Two Postdoc Positions in Molecular Genetic Regulation of Floral Transition

Job offer from Jan. 12, 2017 until filled

The research group “Plant Molecular Genetics and Adaptation” (headed by Dr. Jinyong Hu) aims at dissecting the molecular genetic basis of how plants adapt to ever-changing environments by using model and non-model plants. The group is supported by “CAS Pioneer Hundred Talents Program” and “Yunnan Province High-tech Talent Introduction Project”, while hosted by Kunming Institute of Botany, Chinese Academy of Sciences. See http://groups.english.kib.cas.cn/klpb/hjy/ for more information.

We invite highly motivated applicants for two postdoc positions. These positions will be firstly enrolled for two years, but can be extended and improved based on the performance and mutual agreement.

The applicants will focus on dissecting the molecular genetic networks underlining flowering time control in model and woody plants. (S)he will explore genomic, genetic, molecular and informatics tools to study the genetic bases of continuous flowering, compare these findings to model species like Arabidopsis and rice, generate new hypothesis based on gene expression data via high throughput sequencing technology, and test hypothesis using various techniques.

The successful candidates should have a PhD in molecular genetics, developmental biology or related fields with solid experimental skills in genetics and molecular biology. A strong background in protein interaction assays and/or chromatin immuno-precipitation followed by high-throughput sequencing is an asset. Knowledge and practical experiences in molecular biology of rice or rose, or experiences in QTL and positional cloning is a great plus. The successful candidate needs to have a proven scientific track record (minimum one first-author publications in related fields). Strong collaboration skills and good English in oral and writing are necessary for both positions. We will offer help in applying for different fellowships supported by the Chinese government.

For detailed information or applying, please send your cv with a statement of interest and description of prior research with contact information of three referees to: Dr. Jinyong Hu, Kunming Institute of Botany, Chinese Academy of Sciences, 132# Lanhei Road, Heilongtan, Kunming 650201, Yunnan, P. R. China; or: hujinyong@mail.kib.ac.cn.