

Position for Assistant Professor in the Laboratory of Plant Breeding,
Research Faculty of Agriculture, Hokkaido University

January 29th, 2025

We are inviting applications for the position of Assistant Professor in the Laboratory of Plant Breeding, Research Group of Applied Bioscience, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University. Please inform potential candidates of the following details on this position.

1. Title of position:

Assistant Professor (Tenure-track; see Appendix 1).

2. Affiliation:

- [Immediately after hiring] Laboratory of Plant Breeding, Research Group of Applied Bioscience, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University (see Appendix 2).
- [Scope of Change] Location as determined by the University.

3. Responsibilities:

- [Immediately after hiring] Duties concerning education and research at the Research Faculty of Agriculture, Graduate School of Agriculture, and School of Agriculture.
- [Scope of Change] Duties as determined by the University.

4. Qualifications:

- 1) Applicants must have a Ph. D. or be expected to have one by the time of employment.
- 2) Applicants must have research achievements in plant breeding, especially in relation to crops that are adapted to cool climates in high-latitude regions. Additionally, applicants must be able to provide research guidance in both Japanese and English to undergraduate and graduate students in the laboratory (see Appendix 2).
- 3) Applicants must have the ability to provide educational guidance regarding the above subjects for undergraduate and graduate students in both Japanese and English (see Appendixes 3 and 4).
- 4) Applicants must arrive at his/her post on the scheduled date.

5. Application materials:

- 1) Two sets of curriculum vitae *.
- 2) Two sets of publication lists and biographical data on research activities *.
- 3) Two sets of summaries of research activities with citing the reference number in the publication list (either around 800 words in English or around 1,000 characters in Japanese).
- 4) PDF files of all peer-reviewed publications (Submit PDF files of the names corresponding to the publication list in a USB memory stick or other electronic media.)
- 5) Two sets of summaries of the applicant's perspectives on education and (if any) educational activities, including those made in English (either around 800 words in English or around 1,000 characters in Japanese).
- 6) Two sets of summaries of the applicant's perspectives on research (either around 1,200 words in English or around 1,500 characters in Japanese).

7) Two sets of the list of two references for the applicant, showing their names, institutions, positions, telephone numbers, and e-mail addresses.

* Forms of curriculum vitae, publication list, and biographical data on research activities are available at the URL of Hokkaido University. (<https://www.agr.hokudai.ac.jp/i/subscription>)

¶ Remarks: Please note that an interview may be conducted if necessary. In that case, the applicant is responsible for any travel expenses. The submitted document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

6. Deadline for application:
March 11th, 2025

7. Scheduled starting date of employment:
July 1st, 2025

8. Destination of the documents:

- Prof. Tomohiko Kubo, Chair of the Personnel Committee, Ph. D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3350 (Personnel section in Research Faculty of Agriculture, Hokkaido University).

*The requested documents should be submitted via registered mail (or an equivalent postal service) to the postal address indicated above. Please write "Application for Assistant Professor in the Laboratory of Plant Breeding" with red ink on the envelope.

9. Contact person:

- Prof. Hitoshi Onouchi, Ph. D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3841, E-mail: onouchi@agr.hokudai.ac.jp

10. Compensation:

1) Probation period:

- 3 months.

2) Salary:

- The National University Corporation Hokkaido University Salary Regulations for Faculty Subject to Annual Salary System.

3) Working hours, etc.:

- Discretionary Labor System for Professional Work or Fixed Working Hour System based on agreement.
- Determined in accordance with the Hokkaido University Working Hours, Break Times, Holidays, and Leave Rules.
- [For Discretionary Labor System for Professional Work]
The work hours per day are deemed as 7 hours and 45 minutes.
- [For Fixed Working Hour System]

Work hours: 8:30 to 17:00.
Break time: 12:15 to 13:00.
Overtime work: Applicable.

4) Health Insurance, Pension, and Other Insurance

- The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association
- Employee's Pension
- Workers' Accident Compensation Insurance
- Employment Insurance

11. Name of Hiring Institution

Hokkaido University.

12. Measures to Prevent Second-Hand Smoke

No smoking on campus except for the designated outside smoking areas

13. Others

Hokkaido University is actively promoting both education and research activities under the concept of advancing diversity and inclusion. In addition, Hokkaido University is actively supporting to realize a good work-life balance and is providing ideal environments for those people who would like to show their full potentials. The details of the activity in Hokkaido University can be found in the following.

URL: <https://www.dei.hokudai.ac.jp/>

Appendix

1. Initial term of employment is 5 years, and an additional term of employment is limited to an additional 5 years. To qualify for a tenure position, the candidate's performance during employment will be evaluated. The tenure quantification may also be given after being reappointment.
2. The Laboratory of Plant Breeding is a member of the Research Group of Applied Bioscience, which is comprised of six laboratories. The Laboratory of Plant Breeding is conducting research on the following topics using crops (mainly rice): mechanisms of adaptation to high latitudes and cold regions; reproductive isolation mechanisms of interspecific hybrids and their breakdown; genetic improvement to promote efficient hybrid breeding; breeding and utilization of polyploids; and modeling of plant development using mathematical analysis methods. We seek an individual who is familiar with crop breeding that makes the most of the characteristics of Hokkaido, which is the base of agricultural production in Japan, and who has the ability and experience to promote related research internationally, as well as being able to provide education and guidance to undergraduate and graduate students participating in the research.
3. The Laboratory of Plant Breeding is responsible for all or part of the following subjects, and the Assistant Professor employed in this position will have sole or partial responsibility for them.
 - (1) Subjects in the Graduate School of Agriculture: Study on Agricultural Science I-II, Seminar on Agricultural Science I-II, Advanced General Agricultural Plant Science, Advanced Seminar on Agricultural Plant Science, Advanced Agrobiolgy, Advanced Seminar on Agrobiolgy, and others.
 - (2) Subjects in the School of Agriculture: General Genetics, Plant Breeding I-II, Introduction to Applied

Biosciences, Seminar in Applied Bioscience I·II·III·IV, Laboratory Work on Biology, Graduation Thesis, and others.

(3) Subjects in the general education, and others.

4. The Laboratory of Plant Breeding participates in “The Global Education Program for AgriScience Frontiers”. This program provides education to graduate students, mostly international students, in English. Therefore, applicants should have the ability to educate graduate students in English.