

**Position Open: Postdoctoral Fellow at Hokkaido University  
Faculty of Science**

We are inviting applications for the position of Postdoctoral Fellow at the Laboratory of Theoretical Chemistry at Hokkaido University (Professor, Satoshi Maeda).

**1. Name of Recruiting Institution**

Hokkaido University

**2. Position**

Postdoctoral Fellow, 1 opening

**3. Employment Term**

From the earliest possible date after April 1, 2025 (negotiable) to March 31st, 2026

(Appointment may be renewed as every fiscal year in view of the circumstances (hiring expense etc.) and could be extended up to March 31, 2030.)

**4. Department**

(Just after hiring) Faculty of Science

(Scope of change) No change expected.

**5. Location**

Sapporo, JAPAN (Hokkaido University)

**6. Research Field**

Computational Chemistry, Informatics, Organic Chemistry

**7. Job description**

(Just after hiring) As a member of JST CREST project (Principal Investigator: Professor, Satoru Iwata at The University of Tokyo), the following research will be carried out.

(1) Theoretical developments related to the artificial force induced reaction (AFIR) method and the virtual ligand method.

(2) Reaction development using the AFIR method and the virtual ligand method.

(3) Development of new computational methods for reaction development and molecular design led by computational chemistry.

(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) Strong motivation to actively engage in new integrations with different fields

**9. Probation Period**

The probation period is one month.

**10. Salary**

Annual Salary System

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

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

**11. 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.

**12. 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

**13. Measures to Prevent Second-hand Smoke**

Smoking in designated areas only

#### **14. 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 three)

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

(4) Summary of past and current research (One A4 page or less)

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

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

#### **15. Application Deadline**

Recruitment ends as soon as the employee is decided.

#### **16. Application Submission**

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

E-mail: riron AT sci.hokudai.ac.jp

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

\*Please put "Application for Postdoctoral Fellow" in the subject box.

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

#### **17. Inquiries**

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