

Keio University
Human Biology-Microbiome-Quantum Research Center
Research Internship Program FY2025
Application Guidelines

Keio University Human Biology-Microbiome-Quantum Research Center (hereinafter referred to as WPI-Bio2Q) is offering a research internship opportunity as part of STaMP, a joint cross-disciplinary graduate English program for students interested in entering one of Keio's master's or doctoral programs in a WPI-related field, and invites applications for research internship students as follows.

Application Requirements

Whether in Japan or abroad, all applicants must meet either of the following criteria:

1. The applicant is currently enrolled in or has just graduated from a bachelor's or master's program and wishes to continue studying at the Keio University Graduate School of Medicine (Master's +PhD Program/PhD Program) in a field related to the WPI-Bio2Q.
2. The applicant is currently enrolled in or has completed a master's program and wishes to continue studying at a doctoral program at either the Keio University Graduate School of Science and Technology or the Graduate School of Pharmaceutical Sciences in a field related to the WPI-Bio2Q.

Acceptance Period

In principle, a 4–8-week period between April and the end of November 2025

Application Documents

Please prepare and submit the following documents in English:

1. CV
2. Statement of Purpose
3. Transcripts from all universities and graduate schools you have attended
4. Certificate of enrollment
*If you have not enrolled in a university or graduate school, submit a certificate of graduation from the last school you attended.
5. Letter of recommendation from an academic advisor (or equivalent)

Application Period

	Application Deadline	Announcement of Results	Internship Period
Application Period 1	December 1, 2024 (JST)	Around February 2025	April – July 2025
Application Period 2	April 1, 2025 (JST)	Around June 2025	August – November 2025

How to Apply

Please submit the application documents via the Keio Web Entry System:

<https://entry.jinji.keio.ac.jp//index.php?id=bio2q-internship-2025>

Applications are only accepted through this system. All applications must be submitted in English.

*When entering the "Full name (furigana)" field, if you do not know the furigana of your name, please copy and paste the following text into both the First name and Family name input fields.

フリガナ

Support Provided by WPI-Bio2Q

The following support will be provided to our research interns at WPI-Bio2Q:

- Round-trip travel expenses (for a single trip along a route approved by the Keio University WPI-Bio2Q)
- Daily allowance (2,400 yen/day, excluding Saturdays and Sundays)
*Not provided for work days that are less than 4 hours.
- Visa services (You will be provided with the necessary documentation if your country of residence does not have a visa exemption agreement with Japan
(https://www.mofa.go.jp/j_info/visit/visa/short/novisa.html))

List of Accepting Laboratories (Tentative)

PI Department/Division	Laboratory
Kenya Honda Microbiology & Immunology	Immunology, Microbiology, Intestinal microbiota http://www.microbiolimmunol.med.keio.ac.jp/
Kazuyoshi Ishigaki Microbiology & Immunology	Human immunology, Human genetics, Bioinformatics https://www.riken.jp/en/research/labs/ims/respir_aller_dis/index.html
Makoto Arita Physiological Chemistry & Metabolism	Lipidome Atlas, Lipoquality, Regulation of Inflammation, Bioactive molecules, Lipid Biochemistry, Metabolomics http://keio-pha-pcm.jp/en/
Haruhiko Siomi Molecular Biology	RNA biology http://siomilab.med.keio.ac.jp/
Toshiro Sato Medical Chemistry	Gastroenterology, Cancer biology, Regenerative medicine https://organoidmed.org/
Michisuke Yuzaki Neurophysiology	Learning, Memory, Synapse formation, Synaptic plasticity http://www.yuzaki-lab.org/
Shu Tanaka Applied Physics and Physico-Informatics	Quantum Annealing, Quantum Computing, Ising Machine, Statistical Physics, Computational Physics https://shutanaka.appi.keio.ac.jp/

Note to those who have been approved to participate in this program

Those enrolled in a Japanese university or graduate school must be covered by “Gakkensai” (Personal Accident Insurance for Students Pursuing Education and Research) and “Gakkenbai” (liability insurance coupled with Gakkensai). Those traveling from overseas must purchase their own health insurance and travel insurance to cover the internship period.

In order to participate in the program, you will be required to submit a non-disclosure agreement (NDA) regarding intellectual property.

It is your responsibility to secure accommodation for yourself.

Contact

Keio University

Human Biology-Microbiome-Quantum Research Center (Bio2Q)

Research Internship Coordinator

e-mail: bio2q@info.keio.ac.jp