

**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 of 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 past research work; and details of achievements of past research work where the purpose is to attain a greater level of sophistication)
- 2) What will be elucidated and to what extent will it be pursued during the research period
- 3) Scientific characteristics, originality and expected achievements 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 FY2013 and one for FY2014. The literature should be referred to as needed. The plan and methods should indicate achievements through a discussion from multiple aspects, such as the action in the event that the research does not progress as originally planned. In addition, Specific devices for implementing the research (such as ideas for effectively advancing the research and the assistance of Research Collaborators for effectively advancing the research) should be highlighted.

**Research Plan and Methods (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

**Research Plan and Methods (continued)**

**Recent Research Activities**

The applicant should fill in his or her key research papers/articles, books, industrial property rights and invited lectures in the sequence of publication from new to old with serial numbers assigned. Forthcoming research papers/articles in academic journals may be included, if they have been accepted for publication.

**Titles of Published Research Papers/Articles, Books and Other Publications**

(For a published research papers/articles, state the title, name(s) of author(s), name of journal, referee reading (or not), volume, page numbers of the initial and final pages and year of publication.)(The aforesaid sequence of such items is not compulsory as long as all of the items are included. Only include some authors omitting the others, if there are many authors (if any authors' names are omitted, state the number of the authors and the order on the author list for the related researchers). Underline the name of the Principal Investigator.)

Name of the  
research institution

Name of the Principal  
Investigator

**Recent Research Activities (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 concrete and clear manner.
- 1) The current state of research environment, such as research facilities, equipment and materials that are used for the implementation of the research
  - 2) The state of preparation for starting the research as needed, such as coordination and contact with Research Collaborators, if applicable
  - 3) How the research achievements are disseminated to society and people

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**Originality of the Research Plan**

If applicant are or will participate in another research project, describe concretely whether the proposed project is related to the other project and, if so, how it will be implemented from an independent stance. For that purpose, describe the type of funding, whether it includes an employment relationship, the research period, theme and content, the division of labor, and other aspects of that research project. Please indicate where this is not applicable

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Name of the research institution		Name of the Principal Investigator	
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**Protection of Human Rights and Compliance with Laws and Regulations** (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 fill in 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.



**Grant-in-Aid for Research Activity Start-up - 9**

(Unit: thousands of yen)

Statement of Costs for Equipment (See Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Research Activity Start-up")			Statement of Costs for Consumables (See Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Research Activity Start-up")	
FY	Item and Specifications (Unit price × qty) (Institute where equipment is to be installed)	Amount (¥)	Item	Amount (¥)
2013				

**Statement of Costs for Travel Expenses** (See Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Research Activity Start-up")

FY	Domestic Travel Expenses		Overseas Travel Expenses		Personnel Expenditure and Remuneration		Miscellaneous	
	Item	Amount	Item	Amount	Item	Amount	Item	Amount
2013								

Name of the research institution		Name of the Principal Investigator	
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## Grant-in-Aid for Research Activity Start-up - 10

### 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 the Procedures for Preparing and Entering a Proposal for Grant-in-Aid for "Grant-in-Aid for Young Scientists (A)".

- 1) Fill in *Effort* with a percentage of time allocation (%) necessary for the implementation of the research where 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) Include research funding to be competitively provided by the research institution to which the 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> ))	Budget for FY2013 (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 <small>(In the case of a Principal Investigator of a KAKENHI (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 Grant-in-Aid for Research Activity Start-up (2013-____)		Principal Investigator	(      )		(total budget                  in thousands of yen)

### (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> ))	Budget for FY2013 (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 <small>(In the case of a Principal Investigator of a KAKENHI (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>

### (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**

(Total of the effort in (1), (2) and (3) above)

100  
(%)