

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 relating to the screening and evaluation 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.

Name of the research institution		Name of the Principal Investigator	
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Purpose of the Research (continued)

Research Plan and Methods

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 FY2012 and one for FY2013. 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, graduate students and others (the names and the number of members may be stated)].

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.

Name of the research institution		Name of the Principal Investigator	
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Research Plan and Methods (continued)

Research Plan and Methods (continued)

Name of the research
institution

Name of the Principal
Investigator

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. (see procedures for application)]

The applicant should indicate the initial research plan of a continued research project having FY2012 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 for the new application based on a reconstruction (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 the achievements* on Scientific Research A/B (Overseas) - 11.)

Research Category	Screening Division	Project Number	Title of Research Project	Research Period
				From FY ____ to FY2012

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. (see procedures for application)

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 or continuing project under the screening category “General.”

Screening Division: General		Research Category Division	A/B/C		
Research Project					
Research Period	From FY ___ to FY ___				
	FY2012	FY2013	FY2014	FY2015	FY2016
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 FY2012
Research Purpose and Outline					
Name of the research institution				Name of the Principal Investigator	

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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Recent Research Activities			
<p>The Principal Investigator and the Co-Investigator (<i>kenkyu-buntansha</i>) should fill in important research papers/articles, books, industrial property rights and invited lectures realized in the last 5 years 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/articles and other ones published in the same calendar year to separate them. <u>Forthcoming research papers/articles in academic journals may be included, if they have been accepted for publication.</u> Moreover, if the need arises, it is also possible to fill in the recent research activities of the Co-Investigators (<i>renkei-kenkyusha</i>). 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. <u>(It is not necessary to draw lines between every year.)</u></p>			
Year of Publication	Names of the Principal Investigator and Co-Investigator(s) (<i>kenkyu-buntansha</i>)	Title of Published Research Papers/Articles, Books, and other Publications (For published research papers/articles, state the title, the name(s) of author(s), name of the journal, referee reading, volume, number of the initial and final pages and the year of publication.) The above-mentioned sequence of such items is not compulsory as long as all of the items are included. <u>If there are many authors, only include some 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).</u> The Principal Investigator should be marked with a double underline, Co-Investigator(s) (<i>kenkyu-buntansha</i>) with a single underline, and the Co-Investigator(s) (<i>renkei-kenkyusha</i>) with a dotted underline.	
2011 onward			
2010			
2009			
2008			
2007			
Name of the Co-Investigator (<i>renkei-kenkyusha</i>) (research institution, academic unit, position)		Titles of published research papers/articles, titles of books, etc. (Please do not mention items which have been mentioned in the section above as recent research activities of the Principal Investigator or Co-Investigator(s) (<i>kenkyu-buntansha</i>))	
Name of the research institution		Name of the Principal Investigator	

Recent Research Activities (continued)		
Year of Publication	Principal Investigator/ Co-Investigator (<i>kenkyu-buntansha</i>)	Title of the Research Paper/Article, Books, and Other Publications

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 for FY2010 or in FY2011, 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.

Name of the research institution		Name of the Principal Investigator	
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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 FY2010 or in FY2011, 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. (see procedures for application)]

Describe the measures and action 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 when implementing the research plan, research requiring consideration for the handling of personal information and research requiring efforts regarding bioethics and safety measures). 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 in which personal information is involved, interview surveys, 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.

[Empty response area for Protection of Human Rights and Compliance with Laws and Regulations]

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 any fiscal year of the research project, any of the costs (equipment, travel expenses, and personnel expenditure and remuneration) exceeds 90% of the entire research funding, or if there is any other predominant cost.

[Empty response area for Rationality and Justification of the Research Costs]

Name of the research institution		Name of the Principal Investigator	
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(Unit: thousands of yen)

Statement of Costs for Equipment [See procedures for preparing and entering the proposal for grant-in-aid for Scientific Research (A/B) (Overseas).]			Statement of Costs for Consumables [See procedures for preparing and entering the proposal for grant-in-aid for Scientific Research (A/B) (Overseas).]	
FY	Item and Specifications (Unit price × qty) (institute where equipment is installed)	Amount	Item	Amount
2012				

Scientific Research A/B (Overseas) - 15

(Unit: thousands of yen)

Statement of Travel Expenses (See procedures for preparing and entering the proposal for grant-in-aid for Scientific Research (A/B) (Overseas).)

FY	Domestic travel Expenses		Overseas travel Expenses		Personnel Expenditure and Remuneration		Miscellaneous		
	Item	Amount	Item	Amount	Item	Amount	Item	Amount	
2012									
Name of the research institution						Name of the Principal Investigator			

Application for Research Funding, Current State of Funding and Effort

Since examiners will refer to the information stated here in the second screening (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 account the following: (1) research funding under application, (2) research funding to be granted and (3) other activities at the time of application by the Principal Investigator. Distinguish between sources of research funding, if there is more than one. For the exact method for filling in the necessary data, the applicant should verify the procedures for preparing and entering the proposal for grant-in-aid for Scientific Research A/B (Overseas).

- 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)” or “Scientific Research on Priority Areas”, 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 FY2012 (throughout the period) (thousands of yen)	Effort (%)	Differences in details of research and reasons for additional application for a grant for the current research project <small>(In the case of a Principal Investigator (or a researcher who receives the grant for the whole program, like, for example, the Project Leader), the amount to receive for the whole research period (or for the whole program) should be entered)</small>
Research project for which a grant is applied Scientific Research () (Overseas Academic Research) (2012-____)		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-buntan sha</i>))	Research cost for FY2012 (throughout the period) (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 (or a researcher who receives the grant for the whole program, like, for example, the Project Leader), the amount to receive for the whole research period (or for the whole program) should be entered)
(3) Other activities					/
<input type="checkbox"/> 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)					
Name of the research institution		Name of the Principal Investigator			