

**Specially Appointed Researcher (Full-time) in Premium Research Institute for  
Human Metaverse Medicine (PRIME), Osaka University**

Outline	<p>The Premium Research Institute for Human Metaverse Medicine (PRIME) aims at creating a new scientific field, Human Metaverse Medicine, where two academic fields, human organoid-based biomedical science, and information mathematical science, are combined to understand and provide solutions for modern diseases associated with aging.</p> <p>Quantum Sciences Group is developing methods for controlling the temperature of specific organelles and local regions within cells using fluorescent nanodiamonds, and for manipulating higher-order cellular functions.</p> <p>We are looking for one Specially Appointed Researcher (Full-Time) who can join the team led by Prof. Yoshie Harada at PRIME, Osaka University, Japan.</p>
1. Position	Specially Appointed Researcher (Full-Time)
2. Number of Positions	One
3. Affiliation	Premium Research Institute for Human Metaverse Medicine (PRIME), Osaka University (Quantum Sciences Group, Bio-quantum Sensing)
4. Work Location	Suita Campus (2-8 Yamadaoka, Suita-City, Osaka, Japan)
5. Specialized Field	Biophysics
6. Responsibilities	<p>In this open recruitment, you will be engaged in the research project of the Japan Science and Technology Agency (JST) Strategic Creative Research Promotion Program (CREST) “Quantum Smart Tools: Functional Control of Neurons/Glia by Manipulating Temperature Signaling”. Specifically, you will be engaged in the following work.</p> <ul style="list-style-type: none"> <li>•Development of ultra-small fluorescent nanodiamond tools</li> <li>•Development of methods for manipulating intracellular temperature signaling</li> <li>•Manipulation of neurons and glial cells</li> </ul>
7. Requirements	<ul style="list-style-type: none"> <li>•A Ph.D. in a field related to the aforementioned responsibilities, such as biophysics, cell biology, neuroscience, or similar areas. (Candidates expected to obtain their degree by the 2024 academic year may be considered.)</li> <li>•It is preferable that you have experience in cell culture and microscopy, but if you are motivated, even if you have no experience, that is fine.</li> <li>•Proficient communication skill in either the English or Japanese.</li> </ul>
8. Starting Date	After April 1st, 2025 (as soon as possible thereafter)
9. Term of employment	<p>From the starting date to March 31, 2026</p> <p>*Following completion of the term, the contract may be extended subject to continuity of work and performance evaluation (the extension limit is March 31, 2030).</p> <p>*The maximum cumulative contract term is 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><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	<p>Based on “48. Salary Regulations for National University Corporation Osaka University Limited Term Staff (Project Appointed Staff, etc.) Subject to Annual Salary System”  <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>Remuneration: 6,423,300 JPY ~ per annum. (Monthly payments are made in one-twelfth of the annual salary)</p> <p>*The salary will be decided based on the responsibilities assigned based on the applicants' qualifications and experience.</p> <p>*Commuting allowance is available.</p> <p>*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 (CV) including educational background, work experience, academic and social activities, etc., with a photo attached, (format is free) and contact details of at least two potential referees who can provide opinions for the applicant (including their name, affiliation, position, phone number, and email address).</p> <p>2. A short summary of previous research and current interest (maximum of 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 send the application documents in PDF format to Prof. Yoshie Harada (yharada@protein.osaka-u.ac.jp) with the subject line “PRIME Harada lab. recruitment for a specially appointed researcher (full-time).”</p> <p>*Please CC to <a href="mailto:ktakahashi@protein.osaka-u.ac.jp">ktakahashi@protein.osaka-u.ac.jp</a> (Secretary of Harada lab.) when sending the email.</p> <p>*We will send back an acknowledgment email upon receiving the application.</p> <p>*Attach the application documents in PDF format (with appropriate security measures in place).</p> <p>&lt;Contact&gt;  Prof. Yoshie Harada  Bio-quantum Sensing, Quantum Sciences Group,  Premium Research Institute for Human Metaverse Medicine (WPI-PRIME),  Osaka University  TEL: +81-6-6879-4857  e-mail: <a href="mailto:yharada@protein.osaka-u.ac.jp">yharada@protein.osaka-u.ac.jp</a></p>
16. Application Deadline	<p>January 31, 2025 (Until the position is filled)</p>
17. Selection Process	<p>Document screening will be followed by an interview. Selected applicants will be notified accordingly.</p> <p>Travel and accommodation fees necessary for interviews are to be covered by the applicant. Applicants may request an online interview.</p>

<p>18. Additional Information</p>	<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.  <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>  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.  “Deemed exports” related to security export control are based on “Regulations Pertaining to Security Export Control”.</p> <p>- Osaka University is committed to promoting gender equality and providing various support for female academic staff members: we strongly encourage applications from female candidates.  <a href="https://www.di.osaka-u.ac.jp/en_lp/">https://www.di.osaka-u.ac.jp/en_lp/</a>  - Osaka University campuses and related facilities are smoke-free, except for designated areas.</p>
<p>19. Recruiter</p>	<p>National University Corporation Osaka University</p>