

Application Procedure for Assistant Professor
Course of Molecular Biomedical Sciences, Department of Life Sciences,
Faculty of Agriculture, Iwate University

1. Title and number of faculty members

One Assistant Professor in Course of Molecular Biomedical Sciences, Department of Life Sciences, Faculty of Agriculture.

2. Outline and description of duties

The Faculty of Agriculture in Iwate University plans to reorganize the Faculty in April 2025. The Department of Life Sciences is a newly established department, consisting of Course of Molecular Biology and Biochemistry and Course of Molecular Biomedical Sciences. The Course of Molecular Biomedical Sciences aims to elucidate life phenomena from microorganisms to animals and humans at the molecular level, and to utilize this knowledge in solving food problems, health hygiene and disease prevention, thereby contributing to improving the quality of life (QOL) of people.

This position is open to researchers in the field of structural biochemistry, particularly those who are actively engaged in research on the biogenesis of biological membranes and membrane proteins and on the formation of cellular structures. The successful candidate will be responsible for a part of lectures and the experimental and seminar courses, such as "Introduction to Life Sciences", "Experiments in Molecular Biomedical Sciences" and "Information in Molecular Biomedical Sciences I" and the lectures in the liberal education courses, and research guidance for students in the undergraduate and master's programs. We welcome candidates who can provide consistent education in the undergraduate and graduate programs (master's and doctoral programs) for a total of five years.

3. Eligibility requirements

Applicants must fulfil the following conditions:

- (1) Applicants must hold a doctoral (or Ph.D.) degree and have outstanding achievements in the field of structural biochemistry.
- (2) Have the ability and willingness to teach the above lectures, experimental and seminar courses, and be actively involved in the management of the course, department and faculty.
- (3) Those who are actively involved in returning research results to society and transferring technology to companies.

4. Term of office, treatment, etc.

The tenure of assistant professors is five years, with an interim evaluation conducted by the day three years have elapsed from the date of appointment, followed by a tenure review at least seven months before the expiry of the tenure of the tenure-track faculty member. If the tenure-track faculty member achieves the required targets during his/her tenure, he/she will be granted tenure (assistant professor). Treatment and other conditions are in accordance with the Employment Regulations for National University Corporation Iwate University Employees. See below for further information.

[Regulations on the Iwate University Tenure Track System].

<https://www.iwate-u.ac.jp/about/disclosure/files/regulations/60200040.pdf>

[Initiatives to promote the recruitment of young faculty members]

The University provides tenure-track faculty members (assistant professors) with start-up expenses (research expenses) for a period of two years from the date of appointment (maximum of 2 million yen).

[Initiatives to promote the recruitment of female faculty members]

<https://diversity.iwate-u.ac.jp/support/womenresearchers/>

5. Starting date

As soon as possible after 1 April 2025.

6. Application documents

Please convert the following documents (1) to (7) into PDF files (less than 10 MB) and send them as attachments to the email address below.

- (1) Curriculum vitae (free format; please be sure to include your e-mail address)
- (2) A list of research achievements (please list original papers, reviews, books, patents and other references) *Refer to the guidelines for preparation.
- (3) Outline of external funds obtained
- (4) Up to 3 reprints of major papers
- (5) Outline of education and research to date (2 sheets of A4 paper)
- (6) Aspirations for education and research after assuming the position (1 sheet of A4 paper)
- (7) Names, affiliations and contact details of two or three persons who can make enquiries about the applicant (please include their e-mail addresses).

7. Selection method

First stage: document screening; second stage: presentation and interview. In accordance with the principles of the Equal Employment Opportunity Law, preference will be given to women in cases of equal performance. Applicants must bear their own expenses when they are asked to visit during the selection process.

8. Deadline for applications

31 May 2024.

9. Submission of application documents and contact details

TO: Ken-ichi Nishiyama, Chairperson, Faculty Selection Committee, Course in Molecular Biomedical Sciences, Department of Life Sciences, Faculty of Agriculture, Iwate University.

(E-mail: nishiyam@iwate-u.ac.jp, Tel: +81-19-621-6471)

The title of the email should read "Your affiliation, name and application documents for teaching positions". The personal information in the submitted documents will not be used for any purpose other than the selection process and will be disposed of responsibly after completion of the selection process.

Preparation Instructions for “Research Achievements”

Research achievements should be written on A4-size paper in the following order: A. Books and translations, B. Dissertations, C. Review articles, D. Original papers (a) Journals*¹, (b) Bulletins*², (c) Proceedings, E. Others*³, F. Reports, business reports etc*⁴, G. Patents, designs etc, H. International conference presentations*⁵, I. National conference presentations*⁵, Please refer to the examples below. For example, if there is no review or editorial, please move up the order to C. Original papers. Margins should be set at approximately 3 cm (right, left, left, top and bottom), with 70~80 characters per line and approximately 40 lines (font size should be 10.5-12).

- *1: List academic journals, international journals, etc. in chronological order.
- *2: Include test station reports, laboratory reports, etc.
- *3: Include commercial journals, documents, etc.
- *4: Include research reports, scientific research funded reports, project reports, etc.
- *5: List the last five years. (In the case of professor selection, I. Domestic conference presentations are not required.)
- *6: Underline the names of authors. Double underline if the author is a single author, the first author, a corresponding author or an equal contributor to the first author. However, this should only be indicated in the article.
- *7: When authors' names are given in English, they should be as follows:
 1. Morioka, J., Iwate, I. and Akita, N. (1986).
- *8: Scientific names should be underlined or italicized.
- *9: Paper numbers should be in full-width characters and alphanumeric characters should be in half-width characters. Volume numbers should be bold.
- *10: Journal should be abbreviated.
- *11: Only in press or accepted articles may be listed as published or to be published.

“Examples”

Research achievements (books, academic papers, etc.)

A. Books and translations

1. Iwate, I. (sole author) (1990).
On Agricultural Science. XX Publishing House, Tokyo, 100p.
2. Iwate, Ichiro (co-author) (1991).
Animal Husbandry in the Kitakami Mountains, in "Agriculture in Iwate", edited by Taro Daigaku and Ichiro Bakubu, Morioka, pp. 10-20. 3.

3. Iwate, Ichiro (co-author and translator) (1992).

Corn, in Agriculture in the United States of America, edited by A.B. Carter and translated by Taro Daigaku, Tokyo, pp. 20-30.

Tokyo, pp.20-30.

4. Iwate, I. and Morioka, J. (co-authors) (1993).

Agriculture in Japan, "Agricultural Sciences" (Eds.: D. E. F. Green and H.I.James), Bio Press, London, pp.20-30.

B. Thesis.

1. Iwate, I. (1980).

Studies on XYZ. (Master of Science or Master of Science), University of ○○.

2. Iwate, Ichiro (1983).

Research on ABC. [D. or Ph.D. (◇◇◇ Studies) University of ○○]

C. Review articles and editorials.

1. Iwate, I. (1994).

Distribution of wild animals in Iwate. Nature of Iwate No.3: 1-5. 2.

2. Iwate, I., Morioka, J. (1995).

Distribution of plants on Mount Iwate. Iwate Botanical Journal **15**: 215-220.

D. Original papers

(a) Scientific journals

1. Iwate, I. (1985).

Studies on the wildlife of Iwate. Journal of Nichido-gaku **5**: 15-20. 2.

2. Morioka, J., Iwate, I. and Akita, N. (1986).

Distribution of wild animals in Iwate Prefecture. Jpn. J. Anim. Sci. **20**: 100-105. 3.

3. Iwate, I. (1990).

Calcium metabolism in laying Japanese quail (*Coturnix coturnix japonica*). Jpn. Avian Physiol. **25**: 15-20.

(b) Bulletin.

1. Iwate, I. (1985).

On the ecology of the Tohoku yamanezumi (*Coturnix coturnix japonica*). Iwate Univ. Agricultural Bulletin **17**: 30-40.

(c) Proceedings

1. Iwate, I., Morioka, J. and Akita, N. (1995).

Mode of life of Japanese macaques in northern Japan. 5th Int. Cong. of Wild Animals, Berlin, pp. 101-102.

E. Other.

1. Morioka, J. and Iwate, I. (1990).
Ecological survey of Japanese serow in the Kitakami mountain range. Wildlife No.125: pp.35-45.

F. Reports, project reports, etc.

1. Morioka, J. and Iwate, I. (1993).
PCB contamination of golden eagles. Report of the Natural Animal Survey (ΔΔ Prefecture), pp. 10-11.

G. Patents, designs, etc.

1. Morioka, J. and Iwate, I. (1993).
Golden eagle trapping device Patent No. 1234567. 2.
2. Iwate, I. (2000).
◇◇◇ Patent application 2000-123456 Patent 2002-123456

H. International conference presentations (last five years)

1. Morioka, J. and Iwate, I. (1996).
Ecological study of wild animals in Japan. 5th Int.

I. Domestic conference presentations (last 5 years)

1. Iwate, I. and Morioka, J. (1997).
Wild animals in Iwate. Abstracts of the 100th Annual Meeting of the Wildlife Society of Japan: 25-26.