

Notice of Recruitment: Professor at the Graduate School of Agricultural Science, Tohoku University

1. Number of positions and job title

One professor

2. Department/Laboratory

Applied Bioorganic Chemistry, Biochemistry, Agricultural Chemistry, Graduate School of Agricultural Science, Tohoku University

3. Required qualifications (selection policy)

(1) An individual with a noble personality and a PhD degree who can appropriately provide education and research guidance to students.

(2) An individual with excellent knowledge on synthetic organic chemistry of bioactive natural products who can play an active role internationally and contribute to society.

(3) An individual who has a record of excellent research in the field of synthetic organic chemistry of bioactive natural products in the field of agricultural science, and who can promote the projects in the field of agricultural chemistry related to bioactive natural products.

(4) An individual who is willing to cooperate and actively commit to operational roles within the university.

4. Main research areas

Synthetic organic chemistry of bioactive natural products and related compounds

5. Main courses to be taught

(1) Graduate school

Advanced Bioorganic Chemistry (omnibus), Bioorganic Chemistry of Natural Products (omnibus), Synthesis of Biologically Active Natural Products (omnibus), Analytical Methods of Life Functional Substances (omnibus)

Chemistry of Biomolecules (Ph.D. course, omnibus)

(2) Undergraduate school

Organic Chemistry of Natural Products, Applied Bioorganic Chemistry, Reading of Scientific English II, Modern Agriculture and Agricultural Science (omnibus), Experiments in Agricultural Chemistry II (omnibus), Basic Experiments in Chemistry (omnibus)

6. Preferred start date

October 1<sup>st</sup>, 2023

7. Documents to be submitted for application (all documents should be prepared in A4 format (vertical))

(1) Curriculum vitae (photo and e-mail address required)

(2) A summary of research activities (about 400 words)

(3) A comprehensive list of research achievements listed in the following categories (place a circle on up to five main publications): journal articles (Indicate whether each paper is peer-reviewed or not and place an asterisk (\*) on papers for which you are the corresponding author. Indicate the latest impact factor (2-year impact factor) of each paper), doctoral thesis, books, review articles, awards, and others.

(4) A list of teaching experience

(5) A statement of research and teaching goals (about 400 words)

(6) A list of previous and current research funds, history of activities at academic societies, presentations made at international conferences (place an asterisk (\*) on invited lectures/presentations), and any other documents related to the selection policy.

(7) Name and contact information of two potential referees (please obtain prior approval)

(8) PDF files (offprints) of the main publications circled in (3)

(9) Combine (1)–(8) into a single PDF file (password protected) and send it as an e-mail attachment. The

subject line of the e-mail should read: “Faculty application (Tohoku University Graduate School of Agricultural Science)”

#### 8. Selection process

After an initial screening process, an interview will be conducted if necessary.

#### 9. Submission deadline

Documents must arrive by March 13 (Mon.), 2023

#### 10. Submission and contact information

Selection Committee for the Professor at the Applied Bioorganic Chemistry, Graduate School of Agricultural Science, Tohoku University

Chairman: Tomohisa Ogawa

E-mail: tomohisa.ogawa.c3\*tohoku.ac.jp (please replace \* with @)

#### 11. Additional information

- Tohoku University is committed to advancing diversity, equity, and inclusion (DEI) and welcomes applications from people with various backgrounds.

Tohoku University Declaration of Diversity, Equity and Inclusion (DEI): <http://tumug.tohoku.ac.jp/dei/>

- In conformity with Article 8 of the “Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment”, as a measure to improve the percentage of female faculty members, Tohoku University prioritizes the employment of women if the abilities required for the job are regarded equal based on a fair evaluation.

- Tohoku University possesses one of the largest on-campus childcare facilities among Japanese national universities. This includes Kawauchi Keyaki Nursery school (capacity: 22 children) and Aobayama Midori Nursery school (capacity: 116 children) which are available to all faculty and staff, and Hoshinoko Nursery school (capacity: 120 children) which is available to Seiryō campus members. There is also an on-campus child care center for mildly ill and convalescent children in Tohoku University Hospital that is available to all faculty and staff.

- Other details regarding work-life balance support (including measures to promote childcare leave for male faculty members), research support, and gender equality policies can be found on the websites below.

Tohoku University Center for Gender Equality Promotion website: <http://tumug.tohoku.ac.jp/dei/>

Tohoku University Human Resource Department website: <https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>

- Details on Tohoku University Graduate School of Agricultural Science can be found at: <https://www.agri.tohoku.ac.jp/en/>

The Applied Bioorganic Chemistry currently consist of the following staff.

Professor: Shigefumi Kuwahara \*

Associate professor: Masaru Enomoto

Assistant professor: Yasuhiro Meguro

\*Scheduled to retire in March 2023