

Purpose of the Research

The applicant shall indicate the general nature of the research and the specific purpose of the research, after succinctly summarizing it and providing an outline at the beginning, and with the existing academic literature referred to where necessary. In particular, details shall be given clearly with a focus on the following points. [Refer to the rules concerning the screening and assessment for Grants-in-Aid for Scientific Research. (cf. Application Procedures for Grants-in-Aid for Scientific Research)]

- 1) Scientific background for the research (e.g. domestic and overseas trends related to the research and positioning of the research; how the applicant has reached the concept based on his or her achievements in earlier research work; and details of achievements of earlier research work where the purpose of this project is to attain a greater level of knowledge in a similar area)
- 2) What will be elucidated and to what extent will it be pursued during the research period
- 3) Scientific characteristics, originality and expected results and significance of the research in the area

Purpose of the Research (Outline) * Concerning the Purpose of the Research Project, the applicant should succinctly summarize and describe in detail.

Purpose of the Research (continued)

Research Plan and Method

The applicant should provide details of the research plan and the methods for achieving the objectives of the research, after succinctly summarizing it and providing an outline at the beginning. The plan should be divided into one for FY2016 and one for from FY2017 on. The literature should be referred to as needed. The plan and methods should indicate achievements through a discussion from different angles, such as the action in the event that the research does not progress as originally planned. In addition, the following points should be highlighted:

- 1) Regions and countries where surveys are conducted, and travel routes
- 2) Where the research plan is being implemented by a group, indicate the specific roles of the Principal Investigator and the Co-investigator(s) (*kenkyu-buntansha*) of the research team (using figures, tables and other visual aids). Include the necessity and rationality of the project members, and the relationship to the purpose of the research from a scientific viewpoint.

In addition, in order to clearly indicate the general view of the research team, state the roles of Co-Investigators (*renkei-kenkyusha*) and Research Collaborators [overseas co-researchers, company-employed researchers not eligible to apply for KAKENHI, other persons offering research support, such as technical experts and intellectual property specialists, graduate students and others (the names and the number of members may be stated)] as needed.

Moreover, if the research environment changes significantly halfway through the research period, due to personnel changes, retirements, etc., the applicant should also describe the way how the location of the implementation of the research is secured, research implementation methods, etc.

Research Plan and Method (Outline) * Concerning the Research Plan and Method to accomplish the Purpose of the Research, the applicant should succinctly summarize and describe in detail.

Research Plan and Method (continued)

Research Plan and Method (continued)

State of Preparations for the Research Plan and Methods to Disseminate the Research Results to Society and Citizens

The following points should be highlighted and stated in a clear and specific manner:

- 1) The current state of research environment, such as research facilities, equipment and materials that are to be used in conducting the research
- 2) The state of preparation for starting the research, such as coordination and contact with project members, in case there are Co-Investigators (*kenkyu-buntansha*) (This should also be stated as appropriate in the case that there are Co-Investigators (*renkei-kenkyusha*) and/or Research Collaborators.)
- 3) How the research achievements are disseminated to society and members of the public

Entries in the Case of Application for a Grant for the Final Year of a Research Plan

[It is essential that this is filled in by the relevant applicants. (cf. Application Procedures for Grants-in-Aid for Scientific Research)]

The applicant should indicate the initial research plan of a continued research project having FY2016 as the final year in which the applicant participates as the Principal Investigator. The applicant should also state new findings in the research and other research achievements and reasons why the applicant restructures the research plan in the light of developments in the research in question, and applies for the research this time (e.g., the degree to which the research has been developed and a justification of the cost). (Do not include the research achievements of the continued research project stated here in *Research funding received and achievements* on Scientific Research A/B (Overseas) - 11.)

Research Category	Project Number	Title of Research Project	Research Period
			From FY____ to FY2016

Initial Research Plan and Research Achievements

Reasons for Application

Scientific Research A/B (Overseas) - 7

Duplicate Applications

Be sure to fill in the following where applicable. (cf. Application Procedures for Grants-in-Aid for Scientific Research)

This and the following pages should be filled out if (1) the same researcher is applying as a Principal Investigator for grants for two new research projects within the same fiscal year that differ in research purpose or research plan/method and come under the screening categories of "General" and "Overseas Academic Research" respectively, or if (2) a researcher engaged in a continuing research project under the screening category "General" applies for a grant for a new project under the screening category "Overseas Academic Research."

Leave these pages blank if not applicable; that is, if you are not applying for a new project under the screening category "General" or not engaged in a continuing project under the screening category "General."

Screening Division: General		Research Category Division	A/B/C		
Research Project					
Research Period	From FY ____ to FY ____				
	FY2016	FY2017	FY2018	FY2019	FY2020
Budget Applied for, For a New Research Project	000 yen	000 yen	000 yen	000 yen	000 yen
Breakdown for a Continued Research Project	000 yen	000 yen	000 yen	000 yen	
Project Members (Principal Investigator and Co-Investigator(s) (<i>kenkyu-buntansha</i>))					
Name (Age)	Institution, Academic Unit, Position	Field of Specialization	Academic Degree	Role (Shared responsibility shared in the research implementation plan)	Budget for FY2016
Research Purpose and Outline					

Duplicate Applications (continued)

Differences in Details of Research between Screening Division: “General” and “Overseas Academic Research”

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Reasons Why the Same Researcher Applies for Grants for the Categories “General” and “Overseas Academic Research” as a Principal Investigator

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Research Achievements

The applicant should fill in the important **research papers/articles, books, industrial property rights and invited lectures** the Principal Investigator and Co-Investigator(s) (*kenkyū-buntansha*) presented up to the present relating to the research in the sequence of publication from new to old with serial numbers assigned. Lines should be drawn between groups of research papers and others published in the same calendar year to separate them. (The lines can be moved.) Forthcoming research papers/articles in academic journals may be included, only if they have been accepted for publication.

In addition, if the need arises, it is also possible to fill in the recent research activities of the Co-Investigators (*renkei-kenkyusha*). If the recent research activities are filled in, double lines should be drawn to distinguish between them. (The double lines can be moved.) They should be filled in per researcher in the sequence of publication from new to old. (It is not necessary to draw lines between every year.)

Moreover, enter research achievements focusing primarily on achievements from 2011 onward. It is also acceptable to enter research paper or other achievement (up to ten items), which are closely related to the current research, or which are key ones that you published up to the present, even if they were published before 2011.

- 1) For published research papers/articles, state the title, the names of authors, name of the journal, referee reading (or not), volume, page numbers of the initial and final pages and the year of publication.
- 2) The abovementioned sequence of such items is not compulsory as long as all of the items are included. If there are many authors, only include several authors omitting others (if any authors' names are omitted, state the number of the authors and the order on the author list for the related researchers). The Principal Investigator should be marked with a double underline, Co-Investigator(s) (*kenkyu-buntansha*) with a single underline, and the Co-Investigator(s) (*renkei-kenkyusha*) with a dotted underline.

2015 onward

2014

2013

Recent Research Activities (continued)

2012

2011

before 2010

Research Funding Received and Achievements

State the achievements of funded research that is being effectively used for planning the current research from the grants that the Principal Investigator / Co-Investigator (*kenkyu-buntansha*) has received (including KAKENHI, research funding delivered by the research institution to which the researcher belongs, research funding by any ministry/office, local public organization, research promotion corporation, private corporation, including the current funding). Classify the achievements into KAKENHI and others. The following should be taken into account.

- 1) For each research funding, clearly state research category (name of funding system for others than KAKENHI), period (fiscal year), title of the research project, whether a researcher is the Principal Investigator or a Co-Investigator (*kenkyu-buntansha*), and eligible costs (direct cost) and describe the research achievements and interim and post-fact assessment results (to be made by the related funding organization). (If there are research progress assessment results for KAKENHI in FY2014 or in FY2015, they should be described in the section “Connection between the Research Plan and the Research Project which received a Research Progress Assessment” on Scientific Research A/B (Overseas) - 12.)
- 2) The applicant should describe them and make a distinction by drawing a line between KAKENHI and other research funding.

Connection between the Research Plan and the Research Project which received a Research Progress Assessment

- If the Principal Investigator of the current application received a research progress assessment in FY2014 or in FY2015, as a Principal Investigator of “Specially Promoted Research”, “Scientific Research (S)”, “Grant-in-Aid for Young Scientists (S)” or “Grant-in-Aid for Creative Scientific Research”, he or she should describe it in this section.
- The researcher should describe the connection between the research plan and the research project which received a research progress assessment in this section (e.g. what kind of connection is there, how the researcher will advance the research which received a research progress assessment in concrete terms, etc.).

Protection of Human Rights and Compliance with Laws and Regulations

[It is essential that the relevant applicants fill in this section. (cf. Application Procedures for Grants-in-Aid for Scientific Research)]

Describe the measures and actions that you will take if your research involves compliance with the related laws and regulations (e.g. research requiring the consent and the cooperation of the other party, research requiring consideration for the handling of personal information and research requiring efforts regarding bioethics and safety measures when implementing the research plan). This applies to surveys, research, experiments which require an approval procedure in an ethics committee inside and outside the research institution, such as for example questionnaire surveys and interview surveys in which personal information is involved, the use of provided samples, analysis study of the human genome, recombinant DNA experiments, experiments on animals, etc. Please indicate where this is not applicable.

Rationality and Justification of the Research Costs

The applicant should explain the rationality, necessity and grounds for calculating the research costs to be stated on the following page and thereafter, based on the scale and organization of the research given in *Research Plan and Methods*. Indicate the necessity of the cost (e.g. breakdown) if, in case of research plans where in any of the fiscal years any of the costs like “equipment”, “travel expenses” or “personnel expenditure and remuneration” exceeds 90%, or in the case of research plans with a budget in which expense items under “Miscellaneous” account for a particularly large percentage of the budget in any single fiscal year.

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(Unit: thousands of yen)

Statement of Costs for Equipment See Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Scientific Research (A/B) (Overseas Academic Research)"			Statement of Costs for Consumables See Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Scientific Research (A/B) (Overseas Academic Research)"	
FY	Item and Specifications (Unit price × qty) (institute where equipment is installed)	Amount	Item	Amount
2016				

Application for Research Funding, Current State of Funding and Effort

Since examiners will refer to the information stated here in the collegial screening when they discuss whether a research project will be able to be sufficiently implemented without causing unreasonable duplication or excessive concentration of research funding. It is necessary that the applicant correctly states the budget for the proposed research project that he or she receives and uses. The applicant should take into consideration the following points and enter (1) the research funding applied for, (2) the research funding to be provided and (3) other activities at the time of application by the Principal Investigator. Distinguish between sources of research funding by drawing a line, if there is more than one. For the exact method for filling in the necessary data, the applicant should verify Procedures for Preparing and Entering a Proposal for Grant-in-Aid for “Scientific Research (A/B) (Overseas Academic Research)”.

- 1) Fill in *Effort* with a percentage of allocation time (%) necessary for implementation of the research provided that the entire yearly working time is set at 100%.
- 2) State the title of the research project at the beginning of *Research funding applied for*.
- 3) In the case of a KAKENHI for “Scientific Research on Innovative Areas (Research in a proposed research area)”, the applicant should state whether it is “planned research” or “invited research”.
- 4) Include research funding to be competitively delivered by the research institution to which a researcher belongs.

(1) Research Funding Applied for

Funding system and name of the research funding (research period and name of the funding organization)	Title of the research project (name of the Principal Investigator)	Role (Principal Investigator or Co-Investigator (<i>kenkyu-buntansha</i>))	Research cost for FY2016 (throughout the period) (Unit: Thousands of yen)	Effort (%)	Differences in details of research and reasons for additional application for a grant for the current research project (In the case of a Principal Investigator of a KAKENHI, the amount to receive for the whole research period)
Research project for which a grant is applied Scientific Research () (Overseas Academic Research) (2016-)		Principal Investigator	()		(total budget in thousands of yen)

To be filled in and attached by the Principal Investigator

Application for Research Funding, Current State of Funding and Effort (continued)					
(2) Research Funding to be Provided					
Funding system and name of the research funding (research period and name of the funding organization)	Title of the research project (name of the Principal Investigator)	Role (Principal Investigator or Co-Investigator (<i>kenkyu-buntansha</i>))	Research cost for FY2016 (throughout the period) (Unit: Thousands of yen)	Effort (%)	Differences in details of research and reasons for additional application for a grant for the current research project (In the case of a Principal Investigator of a KAKENHI, the amount to receive for the whole research period)
(3) Other Activities					/
State the effort for research and educational activities that are carried out as other work than the aforesaid research activities under application or to be funded.					
Total				100	
Total of the effort in (1), (2) and (3) above				(%)	