



## **Postdoc position on Computing system development available in Lab of Plant Genomics and Genetics, Kazusa DNA Research Institute**

A four and half years postdoctoral position is available in Lab of Plant Genomics and Genetics, Kazusa DNA Research Institute, Japan. The project will perform development of phenotyping system with digital images mainly based on commercially available equipment. We are recruiting a scientist who has experience and knowledge in the field of digital image analysis and computer science.

### **Research Project**

The research project is performed under a JST/CREST program of 'Creation of fundamental technologies contribute to the elucidation and application for the robustness in plants against environmental changes'

[https://www.jst.go.jp/kisoken/crest/en/research\\_area/ongoing/areah27-4.html](https://www.jst.go.jp/kisoken/crest/en/research_area/ongoing/areah27-4.html)

The postdoc position is available on a research project of 'A novel approach for plant growth modeling based on comprehensive genome-environment interactions using large-scale digital images'

<https://www.jst.go.jp/kisoken/crest/en/project/1111090/16814071.html>

### **Environment**

The lab has performed *de novo* whole genome sequencing and large scale genetic analysis in wide range of plant species for basic and applied research fields. Recently the lab launched plant phenomics section and started system development of measurement technologies for plant morphological traits by using digital images. The institute located in Chiba, Japan, where approximately 1hr from Tokyo by public transportation.

### **Term**

2017 June - 2022 March

**Applicant eligibility:** The applicant must have a doctoral degree in the field of computer science or biology. It is eligible that the applicant master computer language such as C/C++, Python and has skills and experiences for digital image analysis and/or program development of data analysis. Having high motivation for research activity is more important than computing skills.

### **How to apply**

Applications should be sent by postal mail (in Japan) or email (out of Japan), with a



CV (with an applicant photo and description about willing tasks in KDRI), and two reference contact address. After documentary elimination, interview will be done in KDRI or by Skype. The application should arrive until June 30, 2017.

**Postal mail address:**

Kazusa DNA Research Institute

Kazusa-Kamatari 2-6-7, Kisarazu, Chiba, 294-0226, Japan

**Contact:**

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