

Submission Date: MM/DD/2025

2024 Academic Year Bio-SPMs Collaborative Research, Research Report

(1) Information on the Research Project

Principal Investigator (PI) <small>(Person responsible for the research project)</small>		
Affiliated Institution	Name of Institution	
	Section <small>(Department, Division, etc.)</small>	
	Position	
Title of the Research Project <small>(the same title as used in the application)</small>		
Research Period		MM/DD/20YY – 3/31/2025
Bio-SPM you used <small>(Delete the unused Bio-SPMs)</small>		Atomic resolution/3D-AFM, High-speed AFM, SICM, AFM for Cell Measurement
Collaborative NanoLSI Faculty Members		Name(s):

(2) Research Project Team (Fill name, affiliated institution, and position/grade [for students])

	Name	Affiliated Institution <small>Add information of section (i.e., Department, Division, etc.)</small>	Position/ Grade
PI			
Collaborative Partner Researcher(s)			

*Add lines if necessary.

*Figures and tables can be used below.

*Add more space if necessary. There is no limit on the number of pages. However, a report of around five pages is appropriate (**shorter ones are also acceptable**).

(3) Overview of Research Results

(4) Background and Aims of the Research

(5) Materials and Methods

(6) Research Results

(7) Issues to be Solved and Outlook

(8) List of Publications and Presentations based on this Collaborative Research

*For published research papers (presentations), state the title, names of authors, name of the journal, referee reading (or not), volume, page numbers of the initial and final pages, and year of publication. In the case of presentations, state the location.

*The abovementioned sequence is not compulsory as long as all the items are included. If there are many authors, only include several authors, omitting others (if any authors' names are omitted, state the number of authors and the order on the author list for the related researchers).

*The names of the PI and collaborative partner researches should be underlined.

Total No. of Research Papers: **XX**

*Add an asterisk mark at the beginning of the line if you expressed your gratitude to this collaborative research activity in the acknowledgments section.

[1] Author(s), "Title," Journal, Vol., Page, (Year).

[2] Author(s), "Title," Journal, Vol., Page, (Year).

[3] Author(s), "Title," Journal, Vol., Page, (Year).

Total No. of Conference Presentations: XX

- [1] Author(s), "Title," Conference name, location, (Year).
- [2] Author(s), "Title," Conference name, location, (Year).
- [3] Author(s), "Title," Conference name, location, (Year).

Total No. of Others (Original books, Industrial property rights, etc.): XX

*Arbitrary style is acceptable.

- [1]
- [2]
- [3]

*This research report will not be open to the public.

*However, it will be disclosed in a limited way to the Minister of Education, Culture, Sports, Science, and Technology; the Japan Society for the Promotion of Science; and the Expert Committee of NanoLSI, upon their requests.

*If you have conducted a preliminary investigation, complete only items (1) through (3) of this form. If you have conducted a full study after the preliminary investigation, please fill out all items.

*Submission Deadline: May 9, 2025 (Friday). **Submit this form as a PDF file.**

*Submission Destination: the person in charge of Bio-SPMs collaborative research at NanoLSI, Kanazawa University. **E-mail:** nanolsi_openf01@ml.kanazawa-u.ac.jp