, check the checkbox at "Request" in the "Status of Consent" row and save it temporarily. The researcher registered in the field is provisionally requested to participate in the research project as a Co-Investigator. Check the checkbox again to confirm that you want to request him/her to participate in the research project. (In addition, please contact him/her that you had made the Co-Investigator request on the system.)
- When the consent both from Co-Investigator him/herself and his/her research institution have been given, the "Status of Consent" will be changed to "Obtained the consent from the Co-Investigator" and "Obtained the consent from the institution".

- You cannot request the researcher to become a Co-Investigator whose status of consent is "Dissented by the Co-Investigator" or "Dissented by the Institution". Press [Delete] button on the left hand side of that column and delete the frame into which the data is being entered.
- When you request the researchers to become a Co-Investigator, your official request should be based on the high probability in obtaining the consent from the Co-Investigator-to-be after surely confirming the following items with the researchers.
 - ① For this research project, the Co-Investigator has to bear responsibility for the implementation of the research project in cooperation with the Principal Investigator.
 - ② As well as the Co-Investigator understand and comply with both the KAKENHI supplementary conditions (funding conditions) and the terms stipulated in the (a), (b), and (c) below, and to receive a share of KAKENHI from the Principal Investigator and use it properly.
 - (a) The Co-Investigator has to recognize that citizens have placed trust in scientific research and that the KAKENHI are funded with their tax, and you therefore have to use the KAKENHI in a proper and efficient way and refrain from committing research misconduct during my research.
 - (b) The Co-Investigator has to fulfil the requirement for the research ethics education coursework either by reading a textbook such as "For the Sound Development of Science The Attitude of a Conscientious Scientist –" ("For the Sound Development of Science" Editorial Committee on JSPS), by taking an e-Learning course such as the "e-Learning Course on Research Ethics [eL CoRE] or "APRIN e-learning program (CITI Japan)", or by participating in the research ethics education course conducted at his/her institution based on the "Guidelines for Responding to Misconduct in Research" (Adopted August 26, 2014 by MEXT), prior to the formal application for grant delivery (or, in case the grant has already been delivered, by the time the "application for approval of change for the Co-Investigator" is submitted by the Principal Investigator to JSPS).
 - (c) The Co-Investigator has to understand thoroughly and confirm on what the researchers should consider,in conducting of their researches, from amongst the contents of both the statement "Code of Conduct for Scientists -Revised Version-" by the Science Council of Japan and the booklet "For the Sound

Development of Science -The Attitude of a Conscientious Scientist-" by JSPS, by the time of the formal application for grant delivery of the concerned research project. (Or, by the time when the "application for approval of change of the Co-Investigator" is to be submitted to JSPS by the Principal Investigator, in case the official grant decision thereof has been already made.)* Refer to the KAKENHI (Grants-in-Aid for Scientific Research) Electronic Application System

Operation Manual (URL: https://www-shinsei.jsps.go.jp/kaken/topkakenhi/shinsei ka.html) for the detailed information on the consent process of the Co-Investigator such as operating environment, operating method, and so on.

(4) An overseas joint researcher who conducts a joint international research is a "Research Collaborators". While you don't need to enter the names of overseas joint researchers' institutions, you should mention about them to present a comprehensive and overall picture of your research project in "Research Objectives and Research Method of the Joint International Research, etc." column. In addition, the role of each joint researcher should be specified in "Role of Overseas Joint Researchers and the state of preparation" column.

11. Research Expenditure and Their Necessity

In this column, details of research expenditure, their necessity and the basis of their estimation should be given in connection with the "Research Proposal Document (forms to be uploaded)". In that case, please pay attention to "Target expenditure (direct expense)" and "Ineligible expenditure" described below. In addition, record the necessary costs of visits and research plans to be carried out by Principal Investigator and other investigators of the Japanese team for the research proposed in this research category. Also, please be aware that research plan with research expenditure less than 100,000 yen in any year of the research period will not be eligible for call for proposal.

"Target expenditure (direct expense)"

The expenditure necessary for the implementation of the research plan (including the budget necessary for summarizing the research achievements) is eligible.

"Ineligible expenditure"

The following expenditures are not included in the funding:

- ① Expenditure for buildings and other facilities (excluding the expenditure for installations which became necessary because of the introduction of goods that have been purchased by means of direct expense)
- ② Expenditure for handling accidents or disasters that occurred during the implementation of funded project
- ③ Personnel cost/Honoraria for the Principal Investigator or Co-Investigator(s)
- 4 Other expenditure which fall under indirect expense*
- * Indirect expense is expenditure necessary for the management of the research

institution and other things that arise during the implementation of the research project (corresponding with 30% of the amount of the direct expense). The expenditure is used by the research institution. This time, it is scheduled to set up indirect expense for the research categories for which a call for proposals is organized. However, the Principal Investigator does not need to state that indirect expense in the Research Proposal Document.

Research expenditure and usage breakdown are automatically calculated from the details of each expense. In the detail column of each expenditure, the data input column is displayed by pushing the necessary number of "Add" button on the left side of the input screen. For data entry fields that you do not use (if you have entered but do not use it or if you did not enter at all), please delete the data entry field by pressing the "Delete" button on the left side. Please enter the amount in thousand yen units and round off fractions smaller than one thousand yen. After completing all the details of each expense, please click the recalculate button. And the output in PDF will be the upper limit to 2 pages.

Please note the following points when entering details of each expense. However, the way to journalize each expense should be handled in accordance with such as the accounting rules of the research institutions to which you belong including but not limited to the following examples.

Equipment Costs

When purchasing a large number of books and materials, please input to some extent, such as the contents of the books and materials, as "Western medieval political history related books" (As for the books, the same way to journalize should be applied even if they were not handled as equipment.). Also, in the case of machinery and equipment, simply enter a set of $\circ \circ \circ$ as well as its breakdown.

Consumables Expenses

Please enter for each product name such as chemicals, laboratory animals, glassware, etc.

• Necessity of the Equipment Costs and the Consumables Expenses

Please enter the necessity and the basis of the estimation of equipment cost and consumables expenses you entered. In any fiscal year of this research, if the "equipment costs" exceeds 90% of the total research expenditure and there is expenditure which accounts for a particularly large proportion in "consumables expenses", you must enter the necessity of the expenditure to carry out the research. In addition, in such cases as equipment were purchased by the combined use from the grants, enter into the column of unit price the amount using for this concerned research project

together with mentioning to the effect that this is the combined use.

Domestic and Overseas Travel Expenses

As for the domestic and overseas travel expenses for Principal Investigator, Co-Investigator(s), , and Research Collaborators (data collection, various investigations, meetings of research, announcement of results of research, etc.), please enter the expenditures (transportation fee, accommodation fee, daily allowance) etc. for each matter.

Personnel Cost / Honoraria

Please enter the expenditures for each matter such as honoraria, compensation, wages and salaries to Research Collaborator(s) (postdoctoral researchers, research assistants (RA), researchers belonging to overseas research institutions, and others) who engaged in organizing materials, assisting in experiments, performing translation or proofreading, providing technical knowledge, distributing and collecting questionnaires and collecting information materials for research), and payment to temporary staff agencies. In addition, enter the status at the time of collaboration (such as project assistant professor, postdoctoral fellow, student in Doctoral course/Master's course) of the people to whom the personnel cost or honoraria to be paid if it is obvious.

(Example) Organizing materials: [breakdown: X (number of students in Doctoral courses) × Y (number of months)] = XXXX yen. (Refer to the Application Procedures for Grants-in-Aid for Scientific Research.)

Miscellaneous Expenses

Except for equipment cost, consumables expenses, travel expenses, personnel cost/honoraria, please enter the expenditures to carry out the research (e.g. the costs for printing, photocopying, developing/printing, correspondence (stamps and phone calls), transport, renting or leasing the research facilities (only where the grant-aided project cannot be conducted in the facilities of the research institution), meetings (rental of the venue and meals (excluding alcohol)), equipment rental (e.g. computers, automobiles, experimental equipment), equipment repairs, transportation other than travel expenses, presentation of the research achievements (fees for contributing to the publications of academic societies, website creation, and preparation of pamphlets to publicize the research achievements, costs of PR activities disseminating research achievements to the general public, and other matters), experiment waste disposal cost, the cost of "buyout", *i.e.* someone taking over a part of the duties (other than research) of the Principal Investigator or Co-Investigator(s). (Refer to the Application Procedures for Grants-in-Aid for Scientific Research)) item by item.

O Necessity of Travel Expenses, Personnel Cost / Honoraria, and Miscellaneous Expenses Please enter the necessity and the basis of the estimation of travel expenses, personnel cost / honoraria, and miscellaneous expenses you entered. In any fiscal year of this research, if the "travel expenses" and / or "personnel cost / honoraria" exceeds 90% of the total research expenses and there is expenses which accounts for a particularly large proportion in "miscellaneous expenses", you must enter the necessity of the expenditure to carry out the research.

12. The Status of Application and Acquisition of Research Grants

The entries in this column will be referred to by the review committee in order to ensure that the grant status would not constitute a case of "unreasonable duplication and/or excessive concentration in the grant allocation" so that the proposed research project can be duly carried out in parallel with other projects. List, at the time of submission of this KAKENHI application by Principal Investigator, please input (1) research grant application(s) in the review process, (2) research grant(s) adopted and to be delivered, and (3) other activities.

- Please enter this research project to be entered at the head of "(1) research grant application(s) in the review process".
- Please enter not only KAKENHI but also other Competitive Research Funds including those offered by overseas organizations in "(1) research grant application(s) in the review process" and "(2) research grant(s) adopted and to be delivered".
- There is no need to enter the fundamental research grants that are allocated so that research activities etc. can carry out as duties within their research institution in "(1) research grant application(s) in the review process" or "(2) research grant(s) adopted and to be delivered". The effort of the research activities that utilize such grants is included in "(3) other activities".
- If the applicant is a Research Fellowship for Young Scientists (SPD/PD/RPD/CPD) and applied for a Grant-in-Aid for JSPS Fellows in FY2021, please enter it in "(1) research grant application(s) in the review process". If the applicant is a Research Fellowship for Young Scientists (SPD/PD/RPD/CPD) and plan to receive a Grant-in-Aid for JSPS Fellows in FY2021, please enter it in "(2) research grant(s) adopted and to be delivered". Moreover, please do not enter the Grant-in-Aid that is paid monthly by JSPS (research implementation costs).

In the detail column of "(1) research grant application(s) in the review process" and "(2) research grant(s) adopted and to be delivered", the data input column is displayed by pushing the necessary number of "Add" button on the left side of the input screen. For data entry fields that you do not use (if you have entered but do not use it or if you did not enter at all), please delete the data entry field by pressing the "Delete" button on the left side.

o "Role in this Project"

Please select "PI" if the role of the researcher is a Principal Investigator or select "Co-I" if the role of the researcher is a Co-Investigator.

o "Funding Scheme, Grant Category (Funding Organization)"

In case of KAKENHI, please select the research category. For cases other than KAKENHI, please select "Other" and enter the name of the research grant and the name of the funding organization in the lower row.

o "Research Period"

Please enter the research period.

o "Title of Proposed Research Project"

Please enter the title of proposed research project.

o "Name of Principal Investigator"

If applicant select "Co-I" in the column of Role in the Project, please enter the name of the Principal Investigator (or equivalent) of the research subject.

 "Research Expenditure for FY2021 (Research Expenditure for the whole period) (Unit: thousand yen)"

Enter the amount of direct expense of research expenditure to be received and used by himself / herself in FY2021 (items under application is the applied amount) in the upper row, and at the same time enter the total amount (planned amount) to be used by himself / herself during the whole period in the lower row.

If applicant select "Co-I" in the column of Role in the Project, please enter the amount of contribution (planned amount) to be received and used by himself / herself in FY2021 in the upper row, and at the same time enter the total amount of contribution (planned amount) to be used by himself / herself during the whole period in the lower row. (Please enter "0" if contributions are not distributed in the upper row.

o "Effort Percentage in FY2021 (%)"

Based on 100% of the total working hours for "(1) research grant application(s) in the review process", (2) research grant(s) adopted and to be delivered" and "(3) other activities" to be entered in this column, please enter the allocation rate (%) of the time required for conducting activities etc. The "total working hours" does not mean time spent only on research activities, but entire

actual working time, including time spent on educational activities and other activities.

In KAKENHI, please enter "-" (hyphen) if applicant enter a research category (such as Specially Promoted Research) that can be duplicated but not adopted in duplicate.

In addition, when conducting research by the Competitive Research Funds please be sure to enter the effort related to the research activity. When the research project for which the current application is being made is selected, the applicant will be requested to confirm the effort anew at that time and to perform the procedure of formal application for grant delivery. If the effort is changed at that time, it is necessary to correct the effort it e-Rad before formal application for grant delivery.

 "Distinction of the research contents and reason for submission of this KAKENHI application in addition to the other projects"

Please explicitly enter the items focusing on the research grant application(s) in the review process or research grant(s) adopted and to be delivered, distinction of the research contents, and reason for submission of this KAKENHI application in addition to the other projects of the research project.

If applicant is a Principal Investigator of KAKENHI, please enter the total amount of direct expense for the whole research period including the shared amount to the Co-Investigators in this column.

Management of Research Proposal Document (Items to be entered in the Website) (Screenshot)



Application Information Input (Items to be entered in the Website) (Screenshot) ①

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Application Information Input (Items to be entered in the Website) (Screenshot)

[Project Members List (Principal Investigator and Co-Investigator)]

- At least 3 domestic researchers should be involved in the Fostering Joint International Research (B) as project members including at least one early career researcher (Desirable number of researchers is 5). In case the early-career researcher applies as a Principal investigator, his/her project is eligible even when it is conducted by 1 or 2 early-career researchers.

 Click [Add] button if you add Co-Investigator(s) (Co-I(s)).

- Note: Olick [Add] on the left-hand side of the window to insert additional Project Members List fields. Olick Delete on the left-hand side of each field to delete unused fields (if any field is not used or no longer required).

 Enter the researcher number of the Co-Irwestigator and click on the [Search] button, his/her information will be displayed, and click [OK] button. Since the Co-Investigator may belong to more than one research institution, please ask the Co-Investigator at first to confirm which affiliation he/she wishes to
- consent both from Co-Investigator him/herself and his/her research institution should be given on the electronic application system to list him/h on the project members as a Co-Investigator.
- on the project members as a Co-Investigator, check the checkbox at "Request" in the "Status of Consent" row and save it temporarily. The researcher registered in the field is provisionally requested to participate in the research project as a Co-Investigator. Check the checkbox again to confirm that you want to request him/her to participate in the research project. (In addition, please contact him/her that you had made the Co-Investigator request on the system.)

 Once the consent by each Co- investigator is obtained, the term "Return Back" will be displayed in the Status of Consent column of the Co-Investigator, the status goes back to the status of "The consent from Co-Investigator has not yet been confirmed" and the Co-Investigator is able to correct the input information such as efforts again. Should the registered contents by the Co-Investigators be corrected, please make sure to check. (And also always inform the Co-Investigator that the "Return Back" has been commanded.)

 If you want to update the affiliation information of Co-Investigator, click [Search] button of Co-Investigators Researcher Number, confirm the displayed his/her information, and then click [OK] button.Note that the status of consent from Co-Investigators once again.

 Regardless the entry of the consent from the Co-Investigator (including the research institutions to which the Co-Investigator belongs), pressing the [Delete] button enables to delete the frame for the data input. Please take note that you have to follow the same procedure from the beginning, in case you request the identical researcher, whose status of consent is "Dissented by the Co-Investigator" or "Dissented by the Institution", as a Co-Investigator to the project members. Press [Delete] button on the left hand side of that column and delete the frame into which the data is being entered.

[When you request the researchers to become a Co-investigator]
When you request the researchers to become a Co-investigator, your official request should be based on the high probability in obtaining the consent from the Co-Investigator-to-be after surely confirming the following items with the researchers.

The operation of the research project, the Co-Investigator has to bear responsibility for the implementation of the research project in cooperation with the Principal

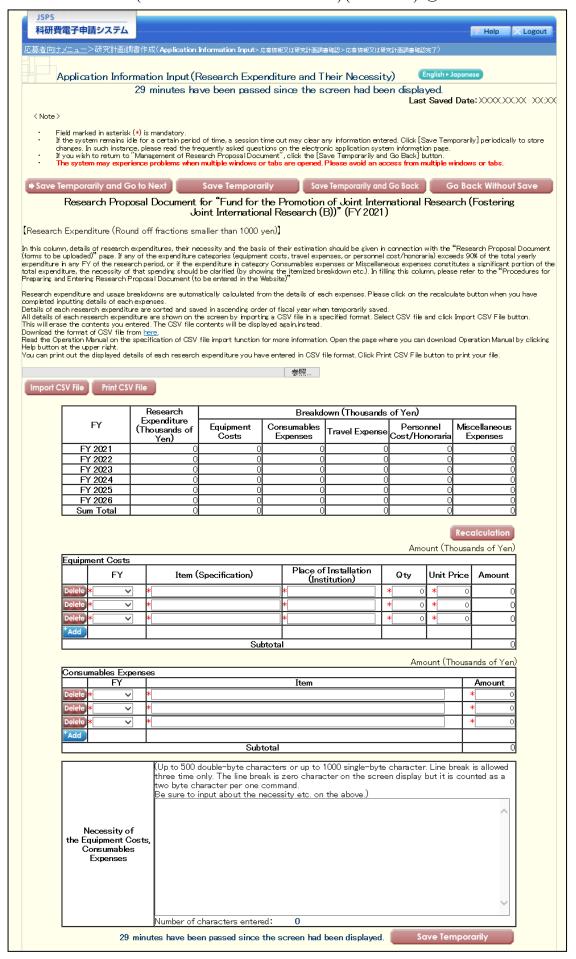
②As well as the Co-Investigator understand and comply with both the KAKENHI supplementary conditions (funding conditions) and the terms stipulated in the (a), (b) and (c) below, and to receive a share of KAKENHI from the Principal Investigator and use it properly.

- (a)The Co-Investigator has to recognize that citizens have placed trust in scientific research and that KAKENHI are funded with their tax, and you
- (a)The Co-Investigator has to recognize that citizens have placed trust in scientific research and that KAKENHI are funded with their tax, and you therefore have to use KAKENHI in a proper and efficient way and refrain from committing research misconduct during my research. (b) The Co-Investigator has to fulfill the requirement for the research ethics education coursework either by reading a textbook such as "For the Sound Development of Science The Attitude of a Conscientious Scientist "("For the Sound Development of Science Editorial Committee on JSPS), by taking an e-Learning course such as the "e-Learning Course on Research Ethics [e.L. CoRE] or "APRIN e-learning program (eAPRIN)", or by participating in the research ethics education course conducted at his/her institution based on the "Guidelines for Responding to Misconduct in Research ("Adopted August 26, 2014 by the MEXT), prior to the formal application for grant delivery (or, in case the grant has already been delivered, by the time the "application for proval of change for the Co-Investigator" is submitted by the Principal Investigator to JSPS).

 (c) The Co-Investigator has to understand thoroughly and confirm on what the researchers should consider, in conducting of their researches, from amongst the contents of both the statement "Code of Conduct for Scientists Revised Version-" by the Science Council of Japan and the booklet "For the Sound Development of Science The Attitude of a Conscientious Scientists" by the JSPS, by the time of the formal application for grant delivery of the concerned research project. (Or, by the time when the "application for approval of change of the Co-Investigator" is to be submitted to the JSPS by the Principal Investigator, in case the official grant decision thereof has been already made.)

	Status of Con sent	Distinction	Name (Age)	Research Institutio n Academic Unit (Sc hool, Faculty, etc.) Position	1 Academic Degree 2 Role in This Project	Research Expend iture for FY 2021 (Thousand Yen)	Effort(%)
			(Researcher Number) 99999999	AAA大学			
		研究代表者 (Principal Investigator)		AA学部	1.*	*	*
		(Tribipat 2 Woodiga cory	(Kanji etc) 代表 一郎 (Age) 60 Years Old	教授	2.*		
Delete		* [研究分担者(Co-I(s)) ∨]	*(Researcher Number) Search (Pronunciation in katakana)		1. 2*	*	
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			(Kanji etc) 分担 二郎	教授			
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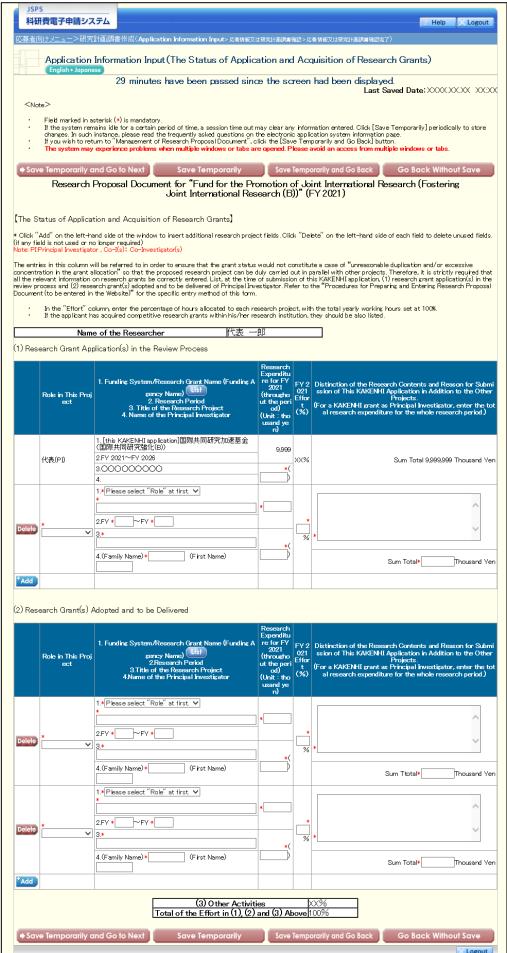
Application Information Input (Research Expenditure and Their Necessity) (Items to be entered in the Website) (Screenshot) ①



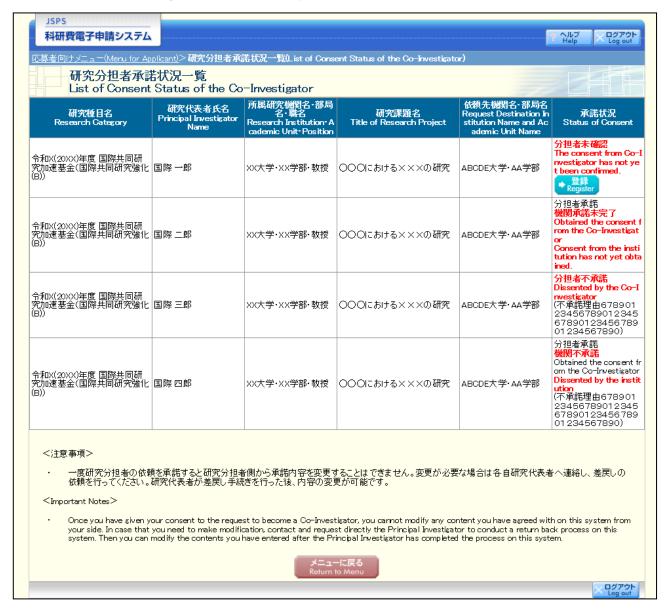
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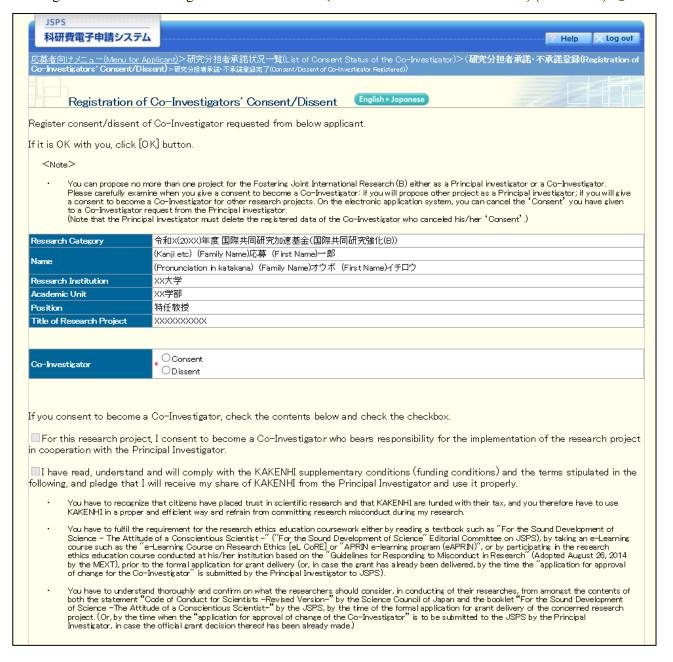
Application Information Input (The Status of Application and Acquisition of Research Grants)
(Items to be entered in the Website) (Screenshot)



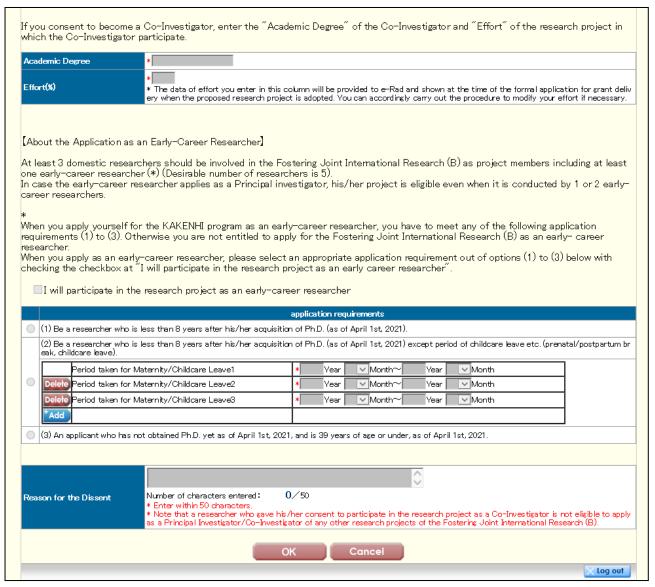
List of Consent Request of the Co-Investigator (Items to be entered in the Website) (Screenshot)



Registration of Co-Investigators' Consent/Dissent (Items to be entered in the Website) (Screenshot) ①



Registration of Co-Investigators' Consent/Dissent (Items to be entered in the Website) (Screenshot) 2



Registration of Co-Investigators' Consent/Dissent (Items to be entered in the Website) (Screenshot) 3



Form S-63-2 (The Japanese text is followed by English translation in this form.) 様式 S-6 3 -2 (この様式は英語と日本語を併記しています。)

Letter of Intent

I hereby agree to be a collaborator in the following research proposal to be applied to the Fund for the Promotion of Joint International Research (Fostering Joint International Research (B)) of KAKENHI (Grants-in-Aid for Scientific Research), provided it is adopted and I give my consent to the use of this letter as a material for the review in accordance with "Application Procedures for Grants-in-Aid for Scientific Research - KAKENHI – (Fund for the Promotion of Joint International Research (Fostering Joint International Research (B))) for FY2021."

科学研究費 国際共同研究加速基金 (国際共同研究強化 (B)) に応募される下記の研究計画が採択された場合、共同研究者となることを承諾するとともに、本書面が「令和3 (2021)年度科学研究費助成事業-科研費-公募要領 (国際共同研究加速基金 (国際共同研究強化 (B)))」に基づき審査資料として使用されることに同意します。

Title of Research Project:	
研究課題名:	
Principal Investigator (name, affiliation and position):	
研究代表者(氏名・所属・職):	

Outline of the Research Project (including the role of each international collaborator):

[研究計画の概要(海外の共同研究者の役割を含む)]

<留意事項>

- 作成に当たっては、作成上の注意を必ず確認すること。
- ・海外の共同研究者に対して研究計画の内容や役割分担等を具体的に提示し、明確に同意を得ること。
- ・「研究課題名」「研究代表者(氏名・所属・職)」「研究計画の概要」欄は、研究代表者が作成して海外の共同研究者に送付すること。
- ・2頁目の署名欄及び日付欄は、必ず海外の共同研究者が自筆で記入すること。
- ・本留意事項(斜体の文章)は、作成時には削除すること。

Form S-63-2 (The Japanese text is followed by English translation in this form.) 様式 $S-6$ 3 $-$ 2 (この様式は英語と日本語を併記しています。)	* Please prepare within 2 pages. ※ 2ページ以内で作成ください。
Name of Signee:	
Research Institution:	
Position:	
Signature: Date:	
<u> </u>	

Form S-63-2 [Must read before filling out the form]

Principal Investigator should obtain the consent from the joint researcher in overseas who conducts research collaboratively with him/her (hereinafter referred to as "overseas joint researcher") and is able to bear responsibility for the research plan before submitting the form with the Research Proposal Document in order to apply for the "Fund for the Promotion of Joint International Research (Fostering Joint International Research (B)).

[Notice]

- Please be sure to convert the form to PDF and upload it to the electronic application system.
 Until the form has been uploaded, applicant cannot submit (send) them to his/her research institution.
- 2. The form must be created in two pages. In case the second page is generated blank, make sure not to delete it. You can upload a file that contains exactly two pages. (note: one, three or more pages are not acceptable.)
- 3. The sentences in italics on the form should be deleted but do not delete other instructions.
- 4. Please make sure to create the corresponding number of copies of the form if you are planning to conduct several joint research projects in overseas and work with several joint overseas researchers from whom you need to obtain their consent. Note that applicants are requested to upload just one copy from the main project.
- 5. You may receive it over an electronic file other than on paper. Please save the information on the related correspondences including email messages. (Note that applicants are requested to upload the letter of intent only.)

[Items to be entered]

1. Principal Investigator should enter the information given in the Research Plan into the "Title of Research Project" and "Principal Investigator (name, affiliation and position)" columns along with the translated texts written in the language the overseas joint researchers who work collaboratively with him/her can read and understand.

- 2. Principal Investigator should enter to the "Summary of the Research" column in the language his/her overseas joint researchers can read and fully understand. It is advised to put down with the Japanese or English as well when writing in a language other than English.
- 3. Principal Investigator should give the information about his/her overseas joint researchers in the "Name of Signee", "Research Institution" and "Position" columns. Please make sure to enter the information on the principle investigator in case you work with a group of researchers.
- 4. Overseas joint researchers should confirm the contents of "Outline of the Research Project" column and give his/her signature to the "Signature" and "Date" columns.