

# **Call for Applications: Program-Specific Researcher (Postdoctoral Fellow), Single-Cell Genome Information Analysis Core (SignAC)**

Institute for the Advanced Study of Human Biology (ASHBi), KUIAS Kyoto University

15 June, 2023

Institute for the Advanced Study of Human Biology (ASHBi) was selected by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) as a part of the World Premier International Research Center (WPI) Program, and it was established within Kyoto University Institute for Advanced Study (KUIAS) on 30 October 2018 with Mitinori Saitou, a world-leading developmental biologist, at its head.

ASHBi is looking for a Program-Specific Researcher (Postdoctoral Fellow) in Single-Cell Genome Information Analysis Core (SignAC) at ASHBi. Details are as follows.

## **1. Job Titles:**

Program-Specific Researcher (Postdoctoral Fellow)

## **2. Number of Positions:**

One (1)

## **3. Affiliation:**

Institute for the Advanced Study of Human Biology (ASHBi), KUIAS Kyoto University  
Yoshida Konoe-cho, Sakyo, Kyoto 606-8501 Japan

## **4. Eligibility:**

Essential requirements are as follows:

1. The candidate has a Ph.D.
2. The candidate has excellent research achievements in the related fields.
3. The candidate should have the ability to develop and manage his/her research projects.
4. The candidate has high-level communication skills in English

## **5. Starting Date:**

August 1, 2023 or the earliest possible date thereafter (adjustable according to individual requirements)

## **6. Term:**

From the day you take the position (negotiable) to March 31, 2024.

In and after the following year, the contract will be renewed annually depending on achievements until the research project ends (maximum up to March 31, 2027).

Initial probationary employment period: six (6) months

## **7. Job Descriptions:**

Single-Cell Genome Information Analysis Core (SignAC) at the Institute for the Advanced Study of Human Biology (ASHBi), Kyoto University, aims to establish state-of-the-art techniques to extract and analyze multi-omics data from individual cells of various biological samples. SignAC is seeking a candidate for a Program-Specific Researcher (Postdoctoral Fellow) to accelerate its mission.

The successful applicant will develop novel methods to uncover long-range epigenome dynamics in single-cell and single-molecule resolution using high-throughput long-read sequencers. He/she will also be involved in interdisciplinary collaborative projects with research groups both inside and outside of ASHBi, applying these and other methods using the long-read sequencers to understand critical biological processes in humans.

## **8. Working Conditions:**

Five (5) working days per week (days off: Saturdays, Sundays, public holidays, year-end and New Year holidays, Foundation Day, as per University guidelines)

Working hours: 38 hours 45 minutes per week under a discretionary labor system.

## **9. Salary:**

Paid annually in compliance with the rules of Kyoto University.

## **10. Allowance:**

No allowance (such as for commuting, housing, bonuses, etc.) will be provided.

## **11. Social Insurance:**

National Public Service Mutual Aid Association health policy

Employee's pension insurance

Employment insurance

Worker's accident insurance

## **12. Deadline:**

Open until the position is filled.

## **13. Evaluation Procedure:**

Submitted applications will be reviewed, followed by interviews for short-listed candidates. Potential applicants are welcome to contact [Dr. Taro Tsujimura](#) for inquiry before submitting application.

## **14. Application Method:**

Application documents must be prepared in English according to the "**Application Guidelines**", and

submitted as email attachments.

**Submit via email to: [ASHBi-recruit@mail2.adm.kyoto-u.ac.jp](mailto:ASHBi-recruit@mail2.adm.kyoto-u.ac.jp)**

**15. Additional Information:**

Submitted documents are used only for the purpose of applicant screening and hiring. Personal information will not be disclosed, transferred or loaned to a third party under any circumstances without just cause. Kyoto University promotes gender equality. Responses and applications from female researchers are highly welcomed.

To prevent passive smoking, Kyoto University prohibits smoking at indoors and outdoors at all campuses except for the designated smoking areas.

# Application Guidelines

Follow the instructions below to prepare and submit your application. Write in English, and use a 10.5 point font or larger. You may include photographs or charts in color or black and white. Please submit your application via email.

**Deadline:** Open until the position is filled  
**Submit by email to:** ASHBi-recruit@mail2.adm.kyoto-u.ac.jp  
**(Related documents should be sent as email attachments)**

Applications with serious deficiencies and/or false information will not be evaluated.

## 1. Basic Information (CV)

- (1) Name
- (2) Home Address and Contact Information (phone, email, etc.)
- (3) Date of Birth, Age
- (4) Academic Degree (including date of acquisition)
- (5) Nationality
- (6) Current Appointment (your current affiliation, department, and position)
- (7) Education
- (8) Professional Experience
- (9) Awards
- (10) Contact details of two references (name, affiliation, position, address, e-mail address)

## 2. Research achievement (within 2 pages)

Concisely describe your research interest and research achievement so far.

## 3. Research plans at ASHBi (within 1 page)

Explain how you think your expertise will contribute to the research projects at ASHBi indicated in the job description. You may also include an outline of your research plans that you wish to pursue at ASHBi.

## 4. List of Publications/Grants

Describe your publications in reverse chronological order, including published papers, books, invited lectures, awards, patents, etc. Describe the grants you obtained.

## Contact

Email: ASHBi-recruit@mail2.adm.kyoto-u.ac.jp

Address: Institute for the Advanced Study of Human Biology (ASHBi) KUIAS, Kyoto University  
Yoshida Konoe-cho, Sakyo, Kyoto 606-8501 Japan