

Job Opportunity: Assistant Professor in Department of Integrative Physiology

Medical Research Laboratory (MRL) of Institute of Science Tokyo (Science Tokyo) invites applications for a faculty position (Assistant Professor) in the field of Integrative Physiology.

1. Position

Assistant Professor

2. Areas of Research

At the Department of Integrative Physiology, we aim to develop novel diagnostic and therapeutic strategies for cardiovascular and systemic diseases by elucidating the mechanisms of homeostatic regulation based on the interactions among the cardiovascular, immune, and nervous systems. In particular, we focus on the role of neuro-immune networks in the pathogenesis of conditions such as heart failure–related death and sudden cardiac death, and promote research centered on the networks between the central nervous system and peripheral organs (Fujiu et al., *Nature Medicine* 2017; Sugita et al., *Nature Communications* 2021; Nakayama et al., *Science Immunology* 2024, among others).

We are seeking researchers with expertise in molecular biology, immunology, and physiological techniques using cells and mouse models, who are highly motivated to unravel the complex networks spanning the nervous, immune, and cardiovascular systems. We particularly welcome candidates eager to engage in studies on disease mechanisms using model animals and to participate in translational research involving human clinical specimens.

A prior research background in cardiovascular science is not required. We look forward to applications from individuals who can collaborate with a diverse range of colleagues, both within and outside the department (including basic and clinical researchers), to drive forward innovative research in physiology and disease.

3. Terms and Conditions of Employment

The contract of Full-time position will start from January 1, 2026 and will not exceed five years period, renewable based on an evaluation according to the rules and regulations of Science Tokyo once.

Salary will be determined by the annual salary system outlined by Science Tokyo regulations.

Female applicants are strongly encouraged to apply for this position, as Science Tokyo promotes gender-equality work environment. We provide career support programs for all staff that enable them to balance work and life, such as childbirth and child rearing.

Status of measures to prevent second-hand smoke : No smoking on the premises

4. Application Forms

- (1) Resume (Curriculum Vitae, etc.) (free form).
- (2) List of publications (free form).
- (3) Reprints of representative publications (up to 3 papers, photocopies acceptable).
- (4) Summary of the representative publications (100 words each).
- (5) List of research grants and patents (free form).
- (6) Summary of previous research contributions and future research and education plans (in 500 words).
- (7) A list of other achievements (Awards etc).

5. Work Location

Medical Research Laboratory, Institute of Science Tokyo
1-5-45 Yushima, Bunkyo-ku, Tokyo 113 - 8510, JAPAN

6. Deadline

October 17, 2025, Japan Standard Time.

7. Inquiry

Yushima Research Institute Administration Division, Institute of Science Tokyo

E-Mail: pr.mri.adm@tmd.ac.jp

Tel: +81-3-5803-4504

8. How to Apply

All the application documents must be sent to Administration Division. To apply, please enter the following [E-mail contents] at pr.mri.adm@tmd.ac.jp

Please contact us by E-mail by October 16, 2025.

We will send the URL and manual for submission to the university to the "destination email address".

[E-mail contents]

- Subject: "Application for the Assistant Professor position in the Integrative Physiology"
- Full name
- Destination email address

All information will be treated with the strictest confidentiality in accordance with pertinent laws and rules.