

**Job offer for Assistant Professor Position, Takebe Laboratory
Tokyo Medical and Dental University (TMDU)**

A multidisciplinary team in the laboratory of Dr. Takanori Takebe is seeking to recruit a highly motivated assistant professor to lead a stem cell and organoid research investigating their potential for understanding human development, evolution and precision. The self-organizing tissue-based approach coupled with pluripotent stem cell technology has just begun as a promising field for designing a miniature organ, namely an organoid, yet the mechanism of driving complex but stereotyped tissue self-organization remains largely unknown. Therefore, Dr Takebe's lab proposes to take a "reverse reductionism approach" for a holistic mechanistic understanding of the dynamic nature of a self-developing system. The Takebe lab (<http://takebelab.com/>) is part of the new Center for Stem Cell and Regenerative Medicine, a research center belonging to the Institute of Research, Tokyo Medical and Dental University (TMDU) one of the top medical research institutions in the world. Qualified applicants will have a PhD with peer review research publications, a demonstrated expertise such includes cell biology, mathematics, bioinformatics, morphogenesis, genomics, bioengineering, chemistry or biomechanics, and a keen interest to establish an independent research program in development and stem cell biology.

1. Position, Affiliation

Assistant Professor, Division of Advanced Biomedical Engineering Research, Institute of Research, TMDU

2. Research Field

Basic and/or applied research concerning regenerative medicine

3. Terms and Conditions of Employment

Full-time position with a three-year contract, renewable based of evaluation of research activities.

Salary will be paid and determined by TMDU annual salary system

***TMDU supports women scientists conducting research and encourages them to apply for this position.**

4. Application Forms

- (1) Resume (Curriculum Vitae, etc.) (free form)
- (2) List of publications (free form)
- (3) Reprints of representative publications (up to 3 papers, photocopies acceptable)
- (4) Summary of the representative publications (100 words each)
- (5) List of research grants and patents (free form)

- (6) Summary of previous research contributions and future research and education plans (in 500 words)

5. Number of copies to be submitted

Five copies of the application forms listed in section 4 must be submitted to the address written in section 10.

6. Application Deadline

Applications should reach the address written in section 10 by March 15, 2018, Japan Standard Time.

7. Selection Procedure

Selection is made on the basis of application documents and, if necessary, interview with a presentation/seminar in either English or Japanese. Travel expenses can be defrayed according to the rules and regulation of TMDU.

8. Appointment Date

Earlier the better after selection

9. Inquiry to:

Professor Takanori Takebe

Division of Advanced Multidisciplinary Research,

Institute of Research, TMDU

Email: ttakebe.ior%tmd.ac.jp (change % to @ when emailing)

10. How to Apply

Send the forms and documents listed in section 5 and section 6 by courier to the address below. Specify the title as “Application for the Assistant Professor position in the Division of Advanced Multidisciplinary Research” All information shall be held in the strictest confidence in accordance with pertinent laws and rules. Once submitted, documents will not be returned to applicants for any reason. Candidates who live abroad may be able to send the application forms by e-mail.

Mr. Katsuya Abe

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Institute of Research, TMDU

1-5-45 Yushima, Bunkyo-ku, Tokyo 113-8510, Japan

Email: k-abe.adm%cmn.tmd.ac.jp (change % to @ when emailing)