

**Faculty position, Assistant 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 as shown below.

- (1) **Position Title:** Assistant Professor, one person
- (2) **Work Location:**
Biology and Life Sciences Division
Research Institute for Electronic Science (RIES)
Hokkaido University
Kita 21 Nishi 10, Kita-ku, Sapporo 001-0021 Japan
- (3) **Job Description:**
Research and education on the development of advanced optical and information technologies for life sciences and their applications in Prof. Hideharu Mikami's group.
- (4) **Qualification:**
 1. Holding or being expected to hold a Ph.D. or doctoral degree.
 2. Having a strong track record and expertise in one or more of the following fields: optics, informatics, and life science.
 3. Being willing to work on the development and applications of advanced optical techniques (e.g., fluorescence microscopy, optogenetics) and/or data analysis methods (e.g., image analysis, analysis of neuronal activities) for studies using model organisms such as mice. (However, experience in such research is not required.)
 4. Being able to carry out research in collaboration with researchers of other specialties within and outside the research group, as necessary.

For example, we assume, but do not require, that candidates have experience in the following types of research. The research projects of the hired candidate will be determined based on his/her motivation and the direction of the research group.

 - 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:** September 1st, 2022, or later.
- (6) **Employment Status:** 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 Salary Rules for Faculty Subject to Annual Salary System.
- (9) **Working Form:** Discretionary labor system for professional work. The working hours for a day are deemed as 7 hours and 45 minutes.
- (10) **Health Insurance:** The Ministry of Education, Culture, Sports, Science and Technology Mutual

Aid Association, Employees Pension, Workers' Accident Compensation Insurance and Employment Insurance

(11) **Name of Recruiting Institution:** Hokkaido University

(12) **Measures to Prevent Second-hand Smoke:** Smoking in designated areas only.

(13) **Application Materials:**

1. Curriculum vitae (with a photograph, telephone number, and e-mail and mailing address) including educational records, professional career records, activity records in academic society, and awards.
*Applicant who has been employed by Hokkaido University from April 1, 2013 (any position, including Part-time Lecturer, Teaching Assistant, Teaching Fellow, Research Assistant and Short-term Support Assistant, etc.) should provide full details of your employment history.
2. Achievements List: journal papers, review papers, books, and others should be listed respectively. All authors, the first and the last pages. Journal papers without peer review should be listed as others. Domestic and international presentations (divided into categories: invited, oral, poster) should be listed respectively.
3. Brief statement of research interests and appealing points, including the summary of past and present research (A4 or letter 2-3 pages).
4. Perspectives for research in Prof. Mikami's group (A4 or letter 2-3 pages).
5. Names and contacts (affiliation, telephone number, e-mail address) of those who can hear the reference opinions (two people).
6. Other accomplishments (awards, academic society activities, grants).
7. Copies of up to five selected publications.

(14) **Selection:** Document screening and interview

(15) **Deadline:** June 20th, 2022 (must arrive).

(16) **Application:** We will accept applications via email.

- Send a single PDF file of your application materials with the subject line "Application for Assistant Professor at Hokkaido University" to Prof. Hideharu Mikami (hmikami@es.hokudai.ac.jp) and Ms. Yumie Fujiwara, secretary (yfujiwara@es.hokudai.ac.jp) as an attachment or via cloud storage.
- We will send a confirmation email within one week of receiving your application. If you do not receive a reply, please be sure to contact us for confirmation.
- Application materials will not be used for any purpose other than the selection process.
- We accept applications by postal mail only if it is difficult to apply by e-mail. In that case, please write "Application for Assistant Professor, Research Institute for Electronic Science, Hokkaido University" in red on the envelope and send it by registered mail to the address below. Documents will not be returned.

(17) **Mailing Address and Inquiry:**

Prof. Hideharu Mikami
Laboratory of Information Biophotonics
Biology and Life Sciences Division
Research Institute for Electronic Science (RIES)
Hokkaido University
Kita 21 Nishi 10, Kita-ku, Sapporo 001-0021 Japan
Phone: +81(11) 706-9362
E-mail: hmikami@es.hokudai.ac.jp