

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

Outline	The laboratory of Virus Informatics (Junpei Ito laboratory), Department of Biological Informatics, Research Institute for Microbial Diseases, the University of Osaka aims to develop bioinformatics technologies that contribute to the control of viral infectious diseases. We are seeking a researcher to develop AI-based methods for predicting viral antigenicity and estimating individual antiviral immune states, and to apply these methods to the optimization of vaccine antigen proteins. We welcome candidates with flexible and creative thinking who are eager to advance this research in new directions. Prospective applicants are encouraged to contact us with any questions regarding the research topics or overall direction before applying.
1. Position	Specially Appointed Assistant Professor (Full-time)
2. Number of Positions	1 (One)
3. Affiliation	Research Institute for Microbial Diseases (Department of Biological Informatics)
4. Work Location	Suita Campus (3-1 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	Virology, bioinformatics, or genomics
6. Responsibilities	Development of AI-based methods for predicting viral antigenicity and estimating individual immune states
7. Qualifications	[Essential] Applicants must have: (1) A doctoral degree (2) Excellent research achievements in the above field/s (3) Business level or above Japanese and English language proficiency (4) Demonstrated experience in data analysis using Python, R, or related programming languages (5) Knowledge of and experience in developing machine-learning models [Preferred] Preference will be given to candidates with research experience in at least one of the following areas: i) Development of deep-learning models, such as protein language models ii) Development of mathematical models of infectious diseases iii) Knowledge of and experience in biological sequence analysis iv) Expertise in B-cell immunology
8. Starting Date	NOVEMBER 1, 2026, or as soon as possible thereafter
9. Term of Employment	From the starting date to March 31, 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 Type	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 Remuneration: 6,123,000 JPY per annum. (Monthly payments of one-twelfth of annual salary) Commuting allowance *Bonuses and allowances for housing, dependents, and retirement are included in the above-mentioned 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 1. A Curriculum Vitae *Please use the university form for educational/research positions available at the following website. https://www.osaka-u.ac.jp/ja/guide/employment/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 (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: jumpeiito@biken.osaka-u.ac.jp *Write “Application for Specially Specially Appointed Assistant Professor (Full-time) in Bioinformatics Center” in the subject line. *Attach the application documents in PDF format (with full security countermeasures). Contact Person: Jumpei Ito Virus Informatics group, Department of Biological Informatics, Research Institute for Microbial Diseases E-mail: jumpeiito@biken.osaka-u.ac.jp Researchmap: https://researchmap.jp/jampe HP: https://sites.google.com/view/virus-info-itolab/home
16. Application Deadline	OCTOBER 30, 2026 (Japan Standard Time) or until the position is filled
17. Selection Process	Document screening will be followed by interviews. Selected applicants will be notified within two weeks after the application deadline. *Travel and accommodation expenses 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". Rules and Regulations — The University of Osaka 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.
19. Recruiter	The University of Osaka