Two Postdoc Positions in Evolutionary Genomics of Floral Transition

Job offer from Feb. 15, 2019 until filled

The research group “Plant Molecular Genetics and Adaptation” (headed by Dr. Jinyong Hu), aiming at dissecting the molecular genetic basis of how plants adapt to ever-changing environments by using model and non-model plants, are looking for two highly motivated and creative postdocs to join the team. The successful candidates will use comparative genomics/genetics approaches to dissect the natural variation pattern of genetic networks underlining flowering time variation in model and non-model plants. The lab explores genomic, genetic, molecular and informatics tools to study the diversity of flowering time control in plant kingdom by comparing to model species like Arabidopsis and rice. The candidates are expected to generate new hypothesis based on genomic sequencing and gene expression profiling data, and to test hypothesis using various techniques including mathematic modeling and genetic transformation through collaboration within and outside of the group.

The preferred candidates should have a PhD in genomics and/or molecular genetics of plants or related fields with solid skills in genomics and evolution analysis. A strong background in genome assembly and personalized genomic analysis is an asset. 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 highly competitive salary and help in applying for different fellowships supported by the Chinese government. These positions will be firstly for two years, but can be extended to four years based on the performance and mutual agreement. The candidates can be promoted to assistant/associate professor positions after two-year starting period depending on performance.

For more information on the projects 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, Kunming 650201, Yunnan, P. R. China; @: hujinyong@mail.kib.ac.cn.