

**Faculty Position in Premium Research Institute for Human Metaverse Medicine (PRIME),
Osaka University**

Outline	<p>Premium Research Institute for Human Metaverse Medicine (PRIME) has been selected as a research center in FY 2022 World Premier International Research Center Initiative (WPI) sponsored by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) in Japan. This research institute aims to create a new scientific field, Human Metaverse Medicine, in which two academic fields, human organoid-based biomedical science and information mathematical science, are combined to understand and provide solutions for chronic diseases.</p> <p>Accordingly, PRIME will establish a Big Data and Computation Core Facility.</p> <p>We are looking for one Specially Appointed Professor (Full-Time) who will standardize and manage clinical data and data acquired from organoids and other sources, and support the creation of biodigital twins at this facility.</p>
1. Position	Specially Appointed Professor (Full-Time)
2. Number of Positions	One
3. Affiliation	Premium Institute for Human Metaverse Medicine (PRIME), Osaka University
4. Work Location	Suita Campus (2-2 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	<ul style="list-style-type: none"> -Multi-scale mathematical modeling -Statistical analysis of clinical and experimental data -Computational biology and bioinformatics
6. Responsibilities	<ul style="list-style-type: none"> -Construction, calibration, validation, and analysis of mechanistic mathematical models - Bioinformatics and statistical analysis of dynamical and multi-omics data obtained from cells, organoids, and patients -Planning and carrying out research in collaboration with both wet and dry (computational) PRIME labs and supervising new lab members
7. Requirements	<ul style="list-style-type: none"> -PhD or master's degree in systems biology or a closely related field -Excellent analytical skills, programming expertise, and experience in mechanistic modeling - Competence in basic biology concepts - Strong communication skills in English, both oral and written - Eagerness for involvement in a wide range of scientific projects - Capability to work independently as well as collaboratively within a team
8. Starting Date	After July 1 st , 2024 (as soon as possible thereafter)
9. Term of employment	<p>From the starting date to March 31, 2025</p> <p>*Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation.</p> <p>*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."</p>
10. Probationary Period	6 months
11. Employment Form	<p>Based on "38. Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff"</p> <p>https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>*The Discretionary Labor System, Special Work Type will be applied with the applicant's consent. (deemed working hours: 8 hours a day)</p>
12. Salary	<p>Based on "48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Specially Appointed Staff, etc.) Subject to Annual Salary System"</p> <p>https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p> <p>Remuneration: 9,478,500JPY ~ per annum.</p> <p>(Monthly payments of one-twelfth of annual salary) *The salary will be decided according to the responsibilities assigned based on the applicants' qualifications and experience.</p>

	<p>Commuting allowance is available. *Bonuses and allowances for housing, dependency, and retirement are included in the above-mentioned annual salary and will not be paid separately.</p>
13. Insurance	<p>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</p>
14. Application Documents	<p>1. A Curriculum Vitae including publication lists (original papers, review papers, books, patents, presentations at international conferences, etc...) , possible starting date, and contact details of potential referees 2. A short summary of conducted research and current interest (within two A4 pages)</p> <p>*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.</p>
15. Sending Address and Contact Information	<p>Please submit by e-mail: i-prime-syomu★office.osaka-u.ac.jp (Please replace "★" with @) *Write "Application for Specially Appointed Professor in Big Data and Computation Core Facility recruitment" *Attach the application documents in PDF format (with full security countermeasures).</p> <p><Contact> General Affairs Division, Premium Research Institute for Human Metaverse Medicine (WPI-PRIME), Osaka University TEL: +81-6-6210-8312 e-mail: i-prime-syomu@office.osaka-u.ac.jp</p>
16. Application Deadline	<p>Until the position is filled.</p>
17. Selection Process	<p>Document screening will be followed by an interview. Only selected applicants will be notified for it. Travel and accommodation fees necessary for interviews are to be covered by the applicant. Applicants may request an online interview.</p>
18. Additional Information	<p>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</p> <p>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.</p> <p>"Deemed exports" related to security export control are based on "Regulations Pertaining to Security Export Control".</p> <p>We also particularly encourage applications from female candidates. Osaka University is committed to promoting gender equality and providing various supports for female academic staff members. http://www.di.osaka-u.ac.jp/en_lp/</p> <p>*Osaka University campuses and related facilities are smoke-free, except for designated areas</p>
19. Recruiter	<p>National University Corporation Osaka University</p>