

**Recruitment of Specially Appointed Associate Professor
or Specially Appointed Assistant Professor
(Material Science Field)
in the Co-Creation Core for Next-Generation Soft Materials, Hokkaido University**

We sincerely invite applications for the Specially Appointed Position of Associate Professor or Assistant Professor (Material Science Field) in the Co-Creation Core for Next-Generation Soft Materials, Hokkaido University as follows.

February 21, 2025

[Background of Recruitment]

At the Hokkaido University Co-Creation Core for Next-Generation Soft Materials, we conduct both fundamental and applied research on novel soft materials that harness the unique properties of natural polymers extracted and purified from agricultural, forestry, and fishery resources. Our research encompasses seven departments, including Science, Engineering, Medicine, Agriculture, Fisheries, Hokkaido University Hospital, and the Field Science Center for Northern Biosphere. We are currently seeking a specially appointed faculty member to engage in research and development of new soft materials derived from natural polymers extracted and purified from agricultural and fishery resources. This faculty member will primarily be based in the Soft Material Synthesis Division and the Physical Properties and Measurement Division, collaborating with the Medical Application Division, the Primary Industry Application Division, and the Preparatory Organization for Natural Polymer Bank. The research will focus on the development of natural polymer-based soft materials and the analysis of their structural-property correlations, with potential applications in medicine and environmental fields.

We are seeking candidates who have an interest in polymer materials science, structural analysis, and natural polymers (such as polysaccharides, proteins, DNA, and natural phenolic compounds). Additionally, applicants should possess a strong motivation to extend beyond their field of expertise, actively engage in interdisciplinary research, and foster international collaborative research with overseas partner institutions.

[Division]

(Immediately after hiring) Co-Creation Core for Next-Generation Soft Materials (Administered by the Faculty of Advanced Life Science)

(Scope of Change) Location as determined by the university.

[Research Area]

Polymer Material Science, Polymer Structure Analysis, Natural Polymers

[Duties and Responsibilities]

(Immediately after hiring) Conduct research on the extraction and purification of natural polymers, their chemical composition and structural analyses, evaluation of their physical properties, and the development of new soft materials using these polymers.

(Scope of Change) Duties as determined by the university.

[Number of Positions]

One position: Specially Appointed Associate Professor or Specially Appointed Assistant Professor (Full-time, fixed-term for up to five years, non-renewable).

[Work Location]

North-21 West-11 or North-11 West-10 or North-9 West-9, etc. Kita-ku, Sapporo, Japan.

(Considering your research field, the work location is decided by the Management Office of Co-Creation Core.)

[Desired Start Date]

As soon as possible after September 1, 2025 (negotiable).

[Qualifications]

1. Possess or expect to obtain a doctoral degree by the time of appointment.
2. Outstanding research ability and research achievements in research related to polymer material science.
3. Excellent research ability and achievements in the field of natural polymers.
4. Exceptional research ability and achievements in evaluating polymer material's physical properties, structure, and chemical characteristics of polymer materials.

[Salary]

Salary Based on the Hokkaido University's Regulations for Specially Appointed Faculty.

[Probation Period]

One months.

[Working Form]

Discretionary labor system for professional work or Fixed working hours system based on agreement.*The working hours for a day is deemed as 7 hours and 45 minutes..

[Holidays]

Saturdays, Sundays, national holidays, year-end and New Year holidays (December 29–January 3), and other university-designated holidays.

[Insurance]

Enrollment in the Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, welfare pension, employment insurance, and workers' compensation insurance.

[Name of Recruiting Institution]

Hokkaido University.

[Measures to Prevent Secondhand Smoke]

Smoking is prohibited on campus except in designated outdoor smoking areas.

[Application Deadline]

April 25, 2025.

[Application Documents]

1. CV (any format, including details of awards and penalties, with a photograph).
*If you have held any position at Hokkaido University (e.g., part-time lecturer, TA, TF, RA, or short-term support staff) since April 1, 2013, include these in your work history.
2. Research achievements:
 - a) Original articles (peer-reviewed only). Mark corresponding author names with an asterisk (*), include citation counts and impact factors and indicate publications in top 10%.
 - b) Reviews and commentary.
 - c) Books.
 - d) Patents (clearly indicate application/registration and domestic/international distinctions).
 - e) Invited conference presentations.
 - f) Record of external funding (distinguishing between principal investigator and co-investigator).
 - g) Other contributions to society, etc.
3. Summary of previous research (up to 2 A4 pages).
4. Future research aspirations (up to 2 A4 pages).
5. Names and contact information of two references.
6. PDFs of three key publications.

[How to Apply]

Submit the above documents via the following Google Form:

Google Form: <https://forms.gle/VaJhBTp9ePMm9qZDA>

Login to a Google account is required. If you do not have an account, please create one.

- Combine items (1)–(5) into a single password-protected PDF file. No password is required for item (6).
- Update your Publons ID (Web of Science Researcher ID) or ORCID ID with the latest information and include it in the form.

Submitted documents will only be used for selection purposes and will be disposed of responsibly after the process.

[Selection Process]

Shortlisted candidates will be invited for an interview. Note that travel expenses for the interview are the applicant's responsibility.

[Contact Information for Recruitment Inquiries]

Associate Prof. Takayuki NONOYAMA, Director, Co-Creation Core for Next-Generation Soft Materials, Hokkaido University (Faculty of Advanced Life Science)

E-mail: nonoyama(AT)sci.hokudai.ac.jp (Please change (AT) to @ for sending e-mail.)

[Contact Information for Document Submission Inquiries]

Ms. Sakurako NARITA, Research and Education Support Manager

E-mail: adv_apply(AT)sci.hokudai.ac.jp (Please change (AT) to @ for sending e-mail.)

Remarks

1. Hokkaido University actively promotes education and research activities by diverse human resources and welcomes applications from women.
2. As part of the university's gender equality initiative, if candidates are equally qualified, preference will be given to women.
3. The university's Diversity and Inclusion Office is committed to creating an inclusive research environment. For more details, visit: <https://www.dei.hokudai.ac.jp>