**(a) Research Plan, Research Methods, etc.**

Form S-73: Research Proposal Document (Planned Research) (forms to be uploaded)

Describe the objectives and methods, etc. of the proposed research.

A succinct summary of the research proposal should be given at the beginning. The main text should give descriptions, in concrete and clear terms, of (1) scientific background for the proposed research, and the “key scientific question” comprising the core of the research plan, (2) the purpose, scientific significance, and originality of the research project, (3) applicant’s research history leading to the conception of this research proposal, domestic and overseas trends related to the proposed research and the positioning of this research in the relevant field, (4) in view of the positioning and role of this research in the research area, what, how, and to what extent it intends to clarify in order to contribute to promoting the research area and (5) preparation status towards achievement of the purpose of the research project. (within 6 pages).

If the proposed research project involves Co-Investigator(s) (Co-I(s)), a concrete description of the role-sharing between the Principal Investigator (PI) and the Co-I(s) should be given.

[SUMMARY]

**Notes to observe when preparing the Research Proposal Document (Planned Research)**

\*Delete this entire text box when completing this form.

***\* Notes 1:***

1. *Read and understand the following important notes carefully before preparing your Research Proposal Document.*

KAKENHI funding aims to promote scientific research in all fields based on original ideas of researchers. The grants provide financial support for creative and pioneering research projects that will become the foundation of social development.

In KAKENHI, research theme setting is at the applicant’s discretion. As such, KAKENHI research proposals are evaluated based not only on their scientific significance, but also on their originality and creativity. Accordingly, in the Research Proposal Document forms, applicants are required to state:

* What kind of key scientific question(s) is set against the relevant scientific background (such as research trends and new developments)?
* What are the scientific originality and creativity of the proposal?
* What was the circumstances leading to the conception of the research idea?
* What are the research trends (domestic and overseas) and the positioning of this research in the relevant field?

In the review process, research proposals will be screened either by Comprehensive Review or Two-Stage Document Review. Reviewers strive to grasp the essence of the proposed research through exchange of opinions among them, evaluate such merits as scientific significance, originality and creativity, and comprehensively place their judgments taking account of the feasibility of the research plan and the applicant’s ability to conduct research.

In applying for KAKENHI, applicants are advised to take note of the above, and to read the Application Procedures for Grants-in-Aid for Scientific Research and the explanations of review criteria and the annotations in the application form in preparing their Research Proposal Documents, so that the scientific merits and other points in the research proposal will be appropriately conveyed to the reviewers.

***\* Notes 2:***

1. *When writing the research proposal document, please make clear what kind of collaboration or linkages are planned within the relevant research area.*
2. *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.* *(cf. Application Procedures for Grants-in-Aid for Scientific Research)*

***\* Notes 3:***

1. *Read carefully the Procedures for Preparing and Entering a Research Proposal Document (Planned Research) 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).*

[MAIN TEXT]

**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 to 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).”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Researcher****(PI)** | Name |  | Date of Birth(age) | ( years old) |
| Institution, Academic Unit, Position |  | Academic Degree |  |
| Descriptions of (1) PI’s hitherto research activities, (2) PI’s research environments including research facilities and equipment, research materials, etc. relevant to the conduct of the proposed research, and (3) research environments mentioned in the (2) above surrounding whole project members should be given to show the feasibility of the research plan by the applicant (within 2 pages).If the PI has conducted any international efforts related to his/her research plan (such as his/her records of joint international research and research history in overseas institutions), they should be included as necessary in “(1) PI’s hitherto research activities”. Also, if the PI has taken leave of absence from research activity for some period, he/she may choose to write about it therein. |

**(b) Ability to Conduct the Research and the Research Environment (Principal Investigator)**

To be filled in and attached for each Principal Investigator (PI) and Co-Investigator(s) (Co-I(s))

**(1) PI’s hitherto research activities**

\*Delete this entire text box when completing this form.

***\* Notes:***

1. *The description in this column is to explain the feasibility of the research plan. On citing research achievements (research papers, books, patents, invited talks, etc.) they should be given not as an exhaustive list but as supporting evidence to prove the applicant’s ability to conduct the proposed research.*
2. *Sufficient information should be given so that the reviewers can identify the research achievements.*

*In the case of a research paper, for example, the relevant bibliographic information, including 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 should be given.*

1. *The research papers that can be cited are only those already published or accepted for publication.*
2. *In case the whole project members consists of a sole PI, no need to write in the (3) Research environments surrounding whole project members.*

**(2) PI’s research environments**

**(3) Research environments surrounding whole project members**

**(b) Ability to Conduct the Research and the Research Environment (Co-Investigator)**

To be filled in and attached for each Principal Investigator (PI) and Co-Investigator(s) (Co-I(s))

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Researcher****(Co-I)** | Name |  | Date of Birth(age) | ( years old) |
| Institution, Academic Unit, Position |  | Academic Degree |  |
| Descriptions of (1) Co-I’s hitherto research activities, and (2) Co-I’s research environments including research facilities and equipment, research materials, etc. relevant to the conduct of the proposed research should be given to show the feasibility of the research plan by the applicant (within 1 page).If the Co-I has conducted any international efforts related to his/her research plan (such as his/her records of joint international research and research history in overseas institutions), they should be included as necessary in “(1) Co-I’s hitherto research activities”. Also, if the Co-I has taken leave of absence from research activity for some period, he/she may choose to write about it therein. |

 **(1) Co-I’s hitherto research activities**

\*Delete this entire text box when completing this form.

***\* Notes:***

1. *The description in this column is to explain the feasibility of the research plan. On citing research achievements (research papers, books, patents, invited talks, etc.) they should be given not as an exhaustive list but as supporting evidence to prove the applicant’s ability to conduct the proposed research.*
2. *Sufficient information should be given so that the reviewers can identify the research achievements.*

*In the case of a research paper, for example, the relevant bibliographic information, including 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 should be given.*

1. *The research papers that can be cited are only those already published or accepted for publication.*

**(2) Co-I’s research environments**