

Position for Assistant Professor in the Laboratory of Molecular Biology,
Research Faculty of Agriculture, Hokkaido University

August 10th, 2023

We are inviting applications for the position of Assistant Professor in the Laboratory of Molecular Biology, 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:

Laboratory of Molecular Biology, Research Group of Applied Bioscience, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University (see Appendix 2).

3. Duties in education:

Lectures, seminars, experimental works, practical training, and exercise courses related to Molecular Biology (see Appendix 3).

4. Qualifications:

- 1) Applicants must have a doctoral degree or Ph.D by the starting date of employment.
- 2) Applicants must possess excellent research achievements in the field of evolutionary genetics on plant translation regulatory mechanisms, using a wide range of analytical methods including molecular biology and bioinformatics techniques such as gene expression analysis. 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 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 list and biographical data on research activities *
- 3) Two sets of summary 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) Two sets of reprints or photocopies of all peer-reviewed publications
- 5) Two sets of summary of 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 summary of applicant's perspectives on research (either around 800 words in English or around 1,000 characters in Japanese)
- 7) Two sets of the list of two references for the applicant, showing his/her name, institution, position,

telephone number, and e-mail address

* 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:

September 29th, 2023

7. Scheduled starting date of employment:

April 1st, 2024

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 Molecular Biology" with red ink on the envelope.

9. Contact person:

Prof. Shin-ichiro Asano, Ph.D.

Research Faculty of Agriculture, Hokkaido University,

Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan

Tel: +81-11-706-2423, E-mail: sangaku@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.:

Monday to Friday, Discretionary work system

(The working hour for a day is deemed as 7 hours and 45 minutes.)

4) Health insurance, etc:

- Mutual association of the Ministry of Education, Culture, Sports, Science and Technology
- Employee pension insurance
- Workers' accident compensation insurance

- Employment insurance

11. Name of recruiter institution:

Hokkaido University

12. Measures to prevent secondhand smoke:

Smoking in designated areas only

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 well work-life-balance and is providing ideal environments for those people who would like to show their full potentials. The detail of the activity in Hokkaido University can be found in the following

URL: https://diversity.synfoster.hokudai.ac.jp/en/statement_en/

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 Molecular Biology is a member of the Research Group of Applied Bioscience, which is comprised of six laboratories. The Laboratory of Molecular Biology studies translation regulatory mechanisms in plants from the perspective of evolutionary genetics. In particular, we aim to elucidate novel translation regulatory mechanisms involved in feedback regulation of plant metabolism by combining molecular biology and bioinformatics approaches. We seek an individual who has the ability and experience to conduct these studies, as well as the ability to educate undergraduate and graduate students in the laboratory.
3. The Molecular Biology Laboratory 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 Lecture on Applied Molecular Biology, Advanced Seminar on Applied Molecular Biology, and others.
 - (2) Subjects in the School of Agriculture: Molecular Biology, Molecular Cell Biology, Fundamental Molecular Biology, Introduction to Applied Biosciences, Seminar in Applied Bioscience I·II·III·IV, Laboratory Work on Applied Bioscience, Graduation Thesis, and others.
 - (3) Subjects in the general education, and others.
4. The Laboratory of Molecular Biology 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.