

Faculty Position in the Graduate School of Information Science and Technology, Osaka University

1. Outline

The Metabolic Engineering Laboratory, Department of Bioinformatic Engineering, Graduate School of Information Science and Technology, Osaka University performs education and research on metabolic pathway design, omics (for example metabolic flux) data analysis, molecular breeding and bioprocess development for bio-production based on these information. We are now inviting applications for an associate professor to achieve these objective by integrating bio- and information sciences.

2. Position: Associate Professor

3. Number of Position: One

4. Affiliation: Metabolic Engineering Laboratory, Department of Bioinformatic Engineering, Graduate School of Information Science and Technology

5. Work Location: Suita Campus (1-5 Yamadaoka, Suita-city, Osaka)

6. Specialized Field: Metabolic Engineering

7. Responsibilities:

(1) Education:

For Graduate student level: Giving lectures, instructing exercises, and offer research guidance on bioinformatic engineering and related areas for master and doctor course students in the Department of Bioinformatic Engineering, Graduate School of Information Science and Technology

For Undergraduate student level: Giving a lecture on biological statistics with exercise, instructing computer programming (R language, bioinformatics and statistics tools for undergraduate students in the Division of Applied Sciences (Biotechnology Department) of Faculty of Engineering.

(2) Research: Metabolic Engineering and related areas

8. Qualifications:

[Essential]

- (1) Ph.D. or equivalent in related field/s
 - (2) High valued achievement in wet biology of microorganisms, genetic engineering, and bioinformatics data analysis
 - (3) Capable of performing research and education in the area of Metabolic Engineering for molecular breeding and bioprocess development based from the view of engineering application of bioproduction
 - (4) Japanese language ability sufficient to fulfill one's work duties and give lectures
[Desirable]
- Sufficient experience and eagerness on education and research of Metabolic Engineering

9. Starting Time: July 1st 2018 (or as soon as thereafter)

10. The term of Employment: No Fixed Term

11. Probation Period: 6 months

12. Employment Form:

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 Staff.'

<http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0006e.pdf>

13. Salary and Benefits: *Based on the 'Salary Regulations for National University Corporation Osaka University Staff.'

<http://www.osaka-u.ac.jp/en/guide/information/joho/files/sk0010e.pdf>

14. Insurance: Successful candidate will join National Public Service Personnel Mutual Aid Associations, Employment Insurance and Workers' Accident Compensation Insurance.

15. Application Documents

The original copy and a DVD storing PDF files of the following documents should be submitted.

- (1) Curriculum Vitae (including photo, research keywords). *Please use the university form available at the following website.

http://www.osaka-u.ac.jp/en/news/employ/academic_staff/index.html

- (2) List of research achievements ([1] original journal papers, [2] international conference presentations, [3] commentaries and review papers, [4] books, [5] patents, [6] invited lectures) All author names, titles, journal titles, volumes (numbers), year of publication, pages should be included.
- (3) Offprint of three major original papers and their abstracts (photocopies acceptable)
- (4) List of social activities such as serving on academic societies, international conference committees, and journal editors
- (5) List of international and domestic collaborative research activities
- (6) Name and outline of prizes and awards
- (7) Acquired external research funds (information of role of project such as PI or co-PI should be included)
- (8) Outline of research and education achievements: no more than one page using A4 paper
- (9) Research plan and educational aspirations: no more than one page using A4 paper
- (10) Names and contact information of two referees

16. Sending Address and Contact information

(By postal mail only)

Hiroshi Shimizu (Professor)

Metabolic Engineering Laboratory, Department of Bioinformatic Engineering,
Graduate School of Information Science and Technology, Osaka University

1-5 Yamadaoka, Suita-city, Osaka 565-0871 JAPAN

*Write 'Application for faculty position (associate professor) in Metabolic Engineering Laboratory' on the envelope in red ink.

*Send application documents by registered mail.

*Submitted application documents will not be returned.

*Submitted application documents will only be used for the purpose of application screening and hiring procedures.

17. Application deadline: Must arrive no later than March 30th 2018 (Japan time)

18. Selection Process: After documents have been reviewed, only shortlisted candidates will be interviewed (if necessary).

* Please note that unsuccessful applicants after initial screening will not be contacted.

*Travel and accommodation fees necessary for interviews are to be covered by the candidate.

19. Additional Information: Please refer to ‘Work Regulations for National University Corporation Osaka University 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

Osaka University is promoting gender equality. (Reference: <http://www.osaka-u.ac.jp/en/guide/diversity>) Graduate School of Information Science and Technology enforces independent support. We encourage applications from women.

20. Recruiter: National University Corporation Osaka University