

# Astrobiology Center (National Institutes of Natural Sciences)

## Guidelines for PROJECT Research FY2023

### 1. Program Outline

Astrobiology Center of National Institutes of Natural Sciences (NINS) aims to promote interdisciplinary research, to create original and novel research, and to establish an international research hub.

ABC now calls for “PROJECT” research proposals in order to promote research and form an academic community in the interdisciplinary area of “Astrobiology” (e.g. search for extraterrestrial life, potential of the life to emerge, origins of life). Projects that can expand the field of Astrobiology and cover as broad areas as possible are anticipated.

### 2. Proposals

#### (1) Target research

Research on the life in the universe from diverse approaches. Challenging proposals from young scientists are encouraged. Please state clearly the relevance to “Astrobiology.”

#### (2) Organization

PI and Co-Investigator (hereafter Co-I: Kenkyu-Kyoryokusha) will conduct the research. Applicants do not need to include ABC Staff Scientists.

PI must be responsible for the entire research project and funds.

After the selection of the proposals, ABC of NINS will sign a contract of commissioned research with the institute (except research centers of NINS) that the PI belongs to and PI and the institute will be responsible to conduct research.

#### (3) Duration of research period

Single-year contract from April 1<sup>st</sup>, 2023 until March 31<sup>st</sup>, 2024. If you plan to continue the project for multiple years (up to 3 years longest), or if you have ongoing ABC project, please specify “continuing” or “new” research proposals. In case you would like to extend your ongoing ABC project, clearly state the reason of extension, your objectives for the concerned fiscal year, and your progress and achievement so far should be clearly shown.

#### (4) Eligibility

Researchers who belong to a research institution that can manage and control the project grant

#### (5) Amount of research fund

Up to JPY 3,000,000 per project. No additional indirect costs  
ABC accepts smaller proposals to organize workshops.

#### (6) Planned number of funded proposals

10-20 proposals depending on the budget

### 3. Expenditure

Expenditure which is necessary to implement a project (consumables, travel expenses, salaries and honorarium, miscellaneous costs (printing costs, correspondence costs, meeting costs, etc.). If a research conference is planned in the project, its organizing costs can be included in the expenditure plan. No additional indirect costs accepted.

#### (1) Direct costs

- a. Consumables: costs to purchase consumables (including equipment)
- b. Salaries and honoraria: costs to pay honoraria, rewards, salaries and remunerations to whom collaborated for research (filing, assistance of experiments, translation and proof-reading, offering of expertise, etc.)
- c. Travel expenses: domestic and overseas travel costs as well as invitation costs of PI, Co-I, and other collaborators of research
- d. Miscellaneous: necessary costs other than those in a.-c. to implement the research project (e.g. communication costs, transportation costs, meeting fees (excluding alcoholic beverages), printing fee, bookbinding costs, etc.)

#### (2) Indirect costs

The budget of this project grant cannot include indirect costs.

### 4. Application procedure

#### (1) Application forms

Project plan: online application

Detail of the project plan: upload to the online system

Please download “ABC\_project\_detail.docx” from:

<https://exoplanet.mtk.nao.ac.jp/application/>

#### (2) Submission

Please submit an application form from the online system (URL below) from December 1, 2022 to 17:00, January 11, 2023.

<https://nous.nins.jp/site/nous/>

(submission of a contact form)

Please send “ABC Kobo Kenkyu Jimu Renrakuhyo (Administrative contact Form, ABC\_renraku\_JE.docx)” to the following address from the administrative staff of your institution.

**【e-mail address】** [abc-office@abc-nins.jp](mailto:abc-office@abc-nins.jp)

### (3) Notes

- To submit a form, an account of NOUS is necessary. It will take 2-3 working days to give an account. Please apply for an account in advance before submitting an application form if you apply for the first time.
- After the submission an automatic reply mail will be sent. Please confirm it.
- The formal acceptance of the application will be completed when ABC receive both of the Project Application Form and the ABC grant Administrative Contact Form.

### 5. Screening

Decisions will be made by ABC Operation Committee in March 2023 and be notified to the applicant.

Main screening points:

1. An objective and a plan of the project is related to astrobiology.
2. The project will expand the field of Astrobiology

### 6. Report and Duty

- (1) The PI has to submit a research progress report within 30 days after the completion of the project.
- (2) The PI has to give a presentation about the results of the funded research at a meeting, which will be held at around the end of FY2023 and be notified to the applicant afterwards.
- (3) When publishing the result of the proposed research, it is necessary to acknowledge the support from ABC.

※ Example of acknowledgement

(JPN): 「本研究は、大学共同利用機関法人自然科学研究機構アストロバイオロジーセンターのプロジェクト(\*\*\*\*\*)の助成を受けたものである。」

(ENG): “This work is supported by the Astrobiology Center Program of National Institutes of Natural Sciences (NINS) (Grant Number \*\*\*\*\*)”

“\*\*\*\*\*” is the grant number and will be notified with the result.

### 7. Contact information

Please contact the address below if you have any questions.

Astrobiology Center, National Institutes of Natural Sciences

E-mail: abc-office@abc-nins.jp

Please note that the proposal has to be submitted using the **online** application form.  
 This is for your reference, only.

プロジェクト実施計画書 (入力項目)  
**PROJECT Research Proposal (Online input)**

- プロジェクト名 **Title of the project**  
 和文: (Japanese title)  
 英文: (English title)  
 キーワード: (keywords)
- 区分 **Category**  
 新規・継続 (継続の場合、開始した年度: )  
**New project / Extension (For extension, please write the beginning FY: )**
- 実施体制 (所属・職名・氏名・研究代表者の連絡先) **Organization**  
 研究代表者 **PI** (※は採択時に公表される情報です。) "※" marked items will be published when adopted

ふりがな※ <b>name in Hiragana</b>			
氏名※ <b>name</b>			
所属機関※ <b>institute</b> 所属部署※ <b>department</b>		職名※ <b>job title</b>	
T E L		F A X	
E-mail			

研究協力者 **Co-I** (NOUSシステムへのアカウント登録が必要になります。) **Registration of an account on NOUS system is necessary.**

氏名※ <b>name</b>	所属機関・部局※ <b>institute, department</b>	職名※ <b>Title</b>

- 実施場所 (研究機関名) **Place where the research will be conducted (name of institute, university)**
- プロジェクト研究経費 **Total requested budget (yen)** \_\_\_\_\_ 円 **yen**  
 (内訳) **Breakdown**

物品費 **Consumables** 円 (\*うち、設備・備品費の内容を詳細に記載すること) **Describe details of equipment's costs should.**

旅費 **Travel expenses** 円 **yen**  
 人件費・謝金 **Honoraria** 円 **yen**  
 その他 **Miscellaneous** 円 **yen**

設備・備品費の詳細 **Details of the equipment** (単位: 円) **(yen)**

品名 <b>Item</b>	仕様 <b>Specification</b>	数量 <b>Qty</b>	単価 <b>Unit price</b>	金額 <b>Amount (yen)</b>	設置場所 <b>Installation site</b>
計 <b>Total</b>					

※ 1品又は、1組若しくは1式の価格が10万円以上のもの **(100,000 yen or above per unit/set)**

6. 研究費の応募・受入等の状況 Status of application and acquisition of research grants

①応募中の研究費 Research grant application(s) in the review process

研究費名等 (研究期間・配分機関等名) Funding scheme, funding period, grant category, funding organization	研究課題名 (研究代表者氏名) Title of the project and name of the PI	役 割 (代表・ 分担の 別) Your role (PI or Co-I)	2022 年度の研 究経費 (期間全体の額) (千円) Research expenditure for FY2020 and total amount for the whole period (unit: 1000 JPY)	研究内容の相違点及び他の研究費 に加えて本プロジェクトに応募す る理由 (研究代表者等プログラム全体の研究 費の受入研究者の場合は、研究期間全 体又はプログラム全体の受入額を記 載。) Distinction of the research contents and reason for submission of this application in addition to the other projects

②受入予定の研究費 Research grant(s) adopted and to be delivered

研究費名等 (研究期間・配分機関等名) Funding scheme, funding period, grant category, funding organization	研究課題名 (研究代表者氏名) Title of the project and name of the PI	役 割 (代表・ 分担の 別) Your role (PI or Co-I)	2022 年度の研 究経費 (期間全体の額) (千円) Research expenditure for FY2020 and total amount for the whole period (unit: 1000 JPY)	研究内容の相違点及び他の研究費 に加えて本プロジェクトに応募す る理由 (研究代表者等プログラム全体の研究 費の受入研究者の場合は、研究期間全 体又はプログラム全体の受入額を記 載。) Distinction of the research contents and reason for submission of this application in addition to the other projects

\* 研究詳細は「プロジェクト研究計画詳細」へご記載のうえ、ウェブ受付システムよりアップロードしてください。Please write the details of the research in a format “Details of PROJECT Research Plan”(ABC\_project\_detail.docx).

フォームは以下よりダウンロードして下さい。The format can be downloaded from URL below:

<https://exoplanet.mtk.nao.ac.jp/application>