

Postdoctoral Fellow(full-time)
(Miyanari Group, Nano life Sciences Institute, Kanazawa University)

We are currently recruiting a postdoctoral fellow in Miyanari Laboratory as follows.

1. **Number of Position** One
2. **Period of employment** From October 1, 2024, or as early as possible if later, to March 31, 2025
*The date of hire is negotiable. (The contract may be renewed every year)

3. **Job Description**

Our lab studies how cell-fate decision is regulated in mammalian by focusing chromatin mediated gene regulation. The key words of their studies are chromatin, epigenetics, transcriptional regulation, mammalian development, stem-cell, cell-lineage allocation. We are trying to understand how individual cells acquire specific phenotype by focusing transcriptional regulation at chromatin level. We use mouse ES cells, iPS cells, early mouse embryos as model systems for their studies, and utilize several different techniques including imaging and next-generation sequencing.

Selected publications

[Miyanari Y. Nature 2012](https://doi.org/10.1038/nature10807), <https://doi.org/10.1038/nature10807>

[Miyanari Y. Nature Struct.Mole.Biology 2013](https://doi.org/10.1038/nsmb.2680), <https://doi.org/10.1038/nsmb.2680>

[Kurihara M. Molecular Cell 2020](https://doi.org/10.1016/j.molcel.2020.04.004), <https://doi.org/10.1016/j.molcel.2020.04.004>

[Ishii S. Nature Genetics 2024](https://doi.org/10.1038/s41588-024-01658-1), <https://doi.org/10.1038/s41588-024-01658-1>

HP: <https://sites.google.com/view/miyanarilab/home>

We are looking for a highly motivated researcher who want to contribute to challenges of “big science” as a "Postdoc". Since our institute (NanoLSI) is an international institute, it is preferable that candidates communicate and collaborate in English.

Academic background Doctoral degree has been conferred or will be conferred when he/she arrives at the post.

4. **Requirements**

Expertise in chromatin studies, such as NGS, protein purification, analyses of mutant mice.

5. **Institution** Nano Life Science Institute (NanoLSI) or Institute for Frontier Science Initiative

6. **Working hours** 8:30 – 17:00 (recess 45 minutes) 38 hours and 45 minutes a week

Holidays: Saturdays, Sundays, national holidays, and year-end and new year holidays (Dec. 29-Jan.3)

8. **Compensation** - Employment status: Adjunct employee of Kanazawa University (full-time worker)

- Salary: Approximately 4.3 to 4.6 million yen per year

- Leave, allowances, etc. shall be as prescribed in the Rules of Employment and Salaries for Part-time Employees

- Eligibility to Social insurance: Yes (Health insurance and welfare pension)

- Eligibility to Unemployment insurance: Yes

9. **Application** Please send the following application documents below 1) to 4) by e-mail.

Email : [nanolsi-jobs\[at\]adm.kanazawa-u.ac.jp](mailto:nanolsi-jobs[at]adm.kanazawa-u.ac.jp)

*Please title the e-mail "Application for Postdoctoral Fellow (Prof. Miyanari)."

【Application Documents】

1) Curriculum vitae with a recent photograph of the face, describing present address, phone number, e-mail address, academic career, research career, professional career, and other relevant information.

2) List of research activities, including original scientific papers, book chapters, other publications, presentations in scientific meetings, awards, and other relevant activities.

3) A description of the applicant's research interests, achievements, and future research plan (~1 pages)

4) Contact info for a recommender

10. **Application period** November 30, 2024 Deadline

Note; We will review submitted documents as soon as we receive them, and may determine the final candidate even before the deadline.

11. **Selection** Document screening and interviews

12. **Contact** Nano Life Science Institute (NanoLSI), Kanazawa University, Professor, Yusuke Miyanari
Tel: +81-76-234-4571 Email: miyanari@staff.kanazawa-u.ac.jp

If you have any questions regarding employment regulations or administrative procedures, please contact the following address.

Nano Life Science Institute, Kanazawa University
Tel: +81-76-234-4550 Email: nanolsi-jobs@adm.kanazawa-u.ac.jp