

March 22, 2021

To: Presidents of Applicable National, Public and Private Universities
Directors of Applicable Japanese Research Institutions
Directors of Applicable Overseas Research Institutions

From: Dean, Graduate School of Horticulture, Chiba University

Announcement of Job Opening

1. Job Opening

- (1) Position Graduate School of Horticulture, Plant Life Science and Biotechnology Division
(The name is subject to change)
Assistant Professor: 1 person
(Term of 5 years under the tenure-track system: The teaching-staff position will have a term, and the salary will be based on the Regulations Relating to the Chiba University Tenure-Track System. A mid-term review will be held in the 3rd year of employment, and a final review relating to a grant of tenure in the 5th year. Employees who pass the assessment may move to employment as tenured staff.)

(2) Main Courses to be Taught

- Graduate School of Horticulture
Master's Program (Course of Horticultural Science Applied Biological Chemistry Program)
Advanced Lecture on Applied Biological Chemistry (Omnibus),
Graduate Research I, Graduate Seminar I
Faculty of Horticulture (Department of Applied Biological Chemistry)
Analytical Biochemistry (Omnibus), Biophysical Chemistry (Omnibus),
Seminar on Applied Biological Chemistry (Omnibus),
Laboratory Work in Bioorganic Chemistry (Omnibus), Seminar and Research in Major General Education
Fundamental Chemistry A (Omnibus)

2. Requirements and Job Specifications

Applicants must satisfy all the following requirements:

- (1) Young scholars who have or are expected to obtain doctoral degrees.
- (2) Start date: October 1, 2021
- (3) Courses and Areas of Education and Research for which Applications Will Be Accepted

The Graduate School of Horticulture plans to establish five new courses within it as research divisions on April 1, 2021. Plant Life Science and Biotechnology Division, for which applications are being accepted now, will promote the discovery of new functions and plant components while simultaneously devising technologies to produce useful substances and create highly functional plants through breeding and biotechnology. Genome editing technology will also be utilized as well as plant factories to develop tailor-made varieties and test their functionality.

In addition, in the educational field of Applied Biological Chemistry, education and research is conducted with the aim of solving various problems facing humanity, such as food shortages, resources shortages, environmental issues, and infectious diseases, by advancing basic and applied research through the functional analysis of organisms and foods, metabolic products, and transmitters, all based on the knowledge, theories, and technologies that enable us to explore substances related to life and their dynamics.

(4) Required Personnel

Currently, the Graduate School of Horticultural Science is planning to establish a hub for implementing advanced horticultural technologies, and one of the goals of this hub is to contribute to health and preventive medicine by realizing the development, evaluation, and practical application of new foodstuffs and raw materials for medicine through collaboration between the fields of medicine and academia. With this call for applicants, we are looking for someone who can cooperate with medical institutions on research into the discovery of functional molecules from secondary metabolites, such as lipids and glycosides produced by plants, or the improvement of such functionality, with a view to practical application and taking a molecular chemistry approach that is centered on analytical chemistry. We are also looking for a person who can provide education and research guidance at the graduate and undergraduate levels with enthusiasm and sincerity.

In addition, you will be responsible for teaching specialized and shared-entry beginner-level subjects related to the Horticultural Course at the Graduate School of Horticulture within the Department of Applied Biological Chemistry at the Faculty of Horticulture. The classes will be conducted in Japanese, but some of the courses will be conducted in English. The selected candidate will also be expected to take an active part in other administrative activities in the university. Women and non-Japanese are welcome to apply.

3. Documents to be Submitted for Application

(Application documents will, in principle, not be returned.)

Please submit documents (1)-(7) printed on A4-sized paper as well as a CD containing the content of documents (1)-(7) recorded as separate PDF files.

- (1) Curriculum Vitae (2 copies)
- (2) List of published papers and other research achievements (2 copies)
- (3) Reprints of published papers/books (Maximum of ten major publications per applicant)
- (4) Record of experience/achievements in education (2 copies)
- (5) Other points deserving special mention (please mention such points as Grants-in-Aid for Scientific Research or other funds awarded by external organizations)
- (6) Overview of applicant's experience and achievements in research and education to date and aspirations for the future (approximately 2,000 words) (2 copies)
- (7) The names and contact information of two references who know the applicant well.

4. Application Deadline

Documents must arrive no later than May 20, 2021

5. Send Documents and Inquiries to:

Prof. Yukari Egashira, Director

Course of Horticultural Science Applied Biological Chemistry Program, Faculty of Horticulture, Chiba University
648 Matsudo, Matsudo-shi, Chiba 271-8510, Japan

E-mail: egashira@faculty.chiba-u.jp

(Note: Application documents should be sent by registered mail, but documents sent by EMS or courier services will also be accepted. On the front of the envelope, please write, in red, "Contains Application Documents for Applied Biological Chemistry Program.")

For information on the Graduate School of Horticulture and the Environmental Science for Applied Biological Chemistry Program, please visit <http://www.h.chiba-u.jp/english/index.html>.

6. Guidelines for Preparing Application Documents

(1) Curriculum Vitae

Please include your academic background, starting from high school graduation. Please enter overseas education and research only if it involved a stay abroad of at least 6 months.

(2) List of published papers and other research achievements

1) Original papers

- a) Papers published in academic or scholarly journals that have a peer-review system
- b) Papers published in academic reports of universities, proceedings of international conferences, or other literature.

2) Books and translations: Distinguish between independently authored and jointly authored works. For jointly authored works, state the part you were in charge of.

3) Reports

4) General articles, documents, book reviews

5) Articles written to disseminate information or for practical purposes

6) Other presentations at academic conferences, research conferences, lectures, symposiums, or seminars during the past 5 years. Limit the presentations mentioned to 10 main ones, and at the end of this section, enter the appropriate number in the "Plus ☐ more" area.)

7) Plans written to disseminate information or for practical purposes

8) Patents

9) Qualifications, skills

(3) Record of experience/achievements in education

Please list any courses, experiment supervision, or other activities you have overseen to date at undergraduate school, graduate school, or elsewhere (include experiment supervision from your post-doctoral period).

(4) Items deserving special mention

(There is no prescribed form for this. Please list items individually on A4-sized paper.)

Please download official formats for Curriculum Vitae, List of Published Papers and Other Research Achievements, and Record of Experience/Achievements in Education documents from the official Chiba University website.
(<http://www.h.chiba-u.jp/english/employment.html>)

7. Work Type

Fixed-term full-time staff

8. Salary

Remuneration will be an annual salary determined in accordance with the university's remuneration regulations (*1). In addition, an annual salary system (*2) will apply after tenure is secured.

*1 Chiba University Staff Remuneration Regulations

*2 Chiba University Remuneration Regulations for Staff on Annual Salary System
<http://www.chiba-u.ac.jp/general/disclosure/announce/index.html>

In the first year of the program, a start-up budget will be provided. In the case of female faculty members, this expense will be increased by the "Project to Support the Recruitment of Female Faculty Members in Science (Chiba University)."

9. Other

- (1) You may be asked to come to the university to be interviewed or conduct a seminar.
- (2) You may be asked to submit additional materials regarding your research achievements.