

We are looking for postdoctoral fellow position in my group at Institute for Chemical Reaction Design and Discovery, Hokkaido University, Sapporo, Japan.

Employment Term is From March 1, 2026 to February 28, 2027
(Appointment may be renewed as every fiscal year in view of the circumstances and may be extended up to March 31, 2029).

High motivation to bridge AI and interdisciplinary fields such as chemistry, physics and biology is expected, rather than the applicant history in researches, who has some expertise in either of mathematical & Information science, data-driven science, chemical physics, and biological physics. Some of the following researches will be carried out to promote integrated research in computational, information and experimental sciences.

- (1) Efficient searching algorithm of knock-out gene sets for a targeted transcriptomic state by reinforcement learning
- (2) AI for measurements: AI-intervening Raman microscope
- (3) AI for measurements: acceleration of drug screening using animal model

Application Materials are as follows:

- (1) Curriculum Vitae

*Free format with an attached profile photo of the applicant, the following information should be included: Name, current address, telephone number and Email address, Date of Birth, academic history, degree(s), license, career history, awards, membership of organizations etc.

*Applicant who has been employed by Hokkaido University from April 1, 2013 (any position, including Part-time Lecturer, Teaching Assistant, Teaching Fellow, Research Assistant and Short-term Support Assistant, etc.) should provide full details of your employment history.

- (2) List of research activities, including original scientific papers, book chapters, other publications, presentations in scientific meetings, awards, and other relevant activities.

- (3) List of major publications (at most five)

* the following information should be included: summary, role, number of citations

- (4) Summary of past and current research (One A4 page or less)
- (5) Prospects and aspirations for future education and research at ICR_eDD (One A4 page or less)
- (6) A list of two references (including the names, phone numbers and e-mail addresses)

*All the above application documents must be written in English.

Application Deadline

February 28, 2026 (JST)

The period will be set relatively long to allow for broad recruitment, but if a suitable candidate is found before the deadline, a decision may be made earlier.

Application Submission

Files including the documents above should be sent to the following e-mail address:

E-mail: tamiki AT es.hokudai.ac.jp

*Change AT into @ when sending an e-mail.

*Please put "Postdoctoral fellow in ICR_eDD (Komatsuzaki group)" in the subject box.

*Personal information will be exclusively used for the screening.

Inquiries

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