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

August 17th, 2021

We are inviting applications for the position of Professor in the Laboratory of Molecular Enzymology, Research Group of Applied Bioscience, Research Faculty of Agriculture, Hokkaido University. Please inform potential candidates of the following details on this position.

1. Title of position:
Professor (tenured)

2. Affiliation:
Laboratory of Molecular Enzymology, Research Group of Applied Bioscience, Research Faculty of Agriculture, Hokkaido University (see Appendix 1).

3. Duties in education:
Lectures, seminars, experimental works, practical training, and exercise courses related to the Laboratory of Molecular Enzymology (see Appendix 2, 3).

4. Qualifications:
1) Applicants should have a doctoral degree or Ph. D..
2) Applicants should possess excellent accomplishments and achievements in molecular analysis of glycosylase function and enzymatic carbohydrate generation by utilization of advanced approaches, in particular related to glycosylases active at α-glucans and α-glucooligosaccharides. Applicants must be capable of advancing education and research to develop the aforementioned academic fields (see Appendix 1).
3) Applicants should be highly motivated in teaching/instructing graduate and undergraduate students. Applicants should have the ability to teach/instruct them both in Japanese and in English (see Appendix 2, 3).
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 summaries of educational activities including those made in English and applicant's perspectives on education (either around 800 words in English or around 1,000 characters in Japanese)
6) Two sets of summaries 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 (Statement of Research Achievements) are available at the below URL.
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 30th, 2021

7. Scheduled starting date of employment:
April 1st, 2022

8. Destination of the documents:
Prof. Noboru Noguchi, 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 to the postal address indicated above. Please indicate on the envelope "Application for Professor in Molecular Enzymology " with red ink.

9. Contact person:
Prof. Yuji Kishima, Ph.D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan

Tel: +81-11-706-2439, E-mail: kishima@abs.agr.hokudai.ac.jp

10. Compensation:

1) Probation period:

3 months

2) Salary:

National University Corporation Hokkaido University Employee Salary Regulations

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

Appendix

1. The Laboratory of Molecular Enzymology is a member of the Research Group of Applied Bioscience, which is comprised of six laboratories. The Laboratory of Molecular Enzymology covers education and research of carbohydrate-active enzymes (particularly, glycosylases to hydrolyze and/or synthesize α-glucans and α-glucooligosaccharides) to clarify their molecular-level function and to utilize carbohydrates generated enzymatically. Using advanced approaches based on protein engineering, biochemistry and carbohydrate chemistry mainly, the laboratory implements clarification of function and its structure relationship, molecular elucidation of reaction mechanism and production of valuable carbohydrates, thereby achieving education and research to contribute to those fields internationally.

2. The successful applicant will partly or fully give the lectures listed below, for which the Laboratory of Molecular Enzymology is responsible.

(1) Subjects in the Graduate School of Agriculture: Study on Agricultural Science I·II, Seminar on Agricultural Science I·II, Applied Agriculture Science, Advanced Biotechnology, Advanced

Seminar on Biotechnology, Advanced Lecture on Applied Molecular Biology, Advanced Seminar on Applied Molecular Biology, and others.

(2) Subjects in the School of Agriculture: Molecular Enzymology, Protein Engineering, Fundamental Molecular Biology, Instrumental Analytical Chemistry, 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.

3. The laboratory staffs participate in “The Global Education Program for AgriScience Frontiers”. This program provides all graduate education to the course students, mostly international students, in English.