

## **Job Opportunity: Assistant Professor in Pathophysiological Chemistry**

Medical Research Institute (MRI) at Tokyo Medical and Dental University (TMDU) invites applications for a faculty position (Assistant Professor) in the field of Pathophysiological Chemistry.

### **1. Position**

Assistant Professor

### **2. Areas of Research**

Metabolomics characterizes biological profiles of metabolites that can directly reflect the outcome of complex networks of biochemical reactions under the control of genetic and environmental cues, thus providing insights into multiple aspects of pathophysiology. Our aim is to discover novel biomolecules as potential targets for medical applications. To achieve this aim, we have been taking advantage of liquid chromatography tandem-mass spectrometry (LC/MS/MS) techniques and gene-targeted mouse models of human disease. We are seeking highly motivated candidates with a strong background in the related fields. Prior working experience in characterization of disease-related phenotype in genetically modified mice, LC/MS/MS analysis of biological samples and lipid biochemistry, is required.

### **3. Terms and Conditions of Employment**

Full-time position with a contract not exceeding three years period, renewable based on an evaluation according to the rules and regulations of TMDU twice.

Salary will be determined by the annual salary system outlined by TMDU regulations.

**\*\*TMDU supports women scientists, foreign researchers and researchers who have engaged in education and research overseas. We encourage 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).
- (7) A list of other achievements (Awards etc).

## **5. Number of copies submitted**

5 copies of Application documents listed in section 4 must be submitted to the address written in section 8.

## **6. Deadline**

Applications should be sent to the postal address in section 8 by February 28, 2018, Japan Standard Time (applications by postal mail must be posted by this date).

## **7. Inquiry**

Administration Office  
Medical Research Institute  
Tokyo Medical and Dental University

E-Mail: [mri.adm@tmd.ac.jp](mailto:mri.adm@tmd.ac.jp)

Tel: +81-3-5803-4504

## **8. How to Apply**

Send the documents listed in section 4 by courier to the address below. Specify the title as “Application for the Assistant Professor position in the Department of Pathophysiological Chemistry.” All information will be treated with the strictest confidentiality in accordance with pertinent laws and rules. Once submitted, documents will not be returned to applicants for any reason.

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