

**Faculty position, Assistant Professor or Associate Professor,
Biology and Life Sciences Division, the Research Institute
for Electronic Science (RIES), Hokkaido University**

We would like to inform you that the Research Institute for Electronic Science, Hokkaido University is now recruiting one Assistant Professor or Associate Professor as shown below.

- (1) **Position Title:** Assistant Professor or Associate Professor, one person
- (2) **Work Location:**
[Immediately after hiring]
Biology and Life Sciences Division
Research Institute for Electronic Science (RIES)
Hokkaido University
Kita 21 Nishi 10, Kita-ku, Sapporo 001-0021 Japan
[Scope of Change] Location as determined by the University
- (3) **Job Description:**
[Immediately after hiring] Research and education on the development of advanced optical and information technologies for life sciences and their applications in Prof. Hideharu Mikami's group.
[Scope of Change] Duties as determined by the University
- (4) **Qualification:**
 1. Holding or being expected to hold a Ph.D. or doctoral degree.
 2. Having expertise in one or more of the following fields: optics, informatics, and life science.
 3. Being highly motivated to engage in the development of optics-informatics fusion technologies that integrate optical techniques such as fluorescence microscopy and optogenetics with information technologies including AI, as well as in applying these technologies to biological samples such as model organisms (e.g., mice, *C. elegans*) and living cells. (However, prior experience in these research areas is not required.)
 4. Being able to carry out research in collaboration with researchers within and outside the research group.

For example, we assume, but do not require, that candidates have experience in the following types of research.

 - Research in the field of optics, such as optical microscopy, spectroscopy, and computational imaging.
 - The development of data analysis methods for biological images, neural activity data, etc.
 - Research using advanced optical imaging techniques (e.g., fluorescence microscopy) in any field of life science such as neuroscience, developmental biology, and cell biology.
- (5) **Expected Start Date:** August 1st, 2026, or later.
- (6) **Employment Status:**

Associate Professor:
Tenured, but it is highly desired to be promoted within ten years.

Assistant Professor:
The employment period cannot exceed 5 years from the initial date of hire (Reappointment for 3 years is possible depending on the results of an interim evaluation).
- (7) **Probation Period:** Three months

- (8) **Salary:** The salary will be determined in accordance with the National University Corporation Hokkaido University Annual Salary System Faculty Salary Rules.
- (9) **Working Form:** Discretionary labor system for professional work. The working hours for a day are deemed as 7 hours and 45 minutes.
- (10) **Holidays:** Saturdays, Sundays, national holidays, year-end/New Year holidays (Dec 29–Jan 3), and university-designated days
- (11) **Health Insurance:** The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employees Pension, Workers' Accident Compensation Insurance and Employment Insurance
- (12) **Name of Recruiting Institution:** Hokkaido University
- (13) **Measures to Prevent Second-hand Smoke:** Smoking in designated areas only.
- (14) **Application Materials:**
1. Cover Letter: Please clearly indicate whether you are applying for the Assistant Professor or Associate Professor position.
 2. Curriculum vitae
 3. List of Research Achievements (original articles, reviews, invited talks, awards, patents, others)
 4. Summary of past research (approx. 2 pages, A4)
 5. Perspectives for research in Prof. Mikami's group (approx. 2 pages, A4)
 6. Names and e-mail addresses of two referees who can provide reference letters
 7. Copies of up to five selected publications
- (15) **Selection:** Document screening and interview
- (16) **Deadline:** May 1th, 2026 (must arrive).
- (17) **Application:** Applications must be submitted via JREC-IN Portal (Web Application).
- Combine application materials into a single PDF file.
 - File name:
 - For application to Assistant Professor: Assist_YourName.zip
 - For application to Associate Professor: Assoc_YourName.zip
 - (Example: AP_HideharuMikami.zip)
 - Applications by e-mail or postal mail will not be accepted.
 - Application materials will not be used for any purpose other than the selection process.
 - We will dispose of all application documents responsibly.

JREC-IN Portal: <https://jrecin.jst.go.jp/seek/SeekJorDetail/Changelang?id=D126021259&lang=1>

- (18) **Mailing Address and Inquiry:**
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