

Job Opportunity: Assistant Professor in Department of Robotic Science

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

1. Position

Assistant Professor

2. Areas of Research

The Department of Robotic Science is committed to establishing a new paradigm in life science research by utilizing robotics and artificial intelligence. Our objective is to overcome the limitations inherent in human-led experimentation through advanced automation, integrating robots with AI-based control systems. This approach enables the development of novel methodologies for multi-layered research, ranging from molecular and cellular levels to systems-level investigations. We are also engaged in building next-generation research infrastructure through collaboration between engineering and life sciences. This includes the development of fully automated, large-scale experimental facilities designed to coordinate and operate a wide range of robotic systems.

In this call, we seek researchers who possess knowledge and experience in the automation of life science experiments using robots such as humanoid robots and automated liquid handling platforms. We welcome applicants who can comprehensively understand hardware, software, operational procedures, and biology, and who have a proven track record of promoting collaborative research and technology development spanning both academia and industry as practitioners.

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 Robotic Science"
- Full name
- Destination email address

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