

Kanazawa University WPI-NanoLSI Academic Year 2026 Bio-SPM Collaborative Research Matching Program for Companies Application Guidelines

The Nano Life Science Institute (WPI-NanoLSI), Kanazawa University, is calling for applications for Bio-SPM Collaborative Research Matching Program for Industry. These application guidelines are intended for applicants affiliated with companies. If you belong to a university or public research institution, please refer to the following link and select 'Application Guideline (for universities and public institutions)'.

<https://nanolsi.kanazawa-u.ac.jp/en/research/applications/bio-spm/>

1. Outline of Call for Research Proposals

1-1 Aims

The research teams at Kanazawa University have engaged in the pioneering development of original Bio-SPM technologies*, including Atomic Resolution/3D-AFM (FM-AFM), High-speed AFM, SICM (Scanning Ion Conductance Microscope), and AFM for Cell Measurement, and applied them to the life sciences. Here, we call for applications for collaborative research projects that are carried out by the applicants using our Bio-SPM, with the cooperation of the WPI-NanoLSI faculty members.

* Please refer to the document, 'Overview of each Bio-SPM technology,' for further information.

<https://nanolsi.kanazawa-u.ac.jp/en/research/applications/bio-spm/>

This program aims to evaluate the suitability of research themes proposed by companies for NanoLSI's Bio-SPM technologies and to match them with appropriate NanoLSI researchers. If you already have a designated NanoLSI collaborator, you do not need to apply for this program. Please apply directly to Kanazawa University's Collaborative Research Program.

1-2 Program Details

Research will be conducted in nano-life science and related fields using NanoLSI's Bio-SPM instruments as a collaborative research project with the designated host researcher.

1-3 Notes Regarding Samples

Samples that cannot be accepted include:

- Genetically modified organisms at P2 level or higher, pathogenic microorganisms and viruses at BSL level 2 or higher, and other regulated items
- Samples that are prohibited from being brought into Japan if you are applying from overseas.

1-4 Application Eligibility

This program is open to researchers and engineers affiliated with companies.

* NanoLSI Associates (graduates of the WISE program for Nano-Precision Medicine, Science, and Technology, at Kanazawa University.) can apply according to the "guidelines for universities and research institutions", even if they are affiliated with a company.

1-5 Research Period

After acceptance, please determine your visit schedule in consultation with your host researcher according to your research plan.

Please note that scheduling may be difficult depending on the host researcher's availability. Available days for visitors are Monday through Friday.

1-6 How to Apply

Application Items

Please submit the following three documents to the submission destination.

Form 4	'Academic Year 2026 Bio-SPM Collaborative Research Matching Program, Application Form for Companies'
Free Format	'Curriculum vitae for the principal investigator (applicant) only'
Free Format	'Company Profile'

Form 4 can be downloaded from:

<https://nanolsi.kanazawa-u.ac.jp/en/research/applications/bio-spm/>

If you have consulted with our host researcher in advance, please indicate this on the application form.

Application deadline

Applications will be received at any time until **November 27, 2026**

Submission Destination

Bio-SPM Collaborative Research Office, Nano Life Science Institute,
Kanazawa University, Kakuma-Machi, Kanazawa, 920-1192, Japan.

E-mail: nanolsi_opf002*ml.kanazawa-u.ac.jp ※Please replace the asterisks (*) with @.

1-7 Selection Method and Notification of Results

The WPI-NanoLSI Expert Committee will review the compatibility of the proposed research with our Bio-SPM facilities. If deemed feasible, we will match the applicant with an appropriate NanoLSI researcher and designate a host (either a researcher or a technical staff member).

Results will be communicated approximately six weeks after submission.

Research applications that match our policy described in "1-1. Aims" will be preferentially approved. It is preferable that applicants have already conducted sample preparations and preliminary experiments, for example, biochemical experiments, test of observation conditions, and microscopic analysis by optical microscope, electron microscope, SPM, etc. However, applications without any preliminary results will also be approved depending on the contents.

1-8 Inquiries Regarding Research Contents

Send an inquiry to the e-mail address below, including which Bio-SPM technologies you wish to use (either Atomic Resolution/3D-AFM (FM-AFM), High-speed AFM, SICM, and AFM for Cell Measurement).

Your inquiry will be forwarded to the appropriate person in charge.

E-mail: nanolsi_opf002*ml.kanazawa-u.ac.jp ※Please replace the asterisks (*) with @.

1-9 Fee

A collaborative research fee will be charged in accordance with Kanazawa University's collaborative research system.

For details, please refer to the link in 2-1.

2. Next Step

2-1 Application for Kanazawa University Collaborative Research

After receiving the acceptance notification, submit an application under Kanazawa University's collaborative research system:

https://research-promotion.adm.kanazawa-u.ac.jp/co_research/kyoudou/kyoudou.html

2-2 When the Research Papers are Published

To evaluate the effectiveness of this program, we request that approved researchers notify us when research papers resulting from this program are published.

3. Others

The following types of applications may be difficult to accept

- It is unclear from the application whether samples suitable for SPM observation can be prepared.
(Please note that observation with crude or partially purified samples may be challenging.)
- The proposed research lacks novelty because similar studies have already been conducted.
- It is unclear from the application what specific measurements are intended to be performed using Bio-SPM.

Supplementary Information

Regarding the Date of Birth, Age, and Sex fields

These fields are necessary for statistics in the evaluation report by the Ministry of Education, Culture, Sports, Science and Technology, in which the ages and genders of collaborative researchers must be presented. The information provided will not influence any decisions. In addition, the personal information provided will be handled with the utmost caution.