

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) Purpose of Research (what will be elucidated and to what extent it will be pursued during the research period for which KAKENHI is applied for)
- 2) Scientific characteristics, originality and expected achievements and significance of the research in the area
- 3) Positioning of the research among related domestic and overseas research work

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

Large empty box for the outline of the purpose of the research project.

Purpose of the Research until FY2013 (Indicate the state of progress of the research and the new findings)

**Assessment of the Research up to
FY2013**

Indicate how the initially planned purposes of the research, the research plan and methods have been achieved. Also describe the actual scientific problems with implementation of the research.

Research Plan and Methods after FY2012

Indicate the research plan and methods after FY2013 in a specific and clear manner, after succinctly summarizing it and providing an outline at the beginning. The plan should be divided into one for FY2014 and one for FY2015. 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, the following points should be highlighted.

- 1) Where the research is being implemented by a research team, the specific roles (using figures, tables and other visual aids). In case the research plan is being implemented together with Co-Investigators (*kenkyu-buntansha*) of the Principal Investigator, and if cooperation with Co-Investigator(s) (*kenkyu-buntansha*) is needed, describe the necessity, validity and the connection with the purpose of the research. In order to clearly indicate the general view of the research team, state the roles of the Co-Investigators (*renkei-kenkyusha*) and Research Collaborators [e.g., 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 (names and number of members may be stated)].
- 2) If the Principal Investigator is employed in conducting other research work, or if the Principal Investigator has other research work that is not an occupational task, connection with and differences from the present research
- 3) How the research achievements are disseminated to society and people

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.

Changes from the Initial Plan

State details of the research plan and methods, equipment and major research cost when the KAKENHI was provided. State the changes and reasons where applicable.

Publication of Research Achievements

As for achievements of the research, state research papers/articles published in academic journals and other publications (authors, title, journal, presence of referee reading (or not), volume, page numbers of the initial and final pages, and year of publication) and the state of presentation at academic conferences, dissemination to society and members of the public.

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.

Statement Costs for Equipment [See Procedures for Preparing and Entering a Proposal for Grant-in-Aid (Continued)]		Statement of Costs for Consumables [See Procedures for Preparing and Entering a Proposal for Grant-in-Aid (Continued)]		
FY	Item and Specifications (Unit price × qty) (Institution where equipment is to be installed)	Amount (¥)	Item	Amount (¥)
2014				

