Post-doctoral position-Plant Metabolomics

Full time
**Duration:** one year, can be extended
**Salary:** $47,500-$50,000

**Working Environment**
The natural products chemistry laboratory in the Food Science and Human Nutrition Department at the Citrus Research and Education Center, University of Florida is currently accepting applications for a Postdoctoral Associate. The laboratory has strong expertise in the isolation and characterization of natural products and metabolomics. The goal of our laboratory is to better understand health and disease, as well as translate this knowledge into personalized science-based nutrition. We offer a truly innovative working environment. Our center is located off the main campus, in Central Florida, less than 1 hour from Orlando and Tampa.

**Key responsibilities**
This position will utilize analytical instrumentation, including different chromatography setups, such as HPLC-DAD/ELSD, LC-MS/MS, LC-TOF/MS and NMR. The candidate will be expected to develop new strategies for plant metabolomics/lipidomics to study citrus related diseases and plant growth. Optimization of targeted and untargeted approaches will be necessary to achieve methodologies fitting identification and screening requirements. Additional responsibilities include researching, interpreting, and evaluating relevant literature; compiling and analysis of data; maintaining an accurate, up-to-date lab notebook to contribute to SOPs; preparing and editing manuscripts for publication, and collaborating with other lab staff and graduate students.

**Education and Experience**
The motivated candidates should hold a recent PhD in chemistry, biochemistry, analytical chemistry, plant science or metabolomics. She/he should be keen on analytical development and demonstrate hands-on experience with advanced instrumentation (liquid chromatography, hyphenated systems). Experience with the plant sciences, preparative-scale systems, mass spectrometry and NMR is a merit. Fluency in spoken and written English, and excellent communication skills are expected. The candidate should also enjoy collaborating with a group of researchers on the different aspects of the same basic research question.

**About the Citrus Research and Education Center (CREC), University of Florida:**
The CREC provides a unique off campus IFAS environment with over 200 employees, including more than 600 acres of groves, greenhouses, fresh fruit packinghouse, juice processing pilot plant, more than 40 research laboratories, teaching laboratory, an electron microscopy facility and the largest citrus library in the world.
The University of Florida is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UF nondiscrimination policy.

Interested applicants please send a letter of motivation, 3 potential referees and curriculum vitae (CV) to Dr. Yu Wang at yu.wang@ufl.edu.