**Postdoctoral Position in Plant Molecular Biology**

A postdoctoral position for a highly self-motivated and enthusiastic candidate is available in the Plant Cell, Structure and Function Lab of Prof. Yao Nan within the State Key Laboratory of Biocontrol and Guangdong Key Laboratory of Plant Resources, School of Life Science, Sun Yat-sen University, Guangzhou, China. Sphingolipids are key structural components of membranes and important signal molecules. Ceramide, which is the central core lipid in the metabolism of sphingolipids, mediates cell cycle events, differentiation, senescence, necrosis, proliferation and apoptosis. Our lab focuses on the role of ceramides and the enzymes of the sphingolipid pathway during plant-pathogen interactions. We use Arabidopsis and rice as model systems to analyze the role of ceramides and their derivatives in the regulation of programmed cell death and defense in plants.

**Expected starting date and duration:** This position is available immediately with a competitive salary and the appointment will be for two years.

**Qualifications / Requirements:** The applicant must have a doctoral degree in Plant Molecular Biology, Biochemistry, Plant Physiology, Plant Pathology or related discipline. Substantial specialized laboratory experience in plant molecular biology, cell biology, microscopy and functional characterization of genes is necessary. Knowledge of mass spectroscopy, statistical data analysis will be an added advantage. We expect that candidate will be able to plan and conduct his/her research experiments independently and is willing to contribute with his/her expertise to collaborative projects. A strong track record of refereed journal publications is desired. Excellent communication (oral and written) and interpersonal skills are an essential prerequisite for the position.

**We offer**
- The possibility to work on a cutting-edge project
- Well-equipped, modern and highly interactive research environment within the State Key Laboratory of Biocontrol and Guangdong Key Laboratory of Plant Resources.
- Expertise in a wide range of experimental techniques including molecular biology, cell biology, mass spectroscopy, physiology, and environmental stress response.

To strengthen our research team, we are looking for a motivated postdoc interested in the above mentioned topics.

**How to Apply:** Candidates should submit a cover letter including research interests, complete CV including a summary of graduate thesis research and post-doctoral research (if applicable), and the recommendation letter from three referees to:

**Email:** yaonan@mail.sysu.edu.cn; and CC to sunilks@mail.syu.edu.cn

All qualified candidates are encouraged to apply. We thank all applicants for their time and effort but only those selected for an interview will be contacted. Informal inquiries are also welcome.

**Closing Date – Open until filled**