

1. Research Objectives and Research Method

This research category is reviewed by the Medium-sized Section of the Review Section Table. Please note that your Research Proposal Document is reviewed by review committee in a wide range of fields from a multilateral perspective.

In this column, describe the following points focused on concretely and clearly within 3 pages.

1. Objectives of this research
2. Research Method that the objective can be achieved (including each role of Researchers in Project Members List and Research Collaborators).
3. Status on the current research environment such as research facilities, equipment, research materials, etc. used to implement this research (In the case that the research environment changes greatly due to transfer or retirement during the research period, securing place and implementation method etc. should be described).

*** Note 1:**

1. *This research category calls for a challenging research with the potential of radically transforming the existing research framework and/or changing the research direction. Make sure that your research plan is consistent with the purpose of the research category.*
2. *Proposals submitted to the research category Challenging Research (Pioneering) will be reviewed in the pertaining Medium-sized Section of the Review Section Table. The proposal document should be prepared with consideration that it will be reviewed from diverse viewpoints by a review committee consisting of reviewers with different backgrounds.*
3. *In the research category Challenging Research (Pioneering), the preliminary screening will be conducted only by the “Research Proposal Document (Outline)” which is made up by adding the first half of the Research Proposal Document (items to be entered in the Website) to the form S-41-1 (“Outline of Research Proposal Document” column) (Preliminary screening will not be conducted if the number of application is small).*
4. *It is necessary to prepare the form S-41-1 (“Outline of Research Proposal Document” column) and this form separately since the form S-41-1 (“Outline of Research Proposal Document” column) is unable to be referred in the document review and the panel review. For example, the necessary figures should be drawn on each form separately since the figures on the form S-41-1 (“Outline of Research Proposal Document” column) are unable to be cited on this form.*

*** Note 2:**

1. *Read carefully the “Procedures for Preparing and Entering a Research Proposal Document” when preparing the document.*
2. *The document should be written with font size 10-point or larger.*
3. *The title and instructions on the upper part of each page should be left intact.*
4. *Do not exceed the maximum number of pages specified in the instructions. In case blank page(s) occur, leave them as they are (do not eliminate any page).*
5. *These notes written in italics should be deleted when filling this column.*

[1. Research Objectives and Research Method (continued from the previous page)]

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2. Significance as Challenging Research (Reason for applying for this research category)

This research category calls for a challenging research with the potential of radically transforming the existing research framework and/or changing the research direction.

In this column, describe the following points within 1 page.

1. Applicant's research background and history leading to the conception of this research proposal based on applicant's hitherto research activities
2. Based on the current research situation, what significance does this research concept have as a challenging research

3. Applicant's Ability to Conduct the Research

In this column, describe the concrete contents of applicant's hitherto research activities etc. within 1 page to show applicant's ability to conduct the proposed research. If necessary, applicant may include those not directly related to proposed research.

*** Note:**

- 1. The description in this column does not require you to describe the details of research achievements (research papers, books, patents, invited talks, etc.) exhaustively. On citing papers etc. as necessary, for example, in the case of an article, fill in the information such as the title of the paper, the author(s), the title and the volume of the journal, the publication year, and the pages of the article so that the reviewers can identify the paper.*
- 2. These notes written in italics should be deleted when filling this column.*

4. Issues Relevant to Human Right Protection and Legal Compliance

(cf. Application Procedures for Grants-in-Aid for Scientific Research)

In case the proposed research involves such issues that require obtaining consent and/or cooperation of the third party, consideration in handling of personal information, or actions related bioethics and/or biosafety (including the laws and regulations and the guidelines in the country/region(s) where the joint international research is to be conducted), the planned measures and actions for these issues should be stated within 1 page.

This applies to research activities that would require approval by an internal or external ethical jury, such as research involving questionnaire surveys, interviews and/or behavior surveys (including personal histories and images) including personal information, handling of donated specimens, human genome analysis, recombinant DNA, and experimentation with animals.

If the proposed research does not fall under such categories, enter "N/A (not applicable)".