

Faculty Position in the Research Institute for Microbial Diseases, The University of Osaka

Outline	The Department of Systems Biomedical Science conducts research on gene expression and cell fate regulation in aging, cancer, and development, using approaches from molecular biology, cell biology, and informatics. We seek a candidate who will contribute to our AI research project focused on learning and predicting epigenome states from large-scale next-generation sequencing data. The research project involves the development and application of new AI models for analyzing sequence data obtained from next-generation sequencing using PyTorch. We welcome applications not only from individuals with a background in bioinformatics or other life science informatics research, but also from those without prior life science research experience who possess a background in computer science or AI research (particularly technical skills or experience with AI methods for language or sequence data). We also encourage applications from those interested in applying AI to medicine or biology, those considering a career shift from computer science or AI research to life science research, and those interested in AI applications for healthcare or drug discovery. Selected candidates will contribute to both research and graduate/undergraduate education. Inquiries regarding research content and direction are welcome.
1. Position	Specially Appointed Assistant Professor (Full-time)
2. Number of Positions	1 (One)
3. Affiliation	Research Institute for Microbial Diseases (Department of Systems Biomedical Science)
4. Work Location	Suita Campus (3-1 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	AI, Machine Learning, Computer Science, Bioinformatics
6. Responsibilities	・ Research activities and technology development of large-scale AI for epigenome data analysis. ・ Educational activities for undergraduate and graduate school students
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree. (2) Excellent research achievements in the related field/s. Example: publishing a paper in AI-related field, or some equivalent achievements. (3) Experiences in AI research and AI technology development activities using Python and PyTorch. (4) Business level or above Japanese and English language proficiency.
8. Starting Date	April 1 st , 2026, or as soon as possible thereafter
9. Term of Employment	From the starting date to March 31st, 2027 *Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation. *The maximum cumulative contract term is 10 years from the starting date, based on “Regulations Pertaining to Contract Period of National University Corporation Osaka University Fixed-term Staff, etc.”
10. Probationary Period	6 months
11. Employment Form	Based on “38. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *The Discretionary Labor System, Special Work Type will be applied with the applicant’s consent. (deemed working hours: 8 hours a day)

12. Salary and Benefits	Based on “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html *Bonuses and allowances for housing, dependents, and retirement are included in the abovementioned annual salary and will not be paid separately.
13. Insurance	Medical insurance and employee’s pension insurance of the Federation of National Public Service Personnel Mutual Aid Associations, Employment Insurance and Industrial Accident Compensation Insurance
14. Application Documents	Applications must be written in English or Japanese and include the following documents: 1. A Curriculum Vitae *Please use the university form for educational/research positions available at the following website. https://www.osaka-u.ac.jp/en/news/employ/links 2. A list of research achievements (original papers, review papers, books, patents, presentations at domestic and international conferences) 3. Reprints of major original papers (PDF or DOI information) 4. A list and an outline of awards and prizes 5. An outline of research and education achievements (within two A4 pages) 6. A research plan and educational objectives (within two A4 pages) 7. Names, affiliations, and contact information of two professional referees who are willing to be contacted about the applicant 8. Copies of English proficiency certificates, such as TOEFL, IELTS, TOEIC scores, a description of periods of residency outside Japan that demonstrate your English proficiency, or English-related job experience *Personal information in the application documents will only be used for the purpose of screening and hiring procedures, and will not be disclosed to any third party.
15. Sending Address and Contact Information	Please submit by e-mail: kamimoto@biken.osaka-u.ac.jp *Write “Application for faculty position Specially Appointed Assistant Professor (Full-time) in Department of Systems Biomedical Science” in the subject line. *Attach the application documents in PDF format (with full security countermeasures). Contact Person: Professor Kenji Kamimoto Tel: +81-6879-8299 E-Mail kamimoto@biken.osaka-u.ac.jp
16. Application Deadline	January 16th, 2026, 5pm (Japan Standard Time) or until the position is filled. Please submit application or contact us as early as possible if you are considering this position.
17. Selection Process	Document screening will be followed by interviews. Notification about the interview will be given within one month only to the applicants who pass the document screening. *Travel and accommodation fees necessary for interviews are to be covered by the applicant. For applicants residing overseas, the applicant may request an online interview. *Please note that unsuccessful applicants will not be contacted.
18. Additional Information	Concerning work conditions other than above-mentioned, please refer to “36. Work Regulations for National University Corporation Osaka University Limited Term Staff” and/or related regulations. https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change. In principle, there will be no changes to the affiliation, work location, or responsibilities after employment. "Deemed exports" related to security export control are based on “Regulations Pertaining to Security Export Control”. Osaka University Security Export Control Regulations .pdf

	We also particularly encourage applications from female candidates. The University of Osaka is committed to promoting gender equality and providing various supports for female academic staff members. http://www.di.osaka-u.ac.jp/en_lp/ *The University of Osaka campuses and related facilities are smoke-free, except for designated areas. *National University Corporation Osaka University is the same as the University of Osaka.
19. Recruiter	National University Corporation Osaka University