Position for Assistant Professor (Jokyo) in the Laboratory of Natural Product Chemistry, Research Faculty of Agriculture, Hokkaido University

October 19th, 2026

We are inviting applications for the position of Assistant Professor in the Laboratory of Natural Product Chemistry, Research Group of Bioscience and Chemistry, Research Faculty of Agriculture, Hokkaido University.

1. Title of position:
   Assistant Professor (Tenure-track; see Appendix 1).

2. Affiliation:
   [Immediately after hiring] Laboratory of Natural Product Chemistry, Research Group of Bioscience and Chemistry, 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. Duties in education:
   Lectures, seminars, experimental work, practical training, and exercise courses provided in Graduate School of Agriculture and School of Agriculture, Hokkaido University (see Appendix 3).

5. Qualifications:
   (1) Applicants should have or are expected to have a doctoral degree or Ph.D.
   (2) The applicant must have achievements in research on the isolation, structural elucidation and chemical synthesis of natural products together with elucidation of functional mechanisms of bioactive natural products involved in the regulation of plant life cycles and defensive responses upon environmental stresses. In particular, the applicant should have outstanding research achievements regarding the mechanisms that regulate the expression and suppression of the activity of bioactive compounds such as plant hormones. Furthermore, the applicant must possess fundamental knowledge and experience not only in experimental methods of natural product chemistry but also those based on molecular biology and biochemistry (see Appendix 4).
   (3) Applicants should be proactive in contributing to the development of Natural Product Chemistry education and research (see Appendix 3 and 4).
   (4) Applicants should be able to provide research guidance regarding the above subjects for undergraduate and graduate students in Japanese and English.
   (5) It is desirable that a strong track record in obtaining external funding.
   (6) Applicants should arrive at this post on the scheduled date.

6. Application materials (Tow copies each except for (4))
   (1) Curriculum vitae *
   (2) Statement of Research Achievements *
   (3) 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) For papers listed in the above section “(2) Statement of Research Achievements”, save the papers that appear in the list following this text as PDF files, whose titles should be named according to their respective achievement numbers. Save the created PDF files to an electronic medium such as a USB flash drive and submit the medium along with your application documents.
      1) Peer-reviewed original articles

2) Reviewed articles listed under “Other peer-reviewed articles”
3) Other original articles such as university bulletins and research reports published by research institutes or experimental stations.

(5) Educational activities including those made in Japanese and applicant’s perspectives on education (either around 800 words in English or around 1,000 characters in Japanese)
(6) Summary of applicant’s perspectives on research (either around 800 words in English or around 1,000 characters in Japanese)
(7) A list of two references for the applicant, showing their 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: If you have experienced interruptions or delays in your research activities due to reasons such as childbirth, childcare, nursing care, or illness, you may indicate such periods in your curriculum vitae. We will give due consideration in performance reviews.
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.

7. Deadline for application:
November 20th, 2026 (The application materials must arrive at Hokkaido University no later than this date.)

8. Scheduled starting date of employment:
April 1st, 2027

9. Destination of the documents:
Prof. Haruhide, Mori, 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 a similar method) to the postal address indicated above. Please indicate "Application for Assistant Professor in the Laboratory of Natural Product Chemistry" in red on the front of the envelope.

10. Contact person:
Prof. Takuro, Shinano, Ph.D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-4170
E-mail: shinano@agr.hokudai.ac.jp

11. Compensation:
(1) Probation Period:
Three months
(2) Salary:
National University Corporation Hokkaido University Salary Regulations for Faculty Subject to Annual Salary System
(3) Working hours, etc.:
・Discretionary Lavor 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:
・Mutual association of the Ministry of Education, Culture, Sports, Science and Technology
・Employee pension
・Workers' accident compensation insurance
・Employment insurance

(5) Support for female faculty members:
To support faculty members, there is a system in place to subsidize the employment costs of technical assistants (see Appendix 5).

12. Name of Hiring Institution:
Hokkaido University

13. Measures to Prevent Second-hand Smoke:
No smoking on campus except for the designated outside smoking areas.

14. Others
Hokkaido University has announced the “Statement on the Promotion of Diversity and Inclusion” and is striving to promote education and research activities by diverse human resources. We are also striving to create an environment that empowers all members of the University to demonstrate their abilities to the fullest.
Web page of the Statement on the Promotion of Diversity and Inclusion.
URL: https://diversity.synfoster.hokudai.ac.jp/en/statement_en/

Appendix

1. For Assistant Professor, 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 positions, the candidate’s performance during employment will be evaluated.

2. The Laboratory of Natural Product Chemistry constitutes the Research Group of Bioscience and Chemistry, together with six other laboratories: Plant Nutrition, Soil Science, Biochemistry, Microbial Physiology, Nutritional Biochemistry, and Food Biochemistry.

3. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Natural Product Chemistry is responsible. The laboratory participates in “the Global Education Program for AgriScience Frontiers” and also provides education only in English.
(1) Subjects in the Graduate School of Agriculture: Advanced Bioorganic Chemistry, Study on Agricultural Science I & II, Seminar on Agricultural Science I & II and others.
(2) Subjects in the School of Agriculture: Organic Chemistry I, Utilization of Agricultural Products, Bioorganic Chemistry, Environmental Chemistry, Instrumental Analytical Chemistry, Seminar on Bioscience and Chemistry I–V, Introduction to Chemistry, Laboratory Work on Chemistry I and Graduation Thesis, and others.
(3) Subjects in general education: Chemistry II, General Education Seminar and others.

4. The Laboratory of Natural Product Chemistry conducts educational and research activities focused on identifying biological active compounds involved in the regulation of plant life cycles and defensive responses upon environmental stresses, as well as elucidating the biosynthesis and elucidation of functional mechanisms of these compounds. In particular, the focus is on elucidating the mechanisms that regulate the expression and suppression of the activity of bioactive compounds, such as plant hormones, as well as understanding their transport and the mechanisms by which they exert their effects at their target sites. Currently, the laboratory has one Professor and one Associate Professor as faculty members.

5. The Diversity and Inclusion Promotion Headquarters of our university is implementing various initiatives in addition to the project to subsidize the employment costs of technical assistants as shown in the attached document.
URL: https://www.dei.hokudai.ac.jp/en/

Attached document

1. Support for the employment of technical assistants over life events

Support recipient	woman	man	Maximum support amount (six months)
（A）Researchers who need to halt research due to leave such as maternity leave and childcare leave, care leave			450,000 yen
1. Researcher taking leave for one month or longer (Support is available from two months prior to the expected date of childbirth)	○		
2. Researcher taking leave for two months or longer (The period of support begins one month prior to the start of childcare leave)		○	
3. Researchers who take one month or more of nursing care leave	○	○	
（B）Researchers who are pregnant and are obliged to take specific medical examination (listed below), and have difficulty in work life balance because they cannot carry out a kind of experiment by themselves	○		250,000 yen
（C）Researchers other than those listed above			400,000 yen
1. Researchers who take care of children under the first grade of elementary school alone or with a partner of full-time job *1	○	○	
2. Researchers who routinely need to give cares to their family such as elder member and have difficulty in work life balance *2	○	○	
3. Other researchers who find it particularly difficult to balance work and family life due to their own life events	○	○	

*1 In this case, childcare must be done in the same household by a researcher and his full-time working partner only.

*2 This case may apply even if a researcher has difficulty in balancing a life event and research due to a reason such as the researcher's regular hospital visits.

2. Support for the employment of technical assistants for active female leaders

Support Eligibility	woman	man	Maximum support amount (six months)
◆Support for female leaders ・Female professors and associate professors (including specially appointed faculty members) at our university ・In particular, researchers who find it difficult to secure sufficient time for research due to duties associated with holding important positions*1 within and outside the university, such as university management and social contribution activities	○		1,800,000 yen April to February of the following year

*1 "important positions" Positions at the university or departmental administrative offices (vice president, vice director, assistant director, research institute director, deputy research institute director, council member, representative, etc.), positions within the Japan Academy of Sciences or academic societies (such as President, Councilor, Committee Member, Subcommittee Member, Affiliated Member, Chairperson, Vice-Chairperson, etc.), and positions on advisory committees of national or local governments, etc., which require continuous service over a long-term period (one year or more) and entail ongoing workloads, as well as positions appointed through requests or elections from other organizations or entities.