

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

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)," 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, Institute for Chemical Reaction Design and Discovery, Hokkaido University as follows.

1. Name of Recruiting Institution

National University Corporation Hokkaido University

2. Position and number of openings

Postdoctoral Fellow, one opening

3. Employment Term

One year from the starting date

(Renewal of appointment may be offered up to 3 years from the starting date.)

4. Department

Institute for Chemical Reaction Design and Discovery (ICReDD)

5. Location

Sapporo, Hokkaido (Hokkaido University)

6. Research Field

Synthetic organic chemistry (development of new chemical reactions), Computational chemistry

7. Job Description

The successful candidate will propose ideas of new chemical reactions from the viewpoint of organic chemistry and will design new reactions and catalysts by collaboration with computational scientists in ICReDD. In addition, predicted new reactions will be experimentally validated. Basic knowledge of quantum chemical calculations and high experimental skills for organic chemistry (transition-metal-catalyzed and organocatalytic transformations etc.) are required.

8. Qualifications

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

(2) Outstanding achievements and publications in the research field

(3) Strong motivation for research and other duties related to the management of the ICReDD

(4) Efficient communication skills in English for research activities

(5) Ability to conduct research activities independently and in a team with strong motivation for interdisciplinary research

9. Desired Starting Date

As early as possible after acceptance is notified (yet, still negotiable)

10. Probation Period

The probation period is one month.

11. Salary

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

12. Working Form

Discretionary labor system for professional work

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

13. Health Insurance and Pension

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 (each graphical abstract should be embedded in the list), book chapters, other publications, presentations in scientific meetings, awards, and other relevant activities. (Free format)

(3) Summary of past and current research (two A4 page or less)

(4) Statement of proposal for your future research (two A4 page or less)

(5) A list of two references (including the names, phone numbers and e-mail addresses)

16. Application Deadline

Recruitment ends as soon as the employee is decided.

17. Application Submission

Combine all the documents above into one PDF file and send 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 ICRéDD (Mita group)" in the subject box.

Or the printed-out documents should be sent to the following address via registered mail with "Application for Postdoctoral Fellow in ICRéDD (Mita group)" in red ink on the surface of the envelope.

Administrative office of Institute for Chemical Reaction Design and Discovery, Hokkaido University
Kita 21 Nishi 10, Kita-ku, Sapporo Hokkaido 001-0021 Japan

*The documents once submitted will not be returned. Personal information will be exclusively used for the screening.

18. Inquiries

Specially Appointed Associate Prof. Tsuyoshi Mita

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Phone: +81-11-706-9653

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

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

19. Others

At Hokkaido University, we actively promote both education and research while fostering diverse human resources and gender-equality. Therefore, we explicitly invite women qualified in this research field to apply.