

- **Job Opportunity for Postdoctoral Researcher in the Field of Catalysis for Organic Synthesis and Polymer Conversion at Integrated Research Consortium on Chemical Sciences (IRCCS), Nagoya University**

- Position Summary: Integrated Research Consortium on Chemical Sciences (IRCCS), Nagoya University is seeking TWO postdoctoral researchers for the Noyori Laboratory.

- 1. Affiliation: Integrated Research Consortium on Chemical Sciences (IRCCS), Nagoya University

- 2. Number of positions: TWO “Postdoctoral Researchers”

- 3. Salary and benefits: Conforming to Nagoya University Pay Rules under the Annual Salary System.

- 4. Expected starting date: At the earliest convenience from the date as of June 1st, 2023

- 5. Term: from the date taken up the position till March 31st, 2025; the employment will be extended depending on the research performance of the appointee.

- 6. Qualifications: Holder of a doctorate (Ph.D.) degree (before taking up the position). A good command of English and/or Japanese is required. Enough experience and knowledge in organic synthesis, molecular catalysis, polymer synthesis, semiconductor photocatalysis, and/or machine learning are required.

- 7. Mission: As part of the Core Research for Evolutional Science and Technology (CREST) area “Precise Materials Sciences for Degradation and Stability”, the appointee will join the project “Development of novel molecular catalysts for chemically upcycling highly oxidized carbon materials” at the Noyori Laboratory of IRCCS (PI: Prof. Susumu Saito) and cooperate with other members on research projects running in the laboratory. Specific projects are: 1) Molecular catalysis for polymer degradation/functionalization; 2) Heterogenized molecular catalysis/semiconductor photocatalysis for reduction of bio-renewables and for organic synthesis; 3) Machine Learning for catalyst evaluation/prediction to pave a new avenue for molecular catalysis.

- 8. Application deadline: September 30th, 2023. The call will be closed as soon as the two appointees would be decided.

- 9. Selection: Based on the submitted documents, applicants who pass the primary screening will be invited for an interview online.

- 10. Application: Compile a .pdf file containing the following 6 items (in either Japanese or English), and send the file by e-mail to the address below. The title of the e-mail should be “Application for CREST/IRCCS PosDoc (Noyori Lab)”.

- (1) Curriculum vitae (with a photo)
- (2) List of publications, oral and poster presentations
- (3) copies of not more than three representative publications
- (4) Summary of research (A4, 1–2 pages)
- (5) Research plan encompassing two of the following subjects: molecular catalysis, organic synthesis, polymer degradation/functionalization, and machine learning (A4, 1–2 pages)
- (6) Two contact references (name, affiliation, and e-mail address)

- 11. Contact: Professor Susumu Saito
 PI of the Noyori Laboratory
 Integrated Research Consortium on Chemical Sciences (IRCCS), Nagoya University
 E-mail: saito.susumu.c4@f.mail.nagoya-u.ac.jp

- **Further Information:**

- • The applicant should pay his/her own traveling expenses, if any, for the in-person interview.
- Online interviews will be held in most cases.
- • Application documents will not be returned to the applicant.
- • The applicant's personal information will only be used in the selection process.
- • Nagoya University commits to gender equality:
- <http://www.kyodo-sankaku.provost.nagoya-u.ac.jp/en/>

- In November 2021, with the clarification of the scope of control of “deemed exports” under the Foreign Exchange and Foreign Trade Act (“FEFTA”), a portion of the provision of confidential information must comply with FEFTA.

Technology provided by universities and research institutions to faculty and staff is FEFTA is subject to control. As a result of this change, faculty applications will also be subject to FEFTA controls.

When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart.

In addition, faculty members are required to submit a “Confirmation Form” at the time of employment.

https://www.sci.nagoya-u.ac.jp/files/pdf/yoshiki1_e.pdf

*Please contact us if you are unsure whether any of the above categories apply.

Academic Research & Industry-Academia-Government collaboration Export Control Division

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