

FY2023 Research Grant Application Guideline

1. Purpose of Research Grant

As society continues to age rapidly, it is becoming increasingly important to understand conditions such as cancer, lifestyle diseases, and psychiatric and neurological diseases, so that we can develop treatments that are more effective and have fewer side-effects while still being economically viable.

We aim to promote “research that benefits the understanding of disease conditions and development of revolutionary treatments” by providing support for “original, pioneering and groundbreaking research proposals” and “research proposals that are likely to produce clinically meaningful results”.

The past achievements of applicants do not matter. We are looking for epoch-making research ideas that will be the next science trends.

Although proposals don't have to be in specific fields, potential areas of research include the following. Selection will be conducted uniformly for all applications, and the selection will not be affected the selected research area.

(i) Basic life science research

(ii) Scientific drug discovery research and research on medicinal resources

(includes organic synthetic chemistry and natural product chemistry)

(iii) Basic research into specific disease conditions

(iv) Research that has to comply with “*Ethical Guidelines for Medical and Health Research Involving Human Subjects*” .*

*References

“*Ethical Guidelines for Medical and Health Research Involving Human Subjects*”

• For the details in Japanese, please refer to the Ministry of Health, Labor and Welfare's website:

<https://www.mhlw.go.jp/file/06-Seisakujouhou-10600000-Daijinkanboukouseikagakuka/0000166072.pdf>

• For the details in English, please refer to the Ministry of Education, Culture, Sports, Science and

Technology's website: https://www.lifescience.mext.go.jp/files/pdf/n2181_01.pdf

1. Research applicable to these Guidelines

These Guidelines shall apply to any medical and health research involving human subjects which is carried out by a Japanese research implementing entity or carried out in Japan. Of research which falls under the scope to which other guidelines are applicable, however, matters not set forth in such other guidelines shall be carried out in accordance with these Guidelines.

Besides, these Guidelines (not including Part 17 in the case of research which only uses anonymously processed information or unidentifiably-processed personal information which has already been created (limited to information used for the purpose of providing for use in academic research by a university or other academic or research-oriented institution or organization, or a person belonging thereto prescribed in the Personal Information Protection Act)) shall not apply to research which corresponds to any of the following:

(A) Research carried out pursuant to the provisions of laws and ordinances;

- (B) Research included in scope of the code of conduct set forth by laws and ordinances; or
- (C) Research utilizing only the specimens and information listed in the following:
- (i) Specimens and information, the value of which has already been established academically, widely utilized in research and generally available;
 - (ii) Information which has already been anonymized (limited to information that cannot identify a specific individual, and for which a decoding index has not been created); and
 - (iii) Anonymously processed information or unidentifiably-processed personal information which has already been created.

We are keen to support researchers who are newly proposing research based on your own idea, female researchers, researchers who have recently started your own laboratory, researchers who have recently returned from studying overseas, and researchers who have balanced the research with life events such as childbirth, childcare, caring parent(s)/parent(s)-in-law or a partner, etc. We will set a research grant frame for those who have received the Astellas Foundation for Research on Metabolic Disorders' (AFRMD) overseas study grant and will grant it to those who meet the same selection criteria as other applications.

2. Number of recipients of fiscal year 2022 Research Grant

We received 949 applications for fiscal year 2022 Research Grant (male:764, female:185). After in-depth scientific review by Selection Committee members, 80 applications (male:60, female:20) have been selected to give Research Grant of ¥2 million per application. Therefore, in total, ¥160 million has been given to the selected 80 applicants.

The results of the FY2022 selection of researchers that we especially would like to support are as follows;

	Research proposal based on your own idea	Female researchers	Started your own laboratory	Returned from studying overseas in 2 years	Balanced the research with life events*
FY2022	70%	25%	41%	30%	14%
FY2021	60%	24%	50%	44%	24%

* Childbirth, childcare, caring parent(s)/parent(s)-in-law, etc.

3. Application period

From 9 AM, April 1 to 4 PM, May 31, 2023

Many applications may come together just before the application deadline, and it may take time to apply. Applications submitted after the deadline will not be accepted, please prepare your application in well advance of the deadline.

We will set a research grant frame for those who have received the AFRMD's overseas study grant and are planning to return to Japan by December 2022, and those who have returned to Japan within two years. We will subsidize those who meet the selection criteria.

8. Duration to use Research Grant

January 2024 to December 2025

9. Selection

Recipients will be selected by the Selection Committee and finalized by the Board of Directors

10. Notify of the result

With regard to pass/fail, applicants will be notified via email during the period from the end of October to early November 2023.

11. Issuance

January 2024

12. Obligations as a Research Grant recipient

1) Submission of Financial Statement

Recipients will be required to submit a Financial Statement (January 2024 - December 2025) to AFRMD by the end of January 2026.

2) Submission of Research Report

Recipients will be required to write up the results of their research in the form of a Research Report and submit it to AFRMD by the end of January 2026. Research Reports will be published in March 2027 at AFRMD website. Please bear that date to publish in mind when writing your report.

3) Acknowledgement in scientific/medical journals or other publications

When recipients will publish results of the study which is supported by Research Grant, recipients are requested to list the name of Astellas Foundation for Research on Metabolic Disorders in the section of Acknowledgement of scientific/medical journals or other publications and submit a copy of the article or summary of the article to AFRMD. Submission of electronic version of the article to AFRMD is accepted.

4) Attendance at Research Conference

Recipients will be required to give a presentation on progress or the results of their funded research at Research Conference organized by AFRMD (scheduled for around the fall of 2025). Presentation by someone on behalf of a recipient will not be accepted.

Based on voting by Selection Committee members who attend the Research Conference, researchers who have presented outstanding research results at the Research Conference will receive the Astellas Award for Best Biomedical Research (certificate) and an additional prize of ¥1 million per person. Meanwhile, based on the same procedure, one young and promising researcher who has presented outstanding results will receive the Takenaka Young Scientist

Award (certificate) and an additional prize of ¥500,000.

Based on mutual voting by researchers who have presented the research results at Research Conference, three researchers will receive Best Presentation Certificate. It is allowed that one can obtain simultaneously all three certificates mentioned above.

13. Compliance with the Act on the Protection of Personal Information

- 1) AFRMD will only use personal information obtained in relation to the above Research Grant program for administrative purposes including the selection process, notification of pass/fail to applications, requests to recipients to prepare essays to be listed in AFRMD website or to respond to questionnaire prepared by AFRMD.
- 2) Once Research Grants have been finalized, AFRMD will publish details of recipients on its website and in other publications, including recipients' names, job titles and the nature of their research.
- 3) Any inquiries regarding personal information should be directed as follows.
Personal information officer: Yoshito Abe, Secretary General, AFRMD

14. Languages permitted on application form

Japanese or English

15. Application steps

The application steps are as follows.

- 1) Create My Page
- 2) Submit application documents through "My Page"

16. Application procedure

Application Form/English Version <Sample, For Viewing Purpose Only>

※This is a sample for viewing purpose only. For application, please download the application form from "MY PAGE".

1) Application procedure

(1) Creating "My Page"

Create your account by clicking、"[「基本情報登録 \(ID・パスワードの取得\)」](#)Registration of basic information (acquisition of ID / password)" and fill out the form. You can continue to use My Page from next year onwards.

※If you already have "My Page", please proceed to (2).

(2) Login to "My Page"

Please login to My Page using the ID and password you obtained.

Confirm your information by opening the "Confirm and Change" from My Page.

(3) Fill out the research grant application form and submit the required documents

After logging in to your account : My page, click the red button: 「応募はこちら」

under the "Information" tab and select the program, "Research Grant" or "Overseas Research Grant". Or, you can also select the program by opening the "Submit Application" tab.

Fill out the "Research Grant Application Form 「助成申請受付フォーム」", download the application format, and prepare the application documents.

(4) Submit document

Click “ 「確認する」 (Confirm) ” after filling out all the forms and uploading the required documents, then check the contents and click the “ 「応募する」 (Apply) ” button at the bottom of the page.

The contents cannot be modified after submission, so please check carefully before submission.

2) Preparation of application documents

(1) Required documents for the application

The filled-in application formats (PDF) is required documents for application.

(2) Download the format

The format is available on the application form on "My Page".

(3) Points for the preparation of application documents

(i) The Application formats

Please check the followings when filling in the application format.

- Please enter your name in the upper right corner.
- Use 11 pt. font size or more (no specified font).
- You may change the size of the designated frame, but please briefly fill in the application items from [I] to [VIII] within 4 pages. Please do not change the left and right margins as it will be printed. Applications that exceed 4 pages will not be accepted.
- Please include figures and tables such as preliminary data within the text, if necessary.
- Delete the "Notes in the frame" in the format and increase entry fields. Please delete the "Notes outside the frame" before submission.
- Please write in an easy-to-understand manner, as referees outside of your field may review your proposal.
- Graphical Abstract
 - Summarize your research concept, appeal points, and future vision in a single conceptual diagram.
 - Provide a simple conceptual diagram so that non-specialists can understand the main points easily. Please refer to the following links to create a conceptual diagram; 「Cell Press Graphical Abstract Guidelines」
(https://www.cell.com/pb/assets/raw/shared/figureguidelines/GA_guide.pdf)
f) 、 ACS Publications 「Guidelines for Table of Contents / Abstract

Graphics]

(https://pubsapp.acs.org/paragonplus/submission/toc_abstract_graphics_guidelines.pdf), Royal Society of Chemistry Guideline

(<https://www.rsc.org/journals-books-databases/author-and-reviewer-hub/authors-information/prepare-and-format/figures-graphics-images/>)

- Please use a font size of 11pt or more and keep the number of characters small. No font is specified. Japanese or English is acceptable as the language.

(ii) PDF conversion of application documents and total file size

- The completed application formats must be converted to PDF.
- Total file size of the application documents must be 3MB or less.

17. Confidentiality

All the AFRMD officers, the selection committee members, and secretariat members signed the "Pledge for Confidentiality" and obliged to retain confidential information such as contents of an application form.

18. Inquiries

Secretariat, Astellas Foundation for Research on Metabolic Disorders (AFRMD)

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