

Keio University
Human Biology-Microbiome-Quantum Research Center
Research Internship Program FY2026
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 May 2026 and the end of February 2027. See Application Periods below.

Application Documents

Please prepare and submit the following documents in English:

1. Curriculum Vitae
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 Periods

	Application Deadline	Announcement of Results	Internship Period
Application Period 1	Dec. 1, 2025 (JST)	Around Feb. 2026	May 2026 – August 2026
Application Period 2	Apr. 1, 2026 (JST)	Around Jun. 2026	September 2026 – February 2027

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 workdays with activity time of 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]))

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-2026>

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

*If you do not have a login ID, please register your e-mail address from the URL above.

*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

Notes 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.

Inquiries/Contact

Keio University

Human Biology-Microbiome-Quantum Research Center (Bio2Q)

Research Internship Coordinator

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

List of Accepting Laboratories (Tentative)

PI / Affiliated PI	Laboratory
Kenya Honda, PI Bio-1 Core	<u>Honda Lab</u> : Immunology, Microbiology, Intestinal microbiota http://www.microbiolimmunol.med.keio.ac.jp/
Kaoru Hida Leong, PI Bio-1 Core	<u>Leong Lab</u> : Microbiome, Drug Metabolism (In coordination with Kenya Honda) https://bio2q.keio.ac.jp/news/new-member-leong/
Daniel R. Mende, PI Bio-1 Core	<u>Mende Lab</u> : Microbiome, Metagenomics, Computational Biology https://bio2q.keio.ac.jp/news/new-member-mende/
Nadinath B. Nillegoda, PI Bio-1 Core	<u>Nillegoda Lab</u> : Primate Proteostasis, Cell Repair, Protein Disaggregation, Primate gut repair after dysbiosis https://www.nillegodalab.info/
Leonie Brockmann, Jr. PI Bio-1 Core	<u>Brockmann Lab</u> : Mucosal Immunology, T cell biology, Tolerogenic Immunity, Immune-Microbiota Interactions (In coordination with Kenya Honda) https://bio2q.keio.ac.jp/news/new-member-brockmann/ https://orcid.org/0000-0002-7789-7616
Makoto Arita, PI Bio-1 Core	<u>Arita Lab</u> : Lipidome Atlas, Lipoquality, Regulation of inflammation, Bioactive molecules, Lipid biochemistry, Metabolomics http://keio-pha-pcm.jp/en/
Kazuyoshi Ishigaki, PI Bio-1 Core	<u>Ishigaki Lab</u> : Human immunology, Human genetics, Bioinformatics https://immunogenetics.med.keio.ac.jp/en/
Shohei Kojima, Jr. PI Bio-1 Core	<u>Kojima Lab</u> : Genetics, Virology, Bioinformatics (In coordination with Kazuyoshi Ishigaki) https://bio2q.keio.ac.jp/news/new-member-kojima/ https://researchmap.jp/kojima_shohei?lang=en
Toshiro Sato, PI Bio-2 Core	<u>Sato Lab</u> : Gastroenterology, Cancer biology, Regenerative medicine https://organoidmed.org/
Michisuke Yuzaki, PI Bio-2 Core	<u>Yuzaki Lab</u> : Learning, Memory, Synapse formation, Synaptic plasticity http://www.yuzaki-lab.org/
Yasuyo Minagawa, PI Bio-2 Core	<u>Minagawa Lab</u> : Developmental Cognitive Neuroscience, Developmental Psychology, Psycholinguistics https://psy.flet.keio.ac.jp/~minagawa/
Keiko Matsuda, Jr. PI Bio-2 Core	<u>Matsuda Lab</u> : Neuroscience (In coordination with Michisuke Yuzaki) https://bio2q.keio.ac.jp/news/new-member-matsuda/ https://researchmap.jp/kmatsuda?lang=en
Wataru Shihoya, Jr. PI Bio-2 Core	<u>Shihoya Lab</u> : Structural Biology https://researchmap.jp/wtrshh9/misc
Shu Tanaka, PI Q Core	<u>S. Tanaka Lab</u> : Quantum annealing, Quantum computing, Ising machine, Statistical physics, Computational physics https://shutanaka.appi.keio.ac.jp/

PI / Affiliated PI	Laboratory
Takahiko Koyama, PI Q Core	<u>Koyama Lab</u> : Quantum Computing, Artificial Intelligence in Life https://www.hgc.jp/~takak/
Yukari Fujimoto, Affiliated PI Bio-1 Core	<u>Fujimoto Lab</u> : Organic chemistry, Biomolecular chemistry, Immunomodulation https://www.chem.keio.ac.jp/fujimoto-lab/english/index.html
Kenjiro Hanaoka, Affiliated PI Bio-1 Core	<u>Hanaoka Lab</u> : Analytical Chemistry for Drug Discovery http://keio-analchem.jp/index-e.html
Yuki Kagoya, Affiliated PI Bio-1 Core	<u>Kagoya Lab</u> : Tumor Immunology, Institute for Advanced Medical Research-Division of Tumor Immunology https://tumorimmunol.med.keio.ac.jp/
Juntaro Matsuzaki, Affiliated PI Bio-1 Core	<u>Matsuzaki Lab</u> : Cancer Biology, microRNA, Extracellular Vesicles https://www.keio-nano.jp/
Masanori Osawa, Affiliated PI Bio-1 Core	<u>Osawa Lab</u> : Structural Biology, Protein-Protein Interaction, AI- guided drug discovery, Structure-based drug design https://square.umin.ac.jp/keio-skb/index-e.html *Available only in May - July 2026.
Kenji Tanaka, Affiliated PI Bio-2 Core	<u>K. Tanaka Lab</u> : Brain Sciences Institute for Advanced Medical Research-Division of Brain Sciences http://psy-keiomed-ect.com/index.html