

**Position Open: Postdoctoral Fellow at Hokkaido University  
Institute for Chemical Reaction Design and Discovery**

June 1, 2026

The Institute for Chemical Reaction Design and Discovery (ICReDD), Hokkaido University, as a global research center based on the "World Premier International Research Center Initiative (WPI)", which was supported by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT), constructs an international research environment which gathers world-leading researchers and establishes a research environment that integrates computational, information and experimental sciences, in order to establish a new academic field "Chemical Reaction Design and Discovery", to provide substantial knowledge on chemical reactions that efficiently develop chemical reactions and materials for the future necessity, and to sustainably cultivate human resources engaged in the field of "Chemical Reaction Design and Discovery".

We are inviting applications for the position of Postdoctoral Fellow (List group), Institute for Chemical Reaction Design and Discovery, Hokkaido University as follows.

**1. Name of Recruiting Institution**

National University Corporation Hokkaido University

**2. Position**

Postdoctoral Fellow, 2 opening

**3. Employment Term**

1 year from the starting date

(Appointment may be renewed as every fiscal year in view of the circumstances (hiring expense etc.) and could be extended up to March 31, 2028, within the range of 10 years from one's starting date.)

**4. Department**

(Just after hiring) Institute for Chemical Reaction Design and Discovery

(Scope of change) No change expected

**5. Location**

Sapporo (Hokkaido University), JAPAN

**6. Research Field**

Development of catalytic asymmetric reactions, catalyst design

**7. Job description**

(Just after hiring) In the ICReDD List group, the following research will be carried out mainly to promote integrated research in computational, information and experimental sciences.

(1) Development of stereoselective reactions using asymmetric catalysis

(2) Design of reactions and catalysts using computational chemistry and machine learning, and their experimental validation

(Scope of change) No change expected

**8. Qualifications**

(1) PhD degree(s) at the time of appointment

(2) Outstanding achievements and publications in the research field

(3) Ability and willingness to actively engage in interdisciplinary research

(4) Efficient communication skills in English for research activities

(5) Ability to conduct research activities effectively with PI in a team

**9. Desired Starting Date**

October 1st, 2026 or as early as possible after acceptance is notified (yet, still negotiable)

**10. Probation Period**

The probation period is one month.

**11. Salary**

Annual Salary System (Approx. 4.5 million JPY)

\*The salary will be determined in accordance with the regulations of Hokkaido University.

\*No travel expenses will be provided for the assignment or resignation.

## 12. Working Form

Discretionary labor system for professional work(\*) based on the employee's agreement or Fixed working hours system

\*The standard working hours for a day is deemed as 7 hours and 45 minutes.

\*The leaves will be granted in accordance with the University's rules and regulations.

## 13. Health Insurance and Pension

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association Services including Health Insurance, Employee Pension, Workers' Accident Compensation Insurance and Employment Insurance

## 14. Measures to Prevent Second-hand Smoke

Smoking in designated areas only

## 15. Application Materials

(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) Statement of proposal for your future research in ICReDD (Two A4 pages or less, the proposal must include a brief background, objectives, methodology, and potential impact of the research)

(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.

## 16. Application Deadline

July 31, 2026 (JST)

\*Recruitment may end earlier if the employee is decided before the deadline

## 17. Application Submission

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

E-mail: recruit AT icredd.hokudai.ac.jp

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

\*Please put "Application for Postdoctoral Fellow in ICReDD (List group)" in the subject box.

\*Personal information will be exclusively used for the screening.

## 18. Inquiries

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