

Call for Postdoctoral Fellow (Full-time Fixed-term Project Researcher) (Kasai Laboratory)
at IRCN, The University of Tokyo

Using two-photon microscopy, optogenetics, molecular biology, electrophysiology, behavioral tasks, and theoretical approaches, we have found the structural plasticity of dendritic spines and their basis on memory and emotional function. Recently, we have discovered rapid mechanical transmission in spine synapses (Nature 2021) and are characterizing its cellular basis and cognitive consequences experimentally and theoretically (<https://www.bm2.m.u-tokyo.ac.jp/HomeE>). We are looking for young researchers from all over the world to join our endeavor. We welcome those applicants who wish to have extramural support, such as the JSPS fellowship.

1	Description Title / Number of positions	IRCN Project Researcher (Postdoctoral Fellow) / Two
2	Employment period	Starting Date As early as possible. The contract will be ended on March 31, 2023.
3	Renewable	Term The first contract will be ended on March 31, 2023. The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) according to research budget, research activity, and research achievements. Contract duration is until March 31, 2025. Probationary period is 6 months from the date of arrival.
4	Probationary period	Six months from the date of arrival.
5	Place of work	International Research Center for Neurointelligence, The University of Tokyo, Institutes for Advanced Study 7-3-1 Hongo Bunkyo-ku Tokyo, 113-0033 JAPAN
6	Affiliation	Kasai (IRCN principal investigator) Lab
7	Description	Using two-photon microscopy, optogenetics, molecular biology, electrophysiology, behavioral tasks, and theoretical approaches, we have found the structural plasticity of dendritic spines and their basis on memory and emotional function. Recently, we have discovered rapid mechanical transmission in spine synapses (Nature 2021) and are characterizing its cellular basis and cognitive consequences experimentally and theoretically (https://www.bm2.m.u-tokyo.ac.jp/HomeE). We are looking for young researchers from all over the world to join our endeavor. We welcome those applicants who wish to have extramural support, such as the JSPS fellowship.
8	Working Hours	Discretionary labor system, based on 7 hours, 45 minutes per day, or 38 hours 45 minutes per week
9	Holidays	Saturday and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays(December 29 through January 3)
10	Leaves	Paid leaves, Refreshment leave, congratulatory or condolence leave, etc (In accordance with The University of Tokyo regulations)
11	Salary & Benefits	<ul style="list-style-type: none"> ● Salary: To be determined in accordance with the University of Tokyo Regulations ● Commuter allowance: JPY55,000 per month at maximum ● No retirement benefits or bonuses
12	Available insurances	Eligible for MEXT* Mutual Aid Association membership, employees' pension, employment insurance, and workers' accident compensation insurance. (*MEXT: Japan's Ministry of Education, Culture, Sports, Science and Technology)
13	Qualifications	(Required) Ph.D. in Biology, or Neuroscience and a related field, Good communication skill in English (Preferred) Experiences in electrophysiology, molecular, cellular and behavioral neuroscience will be preferred.
14	Application	Application documents: <ul style="list-style-type: none"> ● Cover letter in English ● Curriculum vita in English Please download and use the University of Tokyo Standard Resume Format (https://www.u-tokyo.ac.jp/en/about/jobs.html). <ul style="list-style-type: none"> ● Publication list ● Name and contact address for two references, one of which should be a previous employer
15	Submission	Interested applicants should send application materials to: bm2#m.u-tokyo.ac.jp (Please replace # with @ before using this email address)
16	Application Deadline	2022/12/31
	Selection Process	All applications will be screened, and only those qualified will be scheduled for an interview (on-site or via video).
17	Inquiries	International Research Institute for Neurointelligence, Kasai lab. The University of Tokyo, 7-3-1 Hongo Bunkyo-ku Tokyo, 113-0033 JAPAN e-mail: bm2#m.u-tokyo.ac.jp Lab HP: http://www.bm2.m.u-tokyo.ac.jp
18	Recruiter Name	The University of Tokyo
19	Status of measures to prevent passive smoking	Smoking is prohibited on the premises (smoking areas are located outside)
20	Notices	(1) Submitted documents will not be returned. Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for the job selection process. (2) Travel cost will not be paid in screening process. (3) For details on work conditions, please see the University of Tokyo's Regulations Rules on Conditions of Employment of Fixed-term, Part-time Academic and Administrative Staff. (https://www.u-tokyo.ac.jp/en/about/rules_main.html) (4) The University of Tokyo promotes gender equality and actively encourages women to apply. (5) If you are personally in contract with foreign governmental bodies, corporations or universities, or you are in receipt of a large benefit (financial or any other form) from foreign governmental bodies during the period of your employment, the provisions of the Foreign Exchange and Foreign Trade Act (FEFTA) may prohibit or restrict the sharing of technology that are designated as controlled technology possibly making it difficult for you to fulfill your duties as an academic or administrative staff of the university as a result. Therefore, in such cases it is necessary to keep such contracts/benefits within the scope where it does not hinder the sharing of technologies necessary for your duties by the university.