

Purpose of the Research

The applicant should indicate the general nature of the research and the specific purpose of the research with a summary given at the beginning and with the literature referred to as needed. In particular, the details should be given clearly highlighting the following points. [Refer to the rules relating to the screening and evaluation 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

Name of the research
institution

Name of the Principal
Investigator

Purpose of the Research (continued)

Grant-in-Aid for Young Scientists (Start-up)-3

Research Plan and Methods

The applicant should provide details of the research plan and the methods for achieving the objectives of the research with a summary given at the beginning. The plan should be divided into one for FY2009 and one for FY2010. The literature should be referred to as needed.

The applicant should state about the progress of the research, considering it from various angles, such as the action in the event that the research does not progress as originally planned. He or she should as well describe clearly and succinctly the specific means necessary for the implementation of the research (ideas to carry on the research effectively, support from research collaborator(s) to carry on the research efficiently, etc.).

Name of the research
institution

Name of the Principal
Investigator

Research Plan and Methods (continued)

Grant-in-Aid for Young Scientists (Start-up)-5

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	
----------------------------------	--	------------------------------------	--

Grant-in-Aid for Young Scientists (Start-up)-6

Brief Background Description of Research of the Applicant

The applicant should enter his/her academic record, employment record and a summary of his/her research activities starting from the most recent and working backwards. Clearly indicate details of the research and noteworthy matters (e.g., awards).

Grant-in-Aid for Young Scientists (Start-up)-7

Current Research Environment

(The applicant should specifically and clearly describe the condition of the current research environment that will be used to implement the research, including research facilities, equipment, research material, etc.)

--

Distinctiveness of the Proposed Project for which Currently an Application is Being Made in Case the Applicant is Participating in Other Projects, etc.

(This research category aims at training researchers who are able to conduct research independently. Therefore, if there are other research projects in which the applicant is participating (or is planning to participate), he or she should enter the condition of this research project (type of research funding, presence or absence of employment relationships paid with the research funding in question, research period, research project, details of the research, the content of the roles of the participants, etc.). He or she should state whether there is a connection with the research project for which an application is currently being made, and, if there is a connection, he or she should specifically describe the research for which currently an application is being made in order to clarify whether it will be conducted independently, and from a unique point of view. Moreover, the applicant should enter "Does not apply", if there is no project, or suchlike, that falls under the abovementioned circumstances.)

--

Name of the research institution		Name of the Principal Investigator	
----------------------------------	--	------------------------------------	--

Protection of Human Rights and Compliance with Laws and Regulations

(See page 5, Application Procedure.)

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 effort 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 samples provided by patients, analysis study of 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 (technical assistant, labor cost, etc.), and suchlike) exceeds 90% of the entire research funding, or if there is any other predominant cost.

Grant-in-Aid for Young Scientists (Start-up)-9

(Unit: thousands of yen)

Statement of Costs for Equipment [See the procedures for preparing and entering the proposal for grant-in-aid for Grant-in-Aid for Young Scientists (Start-up).]			Statement of Costs for Consumables [See the procedures for preparing and entering the proposal for grant-in-aid for Grant-in-Aid for Young Scientists (Start-up).]		
FY	Item and Specifications (Unit price × qty) (Institution where equipment is to be installed)	Amount (¥)	Item	Amount (¥)	
2009					

Statement of Costs for Travel Expenses (See procedures for preparing and entering the proposal for grant-in-aid for Grant-in-Aid for Young Scientists (Start-up).)								
FY	Domestic Travel Expenses		Overseas Travel Expenses		Personnel (Technical Assistant, Labor Cost, etc.)		Miscellaneous	
	Item	Amount	Item	Amount	Item	Amount	Item	Amount
2009								

Name of the research institution		Name of the Principal Investigator	
----------------------------------	--	------------------------------------	--

Grant-in-Aid for Young Scientists (Start-up)-10

Application for Research Funding, Current State of Funding and Effort

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. 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.

- 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) State whether it is planned or invited research for Scientific Research on Priority Areas, grants-in-aid for scientific research.
- 4) Include research funding to be competitively provided by the research institution to which the researcher belongs.

(1) Research Funding Applied for

Funding system, name of research funding and research period (e.g., name of the funding institution)	Title of the research project (name of the Principal Investigator)	Role (Principal Investigator or Co-Investigator (<i>kenkyu-buntan sha</i>))	Budget for FY2009 (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
Research project for which a grant is applied Grant-in-Aid for Young Scientists (Start-up) (2009-2010)		Principal Investigator			/

(2) Research Funding to Be Provided

Funding system, name of research funding and research period (e.g., name of the funding institution)	Title of the research project (name of the Principal Investigator)	Role (Principal Investigator or Co-Investigator (<i>kenkyu-buntan sha</i>))	Budget for FY2009 (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

(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
(%)