

Faculty Position in the Institute of Scientific and Industrial Research , Osaka University

Outline	<p>Bionanotechnology as a single-molecule science aims to study chemical and physical properties of single molecules. It involves single-molecule technologies to identify single molecules and control their dynamics using nanotechnologies. Our department focuses on research that aims to build biomimetic electronic device structures and to develop high and advanced performance devices for medical diagnostics using single-molecule technologies. We are now inviting applications for a position as Assistant Professor. The successful candidate is to be engaged in research and development of:</p> <ul style="list-style-type: none"> • Single-molecule analysis methods • Information processing and machine learning using data obtained from single-molecule measurements
1. Position	Assistant Professor (Full-Time)
2. Number of Positions	1(One)
3. Affiliation	Department of Bionanotechnology, the Institute of Scientific and Industrial Research
4. Work Location	Suita Campus (8-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan)
5. Specialized Field	Chemistry
6. Responsibilities	<ul style="list-style-type: none"> • To teach courses and seminars on Chemistry and supervise students' research at undergraduate and graduate levels including Ph. D. candidates. • To research on and develop single-molecule analysis methods • To research on and develop information processing and machine learning using data obtained from single-molecule measurements
7. Qualifications	<p>[Essential] The applicant must:</p> <ol style="list-style-type: none"> (1) Have a Ph. D. (or Ph. D. expected by October, 2018) (2) Have enthusiasm for the above mentioned research and education (3) Be knowledgeable and skilled in single-molecule measurements (4) Be knowledgeable and skilled in micro/nano-fabrication technologies (5) Be able to communicate in Japanese (6) Show sufficient English proficiency for teaching and other work related purposes
8. Starting Date	October 1, 2018 (or as soon as thereafter)
9. The term of Employment	<p>Five years starting from the earliest possible date after October 1, 2018. *After the first appointment ends, the contract may be prolonged to up to 10 years by mutual agreement.</p>
10. Probation Period	6 months
11. Employment Form	<p>The discretionary Labor System, Special Work Type is applied. (Deemed working hours: 8 hours a day) *Based on the 'Regulations Pertaining to Working Hours, Holidays and Leave for National University Corporation Osaka University Limited Term Staff.' http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0037e.pdf</p>

12. Salary and Benefits	<p>*Based on the ‘Salary Regulations for National University Corporation Osaka University Limited Term Staff Subject to Annual Salary System.’ http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0045e.pdf Other regulations may apply if the candidate’s previous employment period is included in the calculation of the “period of continuous service” defined in the ‘Regulations Pertaining to Retirement Allowance for National University Corporation Osaka University Limited Term Staff’ and you are entitled to a retirement allowance.</p>
13. Insurance	<p>The successful candidate will join National Public Service Personnel Mutual Aid Associations, Employment Insurance and Workers’ Accident Compensation Insurance.</p>
14. Application Documents	<p>Documents must be submitted in English or Japanese (1) A curriculum Vitae (please attached a recent photo) that include your presently used e-mail address, educational and occupational background, and awards and prizes received in the past. (2) A List of research achievements (Original publications, review articles/commentaries/introductions, books, patents; for each publication, please list the authors' names, title of publication, name of journal or conference, number and/or volume, pages and year of publication. Please include past and on-going external funding awarded) (3) Printed copies of up to 10 major original papers (photocopies acceptable) (4) An outline of the applicant’s research and achievements and future research plan (within two A4 pages) (5) Essay on ambitions in education (within two A4 pages) (6) Names of three persons, who may be contacted for reference purposes</p>
15. Sending Address and Contact information	<p>* Create a single PDF file containing all the required documents and send it to the following e-mail; or send hardcopies to the following mailing address: Prof. Masateru Taniguchi Department of Bionanotechnology, The Institute of Scientific and Industrial Research, Osaka University 8-1 Mihogaoka, Ibaraki, Osaka 567-0047, Japan taniguti<at>sanken.osaka-u.ac.jp (replace <at> with @) * The e-mail title should state “Application for Assistant Professor Position”. * In the case of mailing, write “Application for Assistant Professor Position” on the envelope. *Tel: +81-6-6879-8445</p>
16. Application deadline	<p>July 2, 2018 (Japan Standard Time)</p>
17. Selection Process	<p>After documents have been reviewed, only selected candidates will be interviewed. *Only selected candidates will be notified . Please note that unsuccessful applicants after initial screening will not be contacted. *Travel and accommodation fees necessary for the interview are to be covered by the candidate.</p>
18. Additional Information	<p>Please refer to ‘Work Regulations for National University Corporation Osaka University Limited Term Staff’ and the other regulations for other than the above-mentioned and/or further details about conditions of the work. http://www.osaka-u.ac.jp/en/guide/information/joho/kitei_shugyou.html</p>
19. Recruiter	<p>National University Corporation Osaka University</p>