

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

Outline	<p>The Department of Systems Biomedical Science is conducting biomedical studies to elucidate the mechanisms of gene expression regulation and cell fate determination in disease and developmental processes. Our research integrates approaches from molecular biology, cell biology, and computational biology. Our ongoing research projects include: (A) Biology research to elucidate fundamental mechanisms of diseases such as aging and cancer. (B) Bioengineering research using cellular reprogramming and early developmental models. (C) Analysis of single-cell transcriptomic and epigenomic data through machine learning and AI-based approaches. (D) Development of synthetic biology-based experimental and measurement technologies applicable to the above research topics. We are currently seeking applicants who meet either of the following profiles:</p> <p>(1) Individuals with expertise in molecular and cellular biology, including cell culture experiments, virus gene transduction, and DNA/RNA experiments. The successful candidate will be expected to contribute to projects such as (A), (B), or (D). While not mandatory, experience with iPS cell culture, RNA-seq, or ChIP-seq would be considered an advantage. No prior experience in computational analysis is required.</p> <p>(2) Individuals with expertise in computational approaches such as machine learning, AI, or analysis of single-cell omics data, or those possessing advanced measurement technologies related to single-cell omics. Candidates are expected to contribute to projects (A) through (D) using these techniques. In this case, wet-lab experience is not required.</p> <p>In either case (1) or (2), we place a strong emphasis on applicants with a solid track record of research achievements and technical skills that will enable them to advance our ongoing projects. We also welcome those who are willing to learn new experimental or computational techniques developed in our laboratory.</p> <p>To foster interdisciplinary collaboration, we seek individuals who value diverse research backgrounds and can actively engage in discussions beyond their own field of expertise. The successful applicant will be responsible for not only conducting research but also teaching liberal arts, and other subjects at the undergraduate and graduate levels. Inquiries regarding this position are welcome</p>
1. Position	Assistant Professor
2. Number of Positions	1 (One)
3. Affiliation	Research Institute for Microbial Diseases (Department of Systems Biomedical Sciences)
4. Work Location	Suita Campus (3-1 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	Molecular and Cellular Biology or Computational Biology
6. Responsibilities	<ul style="list-style-type: none"> · Research activities described above · Educational activities for undergraduate and graduate school students · Administrative duties in Research Institute for Microbial Diseases and The University of Osaka
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <ul style="list-style-type: none"> (1) A doctoral degree (2) Excellent research achievements in the related field/s (3) Business level or above Japanese and English language proficiency

8. Starting Date	July 1 st , 2025 or later *Negotiable
9. Term of Employment	3 years from the starting date *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 “73.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 “47. Salary Regulations for National University Corporation Osaka University Limited Term Staff Subject to New Annual Salary System” https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html
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 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 international conferences) 3. Reprints of major original papers (4 copies, photocopies acceptable) 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 aspirations (within two A4 pages) 7. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant 8. Copies of English proficiency certificate such as TOEFL, IELTS, TOEIC scores, a description of periods of residency outside Japan that demonstrate your English ability, or English related job experiences *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 Assistant Professor in Department of Systems Biomedical Science” in the subject line. *Attach the application documents in PDF format (with full security countermeasures). If any difficulty in submitting by e-mail, please submit by postal service: Attention: Professor Kenji Kamimoto Research Institute for Microbial Diseases, the University of Osaka 3-1 Yamadaoka, Suita-city, Osaka 565-0871 JAPAN

	<p>*Please write “Application for faculty Assistant Professor in Department of Systems Biomedical Science” on the front of the envelope in red ink.</p> <p>*Applications should be sent by registered mail.</p> <p>*Submitted application documents will not be returned.</p> <p>Contact Person: Professor Kenji Kamimoto Tel: +81-6879-8299 E-Mail kamimoto@biken.osaka-u.ac.jp</p> <p>Please also visit our web site for more information on research. https://kamimoto.digital</p>
16. Application Deadline	June 30, 2025 (Japan Standard Time) or until the position is filled.
17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline.</p> <p>*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.</p> <p>*Please note that unsuccessful applicants will not be contacted.</p>
18. Additional Information	<p>Concerning work conditions other than the 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</p> <p>Please note the above-mentioned work conditions are as of the day this employment offer is posted, and subject to change.</p> <p>In principle, there will be no changes to the affiliation, work location, or responsibilities after employment.</p> <p>“Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control” https://www.osaka-u.ac.jp/ja/research/policy/secur_exp/files/OsakaUniversitySecurityExportControlRegulations.pdf</p> <p>We also particularly encourage applications from female candidates. The University of Osaka promotes gender equality and provides various supports for female faculty members. http://www.di.osaka-u.ac.jp/en_lp/</p> <p>*Smoking is prohibited on The University of Osaka property, except for designated areas.</p>
19. Recruiter	National University Corporation the University of Osaka