

**Assistant Professor (Three-year fixed-term contract)**  
**(Nano Life Science Institute, Kanazawa University)**

**Institution**

Kanazawa University

**URL of institution or department**

<http://nanolsi.kanazawa-u.ac.jp/en/>

**Department**

Nano Life Science Institute (NanoLSI)

**Institution type**

National university

**Content of job information**

Nano Life Science Institute (WPI-NanoLSI) at Kanazawa University was launched in October 2017, with a support of World Premier International Research Center Initiative (WPI) program by MEXT, Japan. At NanoLSI, we will combine the world's most advanced technologies in bio-scanning probe microscopy (SPM) and supramolecular chemistry to develop novel nanoprobe techniques that allow us to directly image, analyze, and manipulate nanodynamics of proteins, metabolites, and nucleic acids both on the surface of and inside the cell. In addition, through the use of innovative nanoprobe techniques combined with other advanced analytical methods, we aim to achieve fundamental understandings of the nano-level mechanisms underlying basic cellular functions (e.g., cell differentiation/proliferation, stemness, signal transduction, genome dynamics, etc.) and their abnormalities. To this end, we will perform detailed comparisons between nanodynamics inside normal and disease cells. Based on the developed technologies and knowledge acquired through such research works, we will establish a new research field termed "nanoprobe life science," which aims to achieve nano-level understandings of various life phenomena using advanced nanoprobe technologies.

We are looking for an excellent researcher as an "Assistant Professor" in the Hanayama Laboratory of NanoLSI, who is able to work on fusion research between the fields of nanometrics and cell biology.

**[Address of work location and other information]**

Nano Life Science Institute, Kanazawa University,  
Kakuma-machi, Kanazawa, Ishikawa 920-1192, Japan

**Number of Position:** One

**Starting date:** October 1, 2022 or as early as possible if later.

**Research field**

Area	Medicine
Discipline	All

**Job type** Assistant Professor level

**Employment status** Full-time (Nontenured)

**Qualifications**

Applicants must satisfy all the following requirements:

- 1) Ability to conduct research activities in English including presentations and writing papers.
- 2) Doctoral degree (including equivalent degrees such as a PhD from overseas universities) has been conferred or will be conferred when he/she arrives at the post.
- 3) Research experience with any one of the followings: Cell Biology, Molecular Biology
- 4) Experience with scanning probe microscopy is not required, but a willingness to utilize it.

**Compensation** [Details of salary, working hours, holiday, period of employment and insurance, accommodation, etc.]

Assistant Professor (Three-year fixed-term contract)

**[Period of employment]**

Three-year fixed-term contract

Note: There is a possibility of the contract being renewed after the expiration of the employment period.

Negotiation is possible on employment start date.

**[Start-up research funds]**

We will provide million yen in the first year for research funding.

**[Working Hours]**

Working hours are determined according to the Discretionary Labor System for Professional Work (7 hours and 45 minutes per day)

**[Salary]**

Basic pay, 4,200,000 yen (Annualization conversion)

Special allowance, around 1,320,000 yen (Annualization conversion)

Salary will be fluctuated by performance and evaluation after adoption.

**[Other]**

Social Insurance: Mext Mutual Aid Association

Eligibility to Unemployment Insurance: Yes

Work Condition Details: According to the rules of Kanazawa University.

<http://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (in Japanese)

**Application period**

September 30 , 2022 Deadline for receipt (Evaluation will be performed upon receipt of each application and, if an appropriate candidate is found, this call may be closed in about a month)

after the offering has started ).

#### Application/selection/notification of result/contact details

##### [Application Documents]

1. CV (including research achievements such as publications, presentations, awards and research grants)
2. Proposal of research at NanoLSI
3. Outline of past research activities
4. Offprints of five major publications
5. Recommendation letter

If you have a recommender, a letter of recommendation should be sent separately to the following e-mail address. Email : [nanolsi-jobs@adm.kanazawa-u.ac.jp](mailto:nanolsi-jobs@adm.kanazawa-u.ac.jp)

- Please send the application form by e-mail.  
Email : [nanolsi-jobs@adm.kanazawa-u.ac.jp](mailto:nanolsi-jobs@adm.kanazawa-u.ac.jp)
- As we cannot receive emails larger than 5 MB, please use an upload site if the size of your email exceeds 5 MB.
- Please write "Application for Faculty Position (Prof. Hanayama)" in the title of the e-mail.

##### [Selection process (selection method and hiring decision), notification of result]

Applicant screening and interview

※We do not cover the travel expenses associated with the interview.

##### [Contact details (department, official position, name, e-mail address, and phone number of the responsible person)]

##### <Contact Information >

Professor Rikinari Hanayama

WPI Nano Life Science Institute, Kanazawa University (WPI-NanoLSI)

Tel: +81-76-265-2725

Email: [hanayama@med.kanazawa-u.ac.jp](mailto:hanayama@med.kanazawa-u.ac.jp)

If you have any questions regarding employment regulations or administrative procedures, please contact the following address.

Nano Life Science Institute, Kanazawa University

Tel: +81-076-234-4550

Email: [nanolsi-jobs@adm.kanazawa-u.ac.jp](mailto:nanolsi-jobs@adm.kanazawa-u.ac.jp)

### Additional information

- 1) The website below gives information about employment regulation.  
<https://nanolsi.kanazawa-u.ac.jp/en/staff/rules/>
- 2) Kanazawa University promotes the development of diversity in the research and education environment. For details, see the following URL:  
<https://cdl.w3.kanazawa-u.ac.jp/en/>
- 3) NanoLSI welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society For details, see the following URL:  
<https://nanolsi.kanazawa-u.ac.jp/en/research/diversity/>