

# Application Procedures for Grants-in-Aid for Scientific Research

FY2010

Specially Promoted Research,  
Scientific Research,  
Challenging Exploratory Research  
and  
Grant-in-Aid for Young Scientists (S/A/B)

September 1, 2009

Japan Society for the Promotion of Science  
(<http://www.jsps.go.jp/>)

# Introduction

The current round of call for proposals lists the necessary procedures and other matters for the Details of the Call for Proposals or Application of the Grants-in-Aid for Scientific Research for FY2010 “Specially Promoted Research, Scientific Research, Challenging Exploratory Research, Grant-in-Aid for Young Scientists (S/A/B)”

It consists of:

- I Outline of the Grants-in-Aid for Scientific Research**
- II Details of the Call for Proposals**
- III Instructions & Procedures for those Intending to Apply**
- IV Instructions & Procedures for those Who Have Already Been Accepted**
- V Instructions & Procedures for Staff of the Research Institution**

Among these, are listed in the “II Details of the Call for Proposals”: Eligible Candidates for the Research Categories for which a Call for Proposals is Organized; Total budget provided and Research period and other matters; and Schedule from Application to Receipt of Funding and other issues.

In addition, in “III Instructions & Procedures for those Intending to Apply”, “IV Instructions & Procedures for those Who Have Already Been Accepted” and “V Instructions & Procedures for Staff of the Research Institution” are listed: “Conditions for Applying”, “Necessary Procedures”, and other matters, for those who are eligible to apply. Individuals to whom it may concern are requested to make sure that they verify the relevant parts of the text.

Moreover, the structure of the Procedures on the call for proposals has been modified as stated above, and the major changes for FY2010 are as follows.

## <The major changes for FY2010>

- ① **Regarding the “Grant-in-Aid for Young Scientists (S/A/B)”, an “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” has been introduced. (see page 23)**

In order to expedite the transition from the Grant-in-Aid for Young Scientists to the Scientific Research Research Project, “Restrictions on Duplicate Applications” have been relaxed about the Grant-in-Aid for Young Scientists (S/A/B) “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” has been introduced.

- ② **Regarding the “Grant-in-Aid for Young Scientists (S/A/B)”, a “Restriction on the Number of Times of Receiving a Grant” has been introduced. (see page 23)**

A restriction that puts the number of times of receiving a grant through Grant-in-Aid for Young Scientists (S/A/B) to two times has been introduced. Moreover, between now and the call for proposals for FY2013, transitional measures will be established.

- ③ **A change of the name of and the eligibility requirements for “Grant-in-Aid for Young Scientists (Start-up)” has been scheduled. (see page 24)**

(Note) For details, the applicants should verify the Procedures on the call for proposals the notification of which has been scheduled in February 2010.

- ④ **The “List of Categories, Areas, Disciplines and Research Fields” has been partially changed (see page 51)**

Based on “The nature of the support to the 3 fields of life sciences in Grants-in-Aid for Scientific Research (Cancer, Genome and Cerebral) (Summary of the Council) (the Council for Science and Technology, Science Section Meeting, Grants-in-Aid for Scientific Research Examination Subsection Meeting on January 30, 2009), a deliberation has taken place in the Grants-in-Aid for Scientific Research Examination Subsection Meeting, and a partial change of the disciplines and research fields in the 3 fields of life sciences (Cancer, Genome and Cerebral) has been decided upon. The concrete details of the change are as follows.

### 1) Area “Comprehensive fields”

- The discipline “Neuroscience” has been changed into “Cerebral Neuroscience”.
- To the discipline “Cerebral Neuroscience” the Research Fields “Fusional Basic Brain Science, Fusional Brain Recording Science and Fusional Social Brain Science” have been added.
- Discipline “Oncology”, Research Field “Carcinogenesis, Tumor Biology, Tumor immunology, Tumor diagnosis, Clinical Oncology and Cancer Epidemiology and Prevention” have been added.

2) Area “New multidisciplinary fields”

- The research field of the discipline “Genome science” has been changed into “ Genome Biology、 Medical Genome Science, System Genome Science and Applied Genomics”.

⑤ **The explanation on Restrictions on Duplication has been enlarged.**

**Moreover, concerning the connection between “A Co-Investigator (*kenkyū-buntansha*) of a research project of the category Specially Promoted Research or a Principal Investigator of a research project of the category Challenging Exploratory Research” and “A Co-Investigator (*kenkyū-buntansha*) of a research project of the category Scientific Research on Innovative Areas (Research in a proposed research project)” and the part on the Field Principal Investigator (Principal Investigator of “Control group”) of “Scientific Research on Innovative Areas (Research in a proposed research area)” the handling of the “Restrictions on Duplication” have also been changed. (see page 28)**

⑥ **Upon access to the “JSPS electronic application system for projects funded by grants-in-aid for scientific research” the “Cross-ministerial Research and Development management system (e-Rad) ” should now be used. (see page 27)**

⑦ **The explanation on Proper Implementation of Competitive Funding has been enlarged. (see page 14)**

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## **References**

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Supplementary Volume

### **Application Procedures for Grants-in-Aid for Scientific Research for FY2010 (Specially Promoted Research, Scientific Research, Challenging Exploratory Research, Grant-in-Aid for Young Scientists (S/A/B)) (Application Forms and Data Entry)**

#### **1. Proposal for grant-in-aid**

##### **(1) Specially Promoted Research**

Procedures for preparing and data entry of proposal for grant-in-aid (new/continued)

##### **First Half, application information (Items to be filled in on the form on the website)**

Application information (Items to be filled in on the form on the website) (screenshot)

##### **Second Half, Files with Project Description**

Form S-1-1 (1): Proposal for grant-in-aid “Specially Promoted Research” (new / English version)

Form S-1-1 (2): Proposal for grant-in-aid “Specially Promoted Research” (new / Japanese version)

Form S-1-2: Proposal for grant-in-aid “Specially Promoted Research” (continued)

##### **(2) Research categories other than Specially Promoted Research**

##### **First Half, application information (Items to be filled in on the form on the website)**

Application information (Items to be filled in on the form on the website) (Scientific Research, Challenging Exploratory Research and Grant-in-Aid for Young Scientists (S/A/B))

Preparation and data entry of application information

Application information (Items to be filled in on the form on the website) (screenshot)

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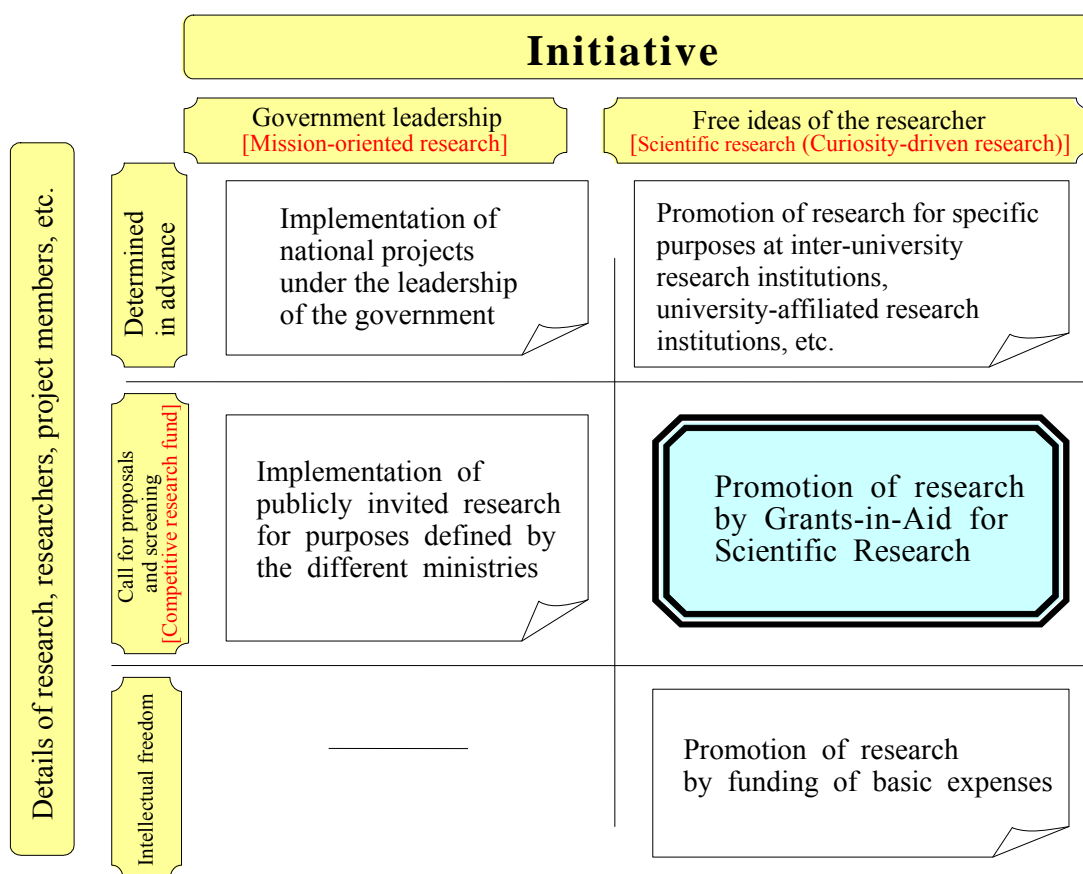
Form U-1: Notice of Completion of Project Funded with Grant-in-Aid for Scientific Research  
FY2009

# I. Outline of the Grants-in-Aid for Scientific Research

## 1. Purpose and Character of Grants-in-Aid for Scientific Research

Grants-in-Aid for Scientific Research are competitive funds that are intended to significantly develop all scientific research (research based on the free ideas of the researcher), from basic to applied research in all fields, ranging from the humanities and the social sciences to the natural sciences. The grants provide financial support for creative and pioneering research projects that will become the foundation of social development. The research projects are selected using a peer-review screening process (screening by multiple researchers whose field of specialization is close to that of the applicant).

Classification of the promotion of research and the positioning of the Grants-in-Aid for Scientific Research by the Government



❖ Grants-in-Aid for Scientific Research (197 billion yen) account for about 40% of the entire budget for competitive funding (approximately 491.3 billion yen).



Grant-in-Aid for Special Purposes	Funding of urgent and important research projects, and experimental work on research funding
Grant-in-Aid for Publication of Scientific Research Results	
Scientific Literature	Funding of Scientific Literature issued by an individual or a group of researchers to disclose scientific research achievements
Databases	Funding of databases created by an individual or a group of researchers for public availability
Grant-in-Aid for JSPS Fellows	Funding of research done by JSPS Fellows, including Foreign JSPS Fellows (for a period of up to three years)
Grant-in-Aid for Creative Scientific Research	Among research supported by Grants-in-Aid for Scientific Research and others, focus is placed on the most outstanding research field. Research projects that are especially important in promoting the research field in question are selected to promote highly creative scientific research (recommendation required; for a period of five years)

In addition to this, there are the application divisions “Publication of Scientific Research Results (B/C)” and “Scientific Periodicals” in “Grants-in-aid for the publication of Scientific Research Results”.

### **3. The Relationship between MEXT and JSPS**

The Ministry of Education (currently, the Ministry of Education, Culture, Sports, Science and Technology) publicly recruited, screened applications and delivered grants in all of the research categories up to FY1998. In FY1999 these tasks began to be transferred to the Japan Society for the Promotion of Science (JSPS). The call for proposals, screening and funding are currently being conducted as indicated below. From here on, the transfer of these tasks will proceed gradually.

<b>Research category</b>	<b>Call for proposals and screening</b> (Main body in the preparation of the procedures for lodging applications and the location where the applications should be submitted)	<b>Funding</b> (Main body handling the criteria for selection, notice of the decision, and the location where the application forms for grants and the various other necessary documents should be submitted)
Grants-in-Aid for Scientific Research, Type 1		
Scientific Research on Priority Areas, Scientific Research on Innovative Areas, Grant-in-Aid for Special Purposes, Grant-in-Aid for Publication of Scientific Research Results (Publication of Scientific Research Results (B/C))	MEXT	MEXT
Grants-in-Aid for Scientific Research, Type 2		
Specially Promoted Research Grant-in-Aid for Young Scientists (A/B)	JSPS	MEXT

Grants-in-Aid for Scientific Research, Type 3		
Scientific Research, Challenging Exploratory Research, Grant-in-Aid for Young Scientists (S/start-up), Encouragement of Scientists, Grant-in-Aid for Publication of Scientific Research Results (Scientific Periodicals, Scientific Literature and Databases), Grant-in-Aid for JSPS Fellows, Grant-in-Aid for Creative Scientific Research	JSPS	JSPS

❖ As of September 2009

#### **4. Rules Relating to Grants-in-Aid for Scientific Research**

- (1) Grants-in-Aid for Scientific Research are governed by the Law on Optimizing Implementation of Budgets Relating to Subsidies (Law No. 179, 1955), Procedures on the Handling of Grants-in-Aid for Scientific Research (Announcement of the MEXT), Grants-in-Aid for Scientific Research (Scientific Research, etc.) Management Procedures of the Japan Society for the Promotion of Science (Regulations No. 17, 2003), and Others.
- (2) There are three types of rules for Grants-in-Aid for Scientific Research, as follows:
- 1) Application rules: rules concerning the applications
  - 2) Assessment rules: rules concerning the preliminary assessment (screening), the interim assessment, the ex-post assessment, and the research project progress assessment
  - 3) Spending rules: rules concerning the use of the Grants-in-Aid for Scientific Research
- (3) These three sets of rules on Grants-in-Aid for Scientific Research apply as follows, according to the type of scientific research (being Grants-in-Aid for Scientific Research Type 1, Grants-in-Aid for Scientific Research Type 2, and Grants-in-Aid for Scientific Research Type 3):

	Application rules	Assessment rules	Spending rules
Grants-in-Aid for Scientific Research, Type 1	MEXT Procedures on the call for proposals	MEXT Rules concerning the assessment for Grants-in-Aid for Scientific Research  Screening Outline for Grants-in-Aid for Scientific Research, category “Scientific Research on Innovative Areas”	MEXT  For researchers: Supplementary conditions  For research institutions: Administrative work and other tasks concerning the use of Grants-in-Aid for Scientific Research, to be performed by each research institution
Grants-in-Aid for Scientific Research, Type 2	JSPS Procedures on the call for proposals	JSPS Rules concerning the screening and assessment	MEXT

Grants-in-Aid for Scientific Research, Type 3		for Grants-in-Aid for Scientific Research (Scientific Research, etc.)	<p style="text-align: center;">JSPS</p> <p>For researchers: Supplementary conditions</p> <p>For research institutions: Administrative work and other tasks concerning the use of Grants-in-Aid for Scientific Research, to be performed by each research institution</p>
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(4) Grants-in-Aid for Scientific Research are funded by the tax of citizens and other sources. Researchers receiving Grants-in-Aid for Scientific Research have a duty to comply with the related laws, regulations and spending rules by researchers (subsidiary conditions), and also to use such grants appropriately. To ensure recipients comply with this requirement, we check whether no inappropriate use of the grants-in-aid will be made, when an application is made.

To facilitate the appropriate use of Grants-in-Aid for Scientific Research, research institutions to which the researchers belong are responsible for the management of the grant-in-aid. The Administrative work that each research institution is required to carry out (rules for use for institutions) is determined. The applicant should fully understand prior to the application that these rules will apply after the application is approved.

(5) Important points on the use of grants-in-aid

Upon application a package plan throughout the research period should be prepared and submitted. However, after the research project is adopted, it will be handled as a project which is funded for each fiscal year during the research period in question. For example, a grant-in-aid for scientific research cannot be used to pay costs in a fiscal year which falls outside the fiscal year(s) in which the funded project should be carried out.

Moreover, when it can be expected that the funded project will remain unfinished within the fiscal year, due to reasons beyond the control of the applicant(s), which could not be foreseen at the time it was decided to grant the funding, the costs in question can be carried over to the next fiscal year, provided that a request for approval for the carry-over is submitted to the Finance Minister through the Minister of Education, Culture, Sports, Science and Technology (MEXT), and the approval from the Finance Minister is obtained.

(6) Treatment in case of infringement of related laws

When a research project has been implemented, by violating related laws, guidelines, etc., for example when the content which is entered in the application documents is false, it is possible that the provision of the grant-in-aid is not carried out or cancelled.

## **5. Guidelines on the Proper Implementation of Competitive Funding**

The “Guidelines on the Proper Implementation of Competitive Funding” (agreement of the liaison meeting of related offices and ministries on competitive funding, dated September 9, 2005) agree on the rules in the field of competitive funding on the elimination of unreasonable reduplication and excessive concentration, fraudulent receiving, of grants, fraudulent use and research-related fraudulent acts in research papers, and other matters in the related offices and ministries.

During the implementation of the competitive funding, including Grants-in-Aid for Scientific Research, these matters will be dealt with appropriately, based on these Guidelines. Therefore, the applicant should consider carefully the following points.

### (1) Eliminate Unreasonable Reduplication and Excessive Concentration

- ① In order to avoid “Unreasonable Reduplication or Excessive Concentration” (\*) of competitive funds, we may, to the extent necessary, share information on a part of the project description of the application between other divisions in charge of competitive funds, including other offices and ministries, independent administrative legal entities, etc, making use of the Cross-ministerial Research and Development management system (e-Rad).

Therefore, in the case of an application for more than one competitive funding (including in the case of an application for more than one Research Categories for Grants-in-Aid for Scientific Research), and other matters, the applicant should be careful when preparing the Proposal for Grant-in-Aid so that, for example, he or she fills in the Title of the Proposed Project in a way that makes it clear that it does not entail unreasonable reduplication.

If unreasonable reduplication or excessive concentration is found, the grant-in-aid may not be delivered.

For Grants-in-Aid for Scientific Research, JSPS has thus far sought to verify “whether applications fall under Unreasonable Reduplication or Excessive Concentration” during the screening process. However, recently the Ministry of Finance of Japan requested a change in the procedure in its “Budget Implementation Investigation FY2009”: “Thoroughgoing Effort to Limit the Receiving of Grants-in-Aid for Scientific Research for Similar Research Projects”. In the light of this, JSPS would like to draw attention to this point.

- ② Concerning the completed information on the condition of applications and receiving of other Competitive Funding and other matters, including from other offices and ministries, when preparing the Proposal for Grant-in-Aid (name of Research Funds, Title of Proposed Project, Research period, Effort, etc.), if the stated information turns out to be different from the facts, the Research Project will not be adopted, the adoption will be cancelled, or the allotted research budget will be reduced.

Moreover, concerning the “Effort”, and other matters, necessary for the activity to build a center in the program called “World Premier International Research Center Initiative”, it is necessary to fill in the Proposal for Grant-in-Aid. Therefore, when completing this document, the applicant should verify the “FY2009 Procedures for Preparing and Entering a Proposal for Grant-in-Aid”.

(2) Dealing with Fraudulent Use, Fraudulently Received Grants or Fraudulent Acts Committed During the Research

- ① No grant-in-aid will be offered, for a fixed period of time, when the researcher has made fraudulent use of a Grant-in-Aid for Scientific Research, has fraudulently received a Grant-in-Aid for Scientific Research, or has committed fraudulent acts. (For details see “(Reference 2) Procedures on the Handling of Grants-in-Aid for Scientific Research”.)

Also researchers who fraudulently use or receive competitive funds other than Grants-in-Aid for Scientific Research (including funds under the control of other ministries), or who commit fraudulent acts by means of these competitive funds, and therefore are excluded from receiving these funds in question, for a fixed period of time, will not receive grants-in-aid for scientific research for a fixed period of time.

Moreover, the researcher who falls in those categories may experience difficulties when applying for other competitive funds, since an outline of the inappropriate use of grants, the inappropriate receiving of grants and/or the inappropriate acts in question (containing an outline of the research achievements in the research institution, the names of the people involved, the institution they belong to, the research project, the budget, the fiscal year of the research, the inappropriate content, details of the measures taken, etc.) will be provided to other bodies in charge of competitive funds, starting with the other ministries, including independent administrative legal entities and other institutions allocating grants.

- ② If it has been established that fraudulent acts have taken place in a research paper, a report, or other research output funded by Grants-in-Aid for Scientific Research, the applicant may be requested to completely or partially return the provided Grant-in-Aid for Scientific Research. Concerning the Grant-in-Aid for Scientific Research in question. The severity of the fraudulent acts, the influence they have on the whole research project, and other matters, will be taken into consideration in making such an evaluation.

In addition, a person who is determined to have a certain responsibility, because, for example, he or she neglected his/her duty of care as a person in charge of the paper, report, etc. in question, will be treated in the same way as stated in the above-mentioned ①, even if it has not been established that he or she was directly involved in the fraudulent acts.



**(\*) Eliminate Unreasonable Reduplication and Excessive Concentration**

**“Guidelines on the Proper Implementation of Competitive Funding” -Extract-  
(Agreement of the Liaison Meeting of Related Offices and Ministries on Competitive Funding, Dated September 9, 2005 (Revision: March 27, 2009))**

**2. Eliminate Unreasonable Reduplication and Excessive Concentration**

**(1) Basic Policy of the Unreasonable Reduplication and Excessive Concentration**

① In these guidelines, “Unreasonable Reduplication” is a situation in which more than one competitive funding is needlessly and repeatedly allotted to one and the same research project (i.e. the title and the content of the research to which competitive funding is being allotted; the same applies below) carried out by one and the same researcher. Either of the following cases fall under “Unreasonable Reduplication”.

○Cases where applications have been made at the same time for more than one competitive funding for substantively the same research project (including research projects that overlap to a considerable degree; the same applies below), and where these research projects are redundantly adopted .

○Cases where an application has been made again for substantively the same research project as another project that has already been adopted, and for which the allotment of competitive funding has already been completed.

○Cases where there is a reduplication of the use research funds among more than one research project.

○Other cases corresponding to the cases mentioned above.

② In these guidelines, “Excessive Concentration” is a situation in which the entire research funds that are allotted to one and the same researcher or research group (hereinafter called “researcher, etc.”) in the fiscal year in question exceeds the limit within which they can be used effectively and efficiently, and in which the research funds cannot be used within the research period. Either of the following cases fall under “Excessive Concentration”.

○Cases where, in the light of the abilities of the researcher, etc. and the research methods, etc., excessive research funds are allotted.

○Cases where, in comparison with the effort (the time allocation rate (%) of time necessary for the implementation of the research activities with the entire working time of researcher) that is being allotted to the research project in question, excessive research funds are allotted.

○Cases where the purchase of unnecessarily expensive equipment is carried out.

○Other cases corresponding to the cases mentioned above.

## II. Details of the Call for Proposals

### 1. Research Categories for which a Call for Proposals is Organized

The following shows the research categories for which the Japan Society for the Promotion of Science is organizing a call for proposals:

- (1) Grants-in-Aid for Scientific Research, Type 2 (Specially Promoted Research, Grant-in-Aid for Young Scientists (A/B))
- (2) Grants-in-Aid for Scientific Research, Type 3 (Scientific Research, Challenging Exploratory Research, Grant-in-Aid for Young Scientists (S))

### 2. Schedule from Application to Receipt of Funding

- (1) Procedures that need to be completed prior to the deadline for the submission of the application documents

Principal Investigator should sufficiently cooperate with the research institution, and should adequately respond to its requests.

The Date and Time	Procedures to be Performed by the Principal Investigator (The Principal Investigator should carefully read the sections “ III Instructions & Procedures for those Intending to Apply” and “ IV Instructions & Procedures for those Who Have Already Been Accepted” for details, and should ensure he or she performs each procedure without omitting anything.)	Procedures to be Performed by the Research Institution (The Research Institution should carefully read the sections “ V Instructions & Procedures for Staff of the Research Institution” for details, and should ensure he or she performs each procedure without omitting anything.)
<p>From September 1, 2009 (Tue.) Start of the Call for Proposals</p> <p><b><u>November 10 (Tue.) 4:30 pm</u></b> <b><u>Deadline for the Submission</u></b></p>	<p>① Investigators should access the Electronic Application System using the ID and the Password of the Cross-ministerial Research and Development Management System (e-Rad) which has been provided by the research institution to which they belong and preparing the application</p> <p style="text-align: center;">↓</p> <p>② The Principal Investigator should submit (send) the application documents to the research institution he/she belongs to, by the deadline decided the research institution.</p>	<p>1) The Research Institution obtains “An Electronic Certificate for Research Institutions, an ID, or Password” of e-Rad from the person in charge of the operation of the Cross-ministerial Research and Development Management System (e-Rad) (This does not apply if the research institution already obtained them.) ※ The issue of the ID and the Password takes about 2 weeks.</p> <p>2) Registration of the Researcher Information in e-Rad and other matters</p> <p>3) Research institutions issue an “ID and password” to the Principal Investigators. (This does not apply if the researcher already obtained an ID and a password.)</p> <p>4) <u>Submission of the “Report on the Status of the Implementation of the System, Based on the Guidelines”</u></p> <p>5) <u>Submission (Sending) of the Application Documents</u></p>

Notes:

1. After the Principal Investigator submit (Sending) to the application to the research institution (mentioned in “Procedures to be Performed by the Principal Investigator” ② above), the research institution should submit (Sending) to the JSPS the application the application by the deadline for the submission (mentioned in “Procedures to be Performed by the Research Institution” 4)).

Next, he or she should verify the section “Preparing the Application and Submitting the Application” (pages 42-50), etc., as well as verify the procedures designated by the research institution, etc. (deadline for the submission of the application, etc., in the research institution), with the office worker in charge in the research institution.

2. The research institution should perform the procedures 1) to 4) mentioned in the section “Procedures to be Performed by the Research Institution” where necessary.

Moreover, when the researcher is applying for Grants-in-Aid for Scientific Research, he or she should register the researcher information beforehand in the Cross-Ministerial Research and Development Management System (e-Rad) from the research institution to which he or she belongs. The research institution should perform the registration in the Cross-Ministerial Research and Development Management System (e-Rad). Therefore, the researcher who is planning to apply should verify the state of the registration with the office worker in charge in the research institution.

Moreover, the research institution should submit a “Report on the Status of the Implementation of the System, Based on the Guidelines on the Management and Audit of Public Research Funds at Research Institutions” (section 4) in “Procedures to Be Completed by the Research Institution”). If it has not been submitted, the applications of researchers belonging to the research institution in question will not be accepted.

**(2) Schedule after the Submission of the Application Documents (plan)**

Specially Promoted Research	Scientific Research (S), Grant-in-Aid for Young Scientists (S)	Scientific Research (A/B/C), Challenging Exploratory Research, Grant-in-Aid for Young Scientists (A/B)
December 2009 to April 2010: Screening Late April 2010: Informal decision to grant the funding Middle of May: Application for funding Middle of June: Decision concerning the granting of the funding Late June: Funding provided	December 2009 to May 2010: Screening Late May 2010: Informal decision to grant the funding Middle of June: Application for funding Late June: Decision concerning the granting of the funding Early July: Funding provided	December 2009 to March 2010: Screening Early April 2010: Informal decision to grant the funding Late April: Application for funding Middle of June: Decision concerning the granting of the funding Late June: Funding provided

**3. Details of Each Research Category**

**1) Specially Promoted Research**

- A) Intended for: Research project carried out by one researcher or by a relatively small group of researchers that is likely to yield highly acclaimed research achievements through intensive funding. The goal of the funding is the increased promotion of research which is highly regarded in the international arena.

B) Total budget provided (total budget throughout the research period): There is no limit to the total budget although, as a guide, a total budget of around 500 million yen per research project may be awarded

※ **On the amount for the total budget**

**In principle, the total budget is set at approximately 500 million yen and the annual budget is set at approximately 100 million yen. However, if it is deemed necessary, the budget applied for can exceed the above-mentioned figures.**

※ **Handling of research projects with a total budget exceeding 500 million yen**

**The reason why such a budget is needed should be stated in detail in the appropriate section of the proposal for grant-in-aid. Especially rigorous screening on the appropriateness of the budget will be conducted.**

C) Research period: **Three to five years**

D) Number of research projects scheduled to be selected: **Around 10 (subject to strict selection)**

**2) Scientific Research (S)**

A) Intended for: **Research project performed by one researcher or by a relatively small group of researchers, with the purpose of achieving a major development in creative and pioneering research, based on past research achievements**

B) Total budget provided: **From 50 million yen to around 200 million yen**

C) Research period: **Five years as a general rule**

D) Important points:

- 1) The Principal Investigator cannot be changed, unless a situation arises where there is no Principal Investigator anymore.
- 2) As an exception, the research period may be set at three or four years, in case any of the researchers are expected to leave the research institution, due to reaching retirement age, or for any other reason.

**3) Scientific Research (A/B/C)**

A) Intended for: **Research project done by one or by multiple researchers, with the purpose of achieving a major development in creative and pioneering research**

B) Total budget provided: Applications are to be divided into the following three divisions, according to the total budget provided.

Division	Total budget provided	Screening division
<b>Scientific Research (A)</b>	<b>between 20 million and 50 million yen</b>	General / Overseas Academic Research
<b>Scientific Research (B)</b>	<b>between 5 million and 20 million yen</b>	General / Overseas Academic Research
<b>Scientific Research (C)</b>	<b>5 million yen or less</b>	General

C) Research period: **Three to five years**

D) Screening division: When applying, select one of the following screening divisions, because the criteria of the screening are different depending on the nature of the research project for which the applicant applies.

Screening division: “General”

The screening division accepts applications relating to **Scientific Research (A/B/C)**. It is intended for projects which will develop innovative research.

All applications should be made for this screening division, except for research projects which are classified as “Overseas Academic Research”.

Screening division: “Overseas Academic Research”

This screening division only accepts applications for **Scientific Research (A/B)**. It is intended for research projects having as their **major purpose** in terms of research subject and research methods **conducting a field survey, observation, or collecting data at a specific location overseas.**

If a field survey, or a similar survey, is not the main purpose of the project, please apply for the “General” screening division. As far as equipment is concerned, the use of grants in the “Overseas Academic Research” screening division is limited to equipment that is directly used for surveys, observation or collection of data overseas, excluding inexpensive personal computers.

#### **4) Challenging Exploratory Research**

A) Intended for: **Research at an exploratory stage, done by one or multiple researchers, that is based on a unique concept, that is challenging, and that sets an ambitious goal.**

B) Total budget provided: **5 million yen or less**

C) Research period: **One to three years**

D) Important points:

Research projects that are adopted as a new project of the category “Exploratory Research” in FY2008 will be handled as “Challenging Exploratory Research” in FY 2010.

#### **5) Grant-in-Aid for Young Scientists (S)**

A) Intended for: **A research project conducted by one researcher aged 42 or less as of April 1, 2010 (a person born on April 2, 1967, or thereafter) with an original idea that is expected to bring forth a major development in research, through his or her leadership of a team of research members(\*), based on past achievements**

(\* )A team involving Research Collaborators (young researchers, graduate students, overseas co-researchers, research assistants and others) that a Principal Investigator forms to implement a research project

Note: Please note that the number of times an applicant can receive a Grant-in-Aid for Young Scientists (S) is limited to one.

B) Total budget provided: **From 30 million yen to around 100 million yen (approx.)**

C) Research period: **Five years**

D) Number of research projects scheduled to be selected: **Around 30 (subject to strict selection)**

E) Important points:

**From the call for proposals of FY2010 on, “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” and “Restriction on the Number of Times of Receiving a Grant” has been introduced. For details see pages 23.**

#### **6) Grant-in-Aid for Young Scientists (A/B)**

A) Intended for: **A research project conducted by one researcher aged 39 or less as of April 1, 2010 (a person born on April 2, 1970, or thereafter) with an original idea that is expected to bring forth a major development in the future**

B) Total budget provided: Applications are to be divided into the following two divisions, depending on the total budget provided

Division	Total budget provided
<b>Grant-in-Aid for Young Scientists (A)</b>	<b>From 5 million yen to 30 million yen</b>
<b>Grant-in-Aid for Young Scientists (B)</b>	<b>5 million yen or less</b>

C) Research period: **Two to four years**

D) Important points:

From the call for proposals of FY2010 on, “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” and “Restriction on the Number of Times of Receiving a Grant” has been introduced. For details see pages 23.

#### **4. Changes in the “Details of Each Research Category” from the Call for Proposals FY2010 regarding**

##### **(1) About the “Grant-in-Aid for Young Scientists (S/A/B)”**

In order to make it possible that young researchers move smoothly to Scientific Research, which forms the core of the Grants-in-Aid for Scientific Research, at the earliest possible stage, and, in order to make it possible to ensure opportunities for as many young researchers as possible to receive support through Grants-in-Aid for Young Scientists, JSPS has decided to carry out the following measures for Grants-in-Aid for Young Scientists (S/A/B).

##### **① Introduction of “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan”.**

From the call for proposals of FY2010 on, it has become possible to opt for “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” for research projects in the category Grant-in-Aid for Young Scientists for which the research period is 4 years or more.

For this reason, for the call for proposals of FY2010, it is possible to do an “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” for research projects of the category “Grant-in-Aid for Young Scientists (A/B)” that have been adopted in FY2007 and of which the research period is 4 years, because FY2009 is the third year of the research period.

Moreover, please note that the research category for which new applications may be made as “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan” is only “Scientific Research”. (about the “Application for the Fiscal Year before the Final Fiscal Year of a Research Plan”, see on page 35.)

##### **② Introduction of “Restriction on the Number of Times of Receiving a Grant(\*)” and transitional measures**

From the call for proposals of FY2010 on, JSPS decided to introduce a limitation on the number of times applicants can receive grants through Grant-in-Aid for Young Scientists (S/A/B). JSPS decided that applicants can receive Grants-in-Aid for Scientific Research up to a limit of two times through Grant-in-Aid for Young Scientists (S/A/B). Concretely speaking, researchers can apply for research in one of the three research categories Grant-in-Aid for Young Scientists (S), Grant-in-Aid for Young Scientists (A), or Grant-in-Aid for Young Scientists (B), within the age limitations, and receive funding two times. However, the number of times one can receive a Grant-in-Aid for Young Scientists (S) is limited to one time only.

In addition, between now and the call for proposals of FY2013, JSPS decided to establish the following transitional measures.

- **Even if the number of times an applicant received a Grant-in-Aid for Young Scientists (S/A/B) is already more than two times, he or she can receive a grant for one of the three research categories Grant-in-Aid for Young Scientists (S), (A) or (B) one more time, if this happens within the age limitations.**

(\*)“Receiving a grant” means being selected as a Grant-in-Aid for Young Scientists (S/A/B) “Receiving a decision concerning the granting of the funding” here.

In addition, even if a research project of which the research period goes over more than one fiscal year received a decision concerning the granting of the funding, under one



and the same project number, the “Number of Times of Receiving a Grant” will be considered as “one time”.

Therefore, if, for example, researcher A conducted research from FY2003 to FY2004 with a “Grant-in-Aid for Young Scientists (B) (project number: 15\*\*\*\*\*)”, and is conducting research from FY2006 to FY2009 with a “Grant-in-Aid for Young Scientists (A) (project number: 18\*\*\*\*\*)”, the “Number of Times of Receiving a Grant” will be considered as “two times”.

Moreover, in both the following cases, the “Number of Times of Receiving a Grant” will be considered as “one time”.

- Cases where the researcher declined the application for funding in the middle of the research period, or where he or she discontinued the research, after he or she received a decision concerning the granting of the funding.
- Cases where the researcher applied during Grants-in-Aid for Scientific Research FY2006 for a “Grant-in-Aid for Special Purposes (Trial of Multiple Applications per Year)” with a research plan suitable for a “Grant-in-Aid for Young Scientists”, where that application was adopted, and where the researcher received the decision concerning the granting of the funding.

(Reference) Please note that the following cases do not contain a “Number of Times of Receiving a Grant”.

- In cases where, after the researcher received an informal decision to grant the funding for new research projects, he or she refused the application for funding, and did not receive the decision concerning the granting of the funding, there is no “Number of Times of Receiving a Grant”. (This also includes cases where the researcher declines the grant, after he or she suspended the application for funding.)
- For Continued Research Projects of the category “Grant-in-Aid for Young Scientists (B)” in FY2002 (projects that have been newly approved in FY2001 as “Encouragement of Scientists (A)” with project number “13\*\*\*\*\*)” there is no “Number of Times of Receiving a Grant”, even if the researcher would have received the decision concerning the granting of the funding.

## **(2) About the “Grant-in-Aid for Young Scientists (Start-up)”**

The Grant-in-Aid for Young Scientists (Start-up) is to provide support for individuals who are just starting (or restarting) research activity. In order to make it clear that this research category is for research projects with such a purpose, the following changes are scheduled for the call for proposals of FY2010 onwards.

- ① **Change of the name of the research category into “Support for Start of Research Activities (provisional name)”**
- ② **Change of the eligibility requirements**

Concerning the eligibility requirements, the following persons can apply:

- 1) A person who could not apply for the research category in question, because he or she became eligible to apply for a Grant-in-Aid for Scientific Research, on the day after the closing date for application (November 10, 2009), or later, of the research categories (\*1)

for which MEXT and JSPS carry out a call for proposals in September 2009.

- 2) A person who is scheduled to have become unable to apply for the research categories (\*1) for which MEXT and JSPS carry out a call for proposals in September 2009, because she obtained maternity leave before and after childbirth or child-care leave in FY2009.

For this reason, persons who were not accepted for “Grant-in-Aid for Young Scientists (Start-up)” in FY2009 cannot apply for “Support for Start-up of Research Activities (provisional name)” in FY2010.

Moreover, for details, applicants should verify the Application Procedures, the notification of which is scheduled for February 2010.

- (\*1) These research categories within the Grants-in-Aid for Scientific Research for FY2010 are: “Scientific Research on Innovative Areas”, “Scientific Research on Priority Areas”, “Grant-in-Aid for Specially Promoted Research”, “Scientific Research”, “Challenging Exploratory Research” and “Grant-in-Aid for Young Scientists (S/A/B)”.