

**Call for Applications: Program-Specific Researcher (Postdoctoral Fellow)
Bioinformatics Scientist,
Stem Cell Biology/Hematology Group (R. Yamamoto Group)**

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

11 November 2022

Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) recently selected the Institute for the Advanced Study of Human Biology (ASHBi) for participation in the World Premier International Research Center (WPI) Program, establishing it 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 now looking for a Program-Specific Researcher (Postdoctoral Fellow), who will work on bioinformatics analysis in the laboratory of Associate Professor Ryo Yamamoto (Stem Cell Biology/Hematology Group). Details 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 and ability to supervise postdoctoral fellows and graduate students
3. The candidate should have the ability to develop and manage his/her research projects
4. The candidate should have the ability to analyze single cell RNA sequence data

5. Starting Date:

January 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 can be renewed annually depending on achievements until March 31, 2025.

Initial probationary employment period: six (6) months

7. Job Descriptions:

ASHBi will investigate the core concepts of human biology with a focus on genome regulation and disease modeling, creating a foundation of knowledge for developing innovative and unique human-centric therapies. The key goals are: 1) to achieve outstanding research in key individual themes in human biology in the area of reproduction, development, growth and aging as well as heredity and evolution; 2) to elucidate the principles for the emergence of species differences among humans, non-human primates, and rodents for proper extrapolation of the findings in model organisms to humans; 3) to generate primate models for key gene functions and intractable diseases; 4) to reconstitute key human cell lineages and tissues in vitro and validate their properties based on integrative information; and 5) to contribute to formalize an ethics for the use of human/non-human primate materials and create a philosophy to direct the values of the Institute's research outcomes.

The institute is seeking suitable candidates for Program-Specific Researcher (Postdoctoral Fellow) to accelerate its mission. Stem Cell Biology/Hematology group (R. Yamamoto group) will perform transcriptome, epigenome, and functional analysis of mouse/human/macaque primary cells (hematopoietic stem cells). The candidate is expected to perform high-level research and act as the leading researcher in human biology and the related fields.

- 1) To analyze single cell RNA seq data
- 2) To elucidate mechanisms of self-renewal and differentiation, of aging of hematopoietic stem cells, and/or of hematological malignancies

8. Working Conditions:

Five (5) working days per week (days off: Saturdays, Sundays, public holidays, year-end and New Year holidays, Foundation Day, and summer vacation, 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 positions are filled.

13. Evaluation Procedure:

Submitted applications will be reviewed, if necessary followed by interviews for short-listed candidates.

14. Application Method:

Application documents must be prepared in English according to the "**Application Guidelines**", and submitted as email attachments.

Please write the title as "Application for ASHBi R. Yamamoto G Program-Specific Researcher (Bioinformatics Scientist)".

Submit via email to: 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) Recent Photograph
- (4) Date of Birth, Age, and Gender
- (5) Academic Degree (including date of acquisition)
- (6) Nationality
- (7) Current Appointment (your current affiliation, department, and position)
- (8) Education (begin with high school and list education)
- (9) Professional Experience
- (10) Awards
- (11) Position Sought (host research group name, job title)
- (12) Contact details of two (2) references (name, affiliation, position, address, e-mail address)

2. 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