

## Faculty Position in the Institute for Protein Research, The University of Osaka

Outline	<p>Institute for Protein Research (IPR) is a research institute that conducts groundbreaking life science research based on the structure and function of proteins, using creative approaches and innovative technologies. As a Joint-Usage/Research Center, IPR also contributes to the scientific community by promoting collaborative research activities with domestic and international researchers. To develop above-mentioned activities as well as to explore novel areas of life science research, IPR is seeking for a successful researcher to fill a staff position in the Laboratory for Membrane Systems Biology.</p> <p>The Laboratory for Membrane Systems Biology at this institute explores biological membranes that constitute cells and organelles. Biological membranes are known to be composed of a diverse array of several thousand to tens of thousands of distinct lipid species; however, in living cells, many aspects remain unclear regarding how these lipid molecules cooperate and function together with surrounding lipids and membrane proteins. The laboratory is developing large-scale screening and directed evolution of lipid-binding probes based on the CLiB (Cell surface Liposome Binding) assay, a unique technology to analyze protein–lipid interactions on the surface of yeast cells. In addition, the lab is conducting cutting-edge research by combining imaging-based analyses of the dynamics of intracellular organelle membranes, docking simulations using AlphaFold, and machine learning/AI analyses that leverage large-scale datasets.</p> <p>The laboratory is seeking a highly motivated staff member who can provide leadership in ongoing projects. Candidates who are expected to complete their PhD by the start date are expected to acquire new experimental techniques, while candidates with several years of postdoctoral research experience are expected to play a central role in our laboratory’s projects on biological membrane research, making full use of their previous research experience. Inquiries regarding this position are welcome.</p>
	<p>Associate Professor, Lecturer, or Assistant Professor          *The position will be decided based on the responsibilities assigned to the successful applicant, taking into account the 14. Application Document 7. below and the applicant’s qualifications.</p>
2. Number of Positions	1 (One)
3. Affiliation	Institute for Protein Research (Laboratory for Membrane Systems Biology)
4. Work Location	Suita Campus (3-2 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	[Preferred, but not necessary] Cell biology, protein engineering, and computational life sciences are preferred, but the specific research area is not restricted.
6. Responsibilities	<ul style="list-style-type: none"> <li>· Research in the areas described above.</li> <li>· Educational activities for undergraduate and graduate students at The University of Osaka.</li> <li>· Services of the Joint-Usage/Research Center.</li> <li>· Administrative duties in IPR and The University of Osaka.</li> </ul>
7. Qualifications	<p>[Essential]</p> <p>Applicants must have:</p> <ol style="list-style-type: none"> <li>(1) A doctoral degree (including an expected degree completion before the starting date)</li> <li>(2) Excellent research achievements in the related field/s.</li> <li>(3) Business-level or above Japanese and English language proficiency</li> <li>(4) High motivation in conducting research and ability to cooperate with others.</li> </ol>
	<p>[Preferred, but not necessary]</p> <p>Experience in protein purification, protein structure prediction, microscopy imaging, and experiments using cultured cells; however, none of these are mandatory.</p>
8. Starting Date	January 1, 2027 (or as soon as possible thereafter; negotiable)

9. Term of Employment	<p>5 years from the starting date</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 The University of Osaka 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 The University of Osaka Limited Term Staff”</p> <p><a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></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 and Benefits	<p>Based on “47. Salary Regulations for National University Corporation The University of Osaka Limited Term Staff Subject to New Annual Salary System”</p> <p><a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></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>Applications must be written in English or Japanese and include the following</p> <ol style="list-style-type: none"> <li>1. A Curriculum Vitae</li> <li>*Please use the university form for educational/research positions available at the following website. <a href="https://www.osaka-u.ac.jp/en/news/employ/links">https://www.osaka-u.ac.jp/en/news/employ/links</a></li> <li>2. A list of research achievements (original papers (including preprints), review papers, books, patents, prize, invited talks, and others)</li> <li>3. Reprints of major original papers (1~5 papers). Please provide summaries for each, including notable points and the applicant’s contributions.</li> <li>4. A list of research grants obtained</li> <li>5. Summary of past research (approximately one A4 page)</li> <li>6. Previous teaching experience and experience in supporting students (approximately half an A4 page)</li> <li>7. Desired position (multiple choices allowed), and a statement of future plans after appointment and your envisioned career plan (approximately one A4 page)</li> <li>8. Name, affiliation, and contact information of two professional referees who are willing to be contacted about the applicant. (Letters of recommendation may be requested during the selection process.)</li> </ol> <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 combine the above documents into a single PDF file and send it by e-mail:</p> <p style="text-align: center;">tanpakuken-syomu[at]office.osaka-u.ac.jp (change [at] to @)</p> <p>*Write “Application for Faculty Position (Laboratory for Membrane Systems Biology) of IPR” in the subject line.</p> <p>*Attach the application documents in PDF format (with full security countermeasures).</p> <p>Inquiries on the application:  Atsuko Yamashita, Professor of Institute for Protein Research, Chairman of Selection Committee  Tel: +81-(0)6-6879-8627 E-mail: a_yama[at]protein.osaka-u.ac.jp (change [at] to @)</p>

16. Application Deadline	Must arrive no later than September 30, 2026 (Japan Standard Time)
17. Selection Process	<p>Document screening will be followed by interviews. Selected applicants will be notified within one month after the application deadline.</p> <p>*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.</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 The University of Osaka Limited Term Staff” and/or related regulations.  <a href="https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html">https://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</a></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”.</p> <p>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.  <a href="http://www.di.osaka-u.ac.jp/en_lp/">http://www.di.osaka-u.ac.jp/en_lp/</a></p> <p>*The University of Osaka campuses and related facilities are smoke-free, except for designated areas.</p> <p>*Institute for Protein Research introduces Principal Investigator (PI) System.  Current staff of the Laboratory of Membrane Systems Biology  Professor (PI) Taki Nishimura  Associate Professor, Lecturer, or Assistant Professor (This open position)  Assistant Professor Mashun Onishi</p>
19. Recruiter	National University Corporation The University of Osaka