**Postdoc positions in RNAi-mediated antiviral innate immunity**

RNAi-mediated gene silencing functions as a primary innate immunity against virus infection in plants and at animals. The antiviral RNAi has not been well understood since only the shared core RNAi factors such as DCLs, AGOs previously elucidated to silence endogenous or transgenic genes have been identified in the antiviral RNAi pathway. Recently we developed and conducted a robust genetic screen to directly dissect the antiviral RNAi in Arabidopsis using a Cucumber Mosaic Virus (CMV) mutant. Dozens of candidate mutants have been successfully isolated and several new components, such as P4-ATPases, have been identified to specifically regulate antiviral RNAi innate immunity in Arabidopsis.

Two postdoc positions are available immediately to characterized these obtained mutants and to further elucidate the detailed mechanism for these identified components. The work will include genetic, cell biological, biochemical and informatics approaches using Arabidopsis and Tomato as the model plants. The successful applicants will work in the Lab of Dr. Zhongxin Guo and “1000 Talents” Dr. Shou-Wei Ding at the newly established Vector-borne Virus Research Center (VVRC) of Fujian Agriculture and Forestry University.

Qualifications: A PhD degree in molecular biology, genetics, plant pathology or related field. Documented abilities for a research project. Knowledge of genetic, cell biological and biochemical approaches in plant systems. Excellent communication skills and teamwork spirit.

Starting date: Available immediately or upon agreement; Application deadline: 1st May 2018, or until positions are filled. Salary: RMB 250K~300K (about $40K)/year, initially for 2 years, renewable upon performance and funding.

Required application documents (1) Curriculum Vitae, (2) statement of research experiences, (3) statement of research interests and motivation, (4) contact information of 2-3 references. Please send all documents to zhongxin5919@163.com.