**FY2022 Open Call Guidelines for Joint Research, Research Seeds**

**Research Center for Global and Local Infectious Diseases, Oita University**

 Research Center for Global and Local Infectious Diseases(RCGLID), Oita University promotes educational and research activities in collaboration with universities, research institutes, and international organizations in Japan and abroad, the center is conducting research activities and medical human resource development that can confront glocal (global/local) infectious diseases beyond national and prefectural borders.

At this center, we will elucidate the microbial infections such as virology and bacteriology, analyze their genomic information, and comprehensively elucidate the pathophysiology of infections based on the findings obtained from them. We seamlessly link a series of areas from basic research to clinical practice, including drug discovery (prevention, therapeutic drug development, and clinical trials), which is one of our strengths. In addition, we will carry out comprehensive infectious disease research with an eye on global and local infectious diseases.

We are pleased to announce the following open call for applications as a joint research project of the Center.

**1.Outline for Call**

**(1) Call for Proposals**

We will accept applications in two categories: A) Joint Research and B) Research Seeds.

The applicant (Principal Investigator), in cooperation with the faculty member in charge of the Center, will conduct joint research by setting up a research proposal in accordance with the theme listed in Appendix 1.

 **A)Joint Research**

The applicant (Principal Investigator), in cooperation with the faculty member in charge of the Center, will conduct joint research by setting up a research proposal in accordance with the theme listed in Appendix 1.

In particular, the Center will provide priority support for research areas of international and academic importance that are strategically implemented by the Center.

**B)Research Seeds**

In this category, we call for proposals in which the applicant conducts research on infectious diseases based on new ideas in collaboration with the Center's faculty members, with the expectation of expanding the scope of research and promoting collaborative research.

Applicants should consult with the Center's faculty members to determine their research topics and apply.

**(2)Application Requirements**

The applicant must be a researcher of a research institution, such as a faculty member of university, or a researcher who is recognized by the director as having research ability equivalent to that of a faculty member.

We welcome applications from researchers, including young researchers, female researchers, and foreign researchers within the research organization, especially as Principal Investigators.

Graduate students are not eligible to apply. However, graduate students may be included as a member of the research team.

**(3) Research Period**

You can indicate a research plan for multiple years. However, Budget execution period is within FY2022.

The same proposal may only be funded for a maximum of three years. The selection review will be conducted annually.

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**(4)** **Determination of the amount available and allocated for each application**

A) Joint Research maximum 1,000,000JPY/FY

The Center will review the allocated amount and determine the adopted amount.

Additions to the amount allocated

If the Principal Investigator of each proposal meets the following requirements, an additional amount of up to 500,000 JPY per proposal may be allocated.

\* If you belong to an overseas institution

\*If you are 39 years old or younger as of April 1 2022.

\* For female researchers

B) Research Seeds maximum 300,000JPY/FY

\*The Center will determine the amount to be allocated based on the status of applications and screening results.

The expenses that can be applied for "travel expenses" and "research expenses".

**Funds will not be allocated directly to the Principal Investigators, and all accounting will be handled by the Center.**

**2.How to Apply**

**(1)** **Application**

The Principal Investigator should submit the application (Form 1) after sufficient discussion with the corresponding faculty member of the Center in advance, by e-mail, or other means

For submission, please send a converted PDF file as an attachment by e-mail to the following contact person.

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| --- |
| 【Contact person】Research Center for Global and Local Infectious Diseases, Oita UniversityE-mail: glocal@oita-u.ac.jpTel: +81-97-586-5444Homepage: https://www.oita-glocal.jp/ |

**(2) Deadline for application**

 May 31th, 2022 17:00(JST)

**(3) Acceptance or Rejection**

Applicants will be notified of the outcome by the end of June 2022. Name and affiliation of the principal investigator, the title of the research project, and the results of the research will be made public on the Center's website and in its annual report, etc., for the adopted research projects.

**3. Responsibilities of the Principal Investigator after Adoption**

**(1) Report of Research Results**

The Principal Investigator is required to submit the "Report on Joint Research Results" within 30 days after the end of the research period of each fiscal year. The results of this joint research may be presented at a result reporting meeting for evaluation purposes.

**(2) Publication of results**

In principle, the results of this joint research must be published in an academic paper or presented at an academic conference (with proceedings) collaborated with a faculty member of the Center. Please be sure to indicate in the Acknowledgments section that these are the results of the conducted joint research.

【English】

Example 1. This work was (partly) conducted by the joint research program of the Research Center for GLOBAL and LOCAL Infectious Diseases、 Oita University (#####)

Example 2.This work was (partly) supported by the Research Center for GLOBAL and LOCAL Infectious Diseases、 Oita University(#####)

“#” means the adoption number

Please inform us of your results by e-mail, etc., and submit one copy of the reprint (PDF is acceptable) or one copy of the poster to us: glocal@oita-u.ac.jp

The submitted reports and papers will be published in the Center's activity reports, annual reports, and the Center’s website, etc. In addition, we plan to publicize outstanding research findings in mass media. When publicizing with the mass media, we will make adjustments after we have inquired in advance whether or not the information can be disclosed.

**(3) Handling of Intellectual Property Rights**

If intellectual property has been created through this Joint Research, please contact the Center's Faculty and Research Collaborators before filing an application, etc., and also contact the department in charge of intellectual property at the organization to which you belong. The share of rights, application procedures, etc. will be determined through discussion.

**4. Other**

**(1) Disclosure of Information**

In the case that information disclosure is requested by an external party, the accepted application form may be disclosed except for information that can be personally identified. In the course of conducting research, please mark any part that you do not want to be disclosed (such as descriptions including originality) with an underline in the application form. It will be considered at the time of disclosure.

**(2) Personal Information, etc.**

We will strive to protect personal information obtained in relation to this recruitment in accordance with the personal information protection policy of the Oita University.

**Appendix 1**

**Research fields of the Center's faculty members and their contact information**

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| --- | --- | --- |
| **Name** | **Research fields and keyword** | **E-mail** |
| Akira Nishizono | Rabies virus, SFTS virushttps://researchmap.jp/read\_0019201 | a24zono@oita-u.ac.jp |
| Yoshio Yamaoka | Helicobacter pylori, genome analysis, Antimicrobial Resistance (AMR)https://researchmap.jp/yoyamaoka | yyamaoka@oita-u.ac.jp |
| Masayuki Ohta | https://researchmap.jp/read0119454 | ohta@oita-u.ac.jp |
| Hitomi Mimuro /Tomohiro Miyoshi | Bacterial infection biology, Antimicrobial Resistance (AMR)https://researchmap.jp/hitomimimurohttps://researchmap.jp/tomohiromiyoshi | mimuro@oita-u.ac.jp/miyoshit@oita-u.ac.jp |
| Kazufumi Hiramatsu | Pseudomonas aeruginosa, Antimicrobial Resistance (AMR)https://researchmap.jp/read0161428 | hiramats@oita-u.ac.jp |
| Naoto Uemura | Research and development of novel therapeutics and vaccines | uemura@oita-u.ac.jp |
| Masao Ogata | Human betaherpesvirus 6B, hematopoietic stem cell transplantation ,toxoplasmosishttps://researchmap.jp/read0207324 | mogata@oita-u.ac.jp |
| Takashi Kobayashi | Immunology, Parasitology | kansen@oita-u.ac.jp |
| Emi Hifumi | Life science, biotechnology, antibody engineeringhttps://researchmap.jp/hfmread0622 | e-hifumi@oita-u.ac.jp |
| Hidekatsu Iha | Molecular oncology, Immunobiologyhttps://researchmap.jp/Hidekatsu\_Iha | hiha@oita-u.ac.jp |
| Kousaku Komiya | pulmonary tuberculosis, Nontuberculous mycobacteriosis | komiyakh1@oita-u.ac.jp |

**<Main Facilities>**

Light sheet fluorescence microscope, Confocal laser scanning microscope, Digital PCR, Next generation sequencer(Long read, Short read), Single Cell analysis system（10x Genomics　Chromium iX）, Electrophoresis system(PCR-based ORF Typing), Biomolecular Interaction Analysis System

**< Pathogens>**

Bacteria: H. pylori, dysentery bacillus, (Mycobacterium tuberculosis)

Viruses: rabies virus, mosquito-borne viruses (dengue virus, Zika virus, chikungunya virus)