



Tenure-Track Faculty Positions at the Tohoku Medical Megabank Organization

1. Open Positions: Assistant Professor or Lecturer (Senior Assistant Professor), 3 open positions

2. Location: Tohoku University Tohoku Medical Megabank Organization, Genome Analysis Division

[Tohoku University Tohoku Medical Megabank Organization](#) is a world-leading research center for large-scale genomic analysis, operating one of the world's largest and most comprehensive general-population biobanks. To pioneer next-generation personalized healthcare and prevention, ToMMo has built an "Integrated Biobank" based on a prospective cohort study of over 150,000 participants, including a highly unique [three-generation cohort](#). Furthermore, ToMMo drives cutting-edge genomic research, having completed Whole Genome Sequencing (WGS) for over 120,000 individuals.

3. Job Responsibilities: Successful applicants will establish and lead independent research groups as Principal Investigators (PIs) in one of the three fields below.

I. AI-driven Genomic and Information Science

- Advance data-driven life science research that leverages AI and machine learning, underpinned by large-scale genomic and omics data as well as supercomputing infrastructure.
- Demonstrate outstanding leadership in spearheading next-generation genomic informatics through collaboration with domestic and international partners.

II. Life-Course Omics Science

- Lead research to extend human healthspan through cutting-edge multi-omics analysis, capitalizing on the unique strengths of ToMMo's cohort samples and data.
- Conduct original research that delves into the fundamental principles of human biology by integrating longitudinal life-course health and disease data with large-scale omics information.

III. Disease Cell Biology

- Leverage core biobank resources, including cells and biospecimens linked to genotypic, longitudinal health information, and environmental factors, to drive original research using iPS cells for elucidating disease mechanisms,

drug discovery, and regenerative medicine.

- 4. Qualifications:** Candidates must hold a Ph.D. upon taking up the post and have outstanding achievements in the above-mentioned fields of expertise.
- 5. Start Date:** April 1, 2027, or as soon as possible thereafter
- 6. Compensation:**
- (1) Salary:
To be determined in accordance with university regulations, based on experience.
Annual salary system.
Approx. starting from 9,000,000 JPY
Commuting allowance may also be provided
 - (2) Employment type: Full-time
 - (3) Term: Tenure-Track Appointment of 5 years (No reappointments)

This is a tenure-track position. Candidates who successfully pass the tenure review before the end of the appointment term will be promoted to a tenured Associate Professor. The result of the tenure review will be communicated at least one year before the end of the appointment term.
 - (4) Working Hours: Discretionary Labor System for Professional Work. In general, the hours are from 8:30 to 17:15, but individuals have the discretion to manage their own hours.
 - (5) Days off: Saturdays, Sundays, public holidays, and New Year's holiday (from December 29 to January 3)
 - (6) Insurance Benefits: Enrollment in the MEXT Mutual Aid Association for health and pension insurance, employment insurance, and Worker's Accident Compensation Insurance
 - (7) Research Funding: Basic research funding of 1,000,000 JPY will be provided annually, along with funding to hire one postdoctoral researcher. Successful candidates will be expected to proactively secure external funding as well.
- 7. Submission Materials:**
- a) Resume ([Designated format](#))
 - b) List of Research Achievements (free format: research papers, patents, books, review articles, awards)
 - c) List of research funding grants, academic activities, and international conference presentations (free format)
 - d) Reprints of 10 major papers
 - e) Summary of research activities to date (free format: up to 2 pages)
- 8. Deadline:** November 13, 2026 (Fri.) 17:00 JST
*Late submissions not accepted
- 9. Submission** Please access the application form to complete the required form fields below and

Instructions: upload the required documents listed in the Submission Materials section:

<https://jotform.com/262107634175051>

- a) Desired research field chosen from the three fields listed in the Job Responsibilities section and statement of reason (maximum 120 words)
- b) Contact information for two references (researchers who can evaluate the applicant's research achievements and character), including their names, titles, email addresses, and telephone numbers

10. Contact Info:

- For research-related inquiries:
Professor Nobuo Fuse
Genome Analysis Division, Tohoku Medical Megabank Organization
E-mail: nobuo.fuse.b6@tohoku.ac.jp
- For inquiries regarding compensation:
General Affairs Office, Administrative Department,
Tohoku Medical Megabank Organization
E-mail: tommo-som@grp.tohoku.ac.jp

11. Remarks:

- Candidates may be asked to give a presentation as part of the selection process.
- Research and daily academic operations can be conducted in English. Japanese language proficiency is not required for this role.
- Tohoku University provides comprehensive support for international researchers relocating to Japan through the International Support Center (ISC), including assistance with visa procedures, housing arrangements, and life in Sendai.
 - Please see the Tohoku University International Support Center (ISC) website: <https://sup.bureau.tohoku.ac.jp/en/>
- Tohoku University promotes activities to increase Diversity, Equity and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university.
 - Tohoku University's website about the DEI Declaration can be found here: <https://dei.tohoku.ac.jp/en/vision/about/>
- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on impartial evaluation.
- Tohoku University has published 'Tohoku University-Live as Who You Are-Guidelines for Gender and Sexual Diversity' to provide explanations and details of how those at the university should respond with respect to diverse sexuality. The purpose of the guidelines is to create an environment in which all students, faculty, and staff respect diverse sexuality in their academic, research, and professional activities.
 - Please see the Tohoku University Center for Gender Equality Promotion

website: https://dei.tohoku.ac.jp/en/vision/consulting/for_minority/

- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working at Tohoku University Hospital. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children, which is available to all university employees.
- See the following website for information on these and other programs that Tohoku University runs to assist work-life balance, to support researchers, and to advance gender equality, including measures to promote childcare leave among male employees.
 - Center for Diversity, Equity, and Inclusion, Tohoku University Website: https://dei.tohoku.ac.jp/en/vision/consulting/for_family/
 - Human Resources and Planning Department website (Japanese text only): <https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>
- Tohoku University offers a Dual Career Program to assist the spouses or partners of qualified faculty members in seeking employment opportunities for academic and non-academic jobs within the university. For more information, please contact the recruiting department.