



First Name: Fang

Last Name: Liu

Title: Graduate student

Institution: University of Tennessee, Knoxville

Mailing Address: 2505 E J Chapman Drive

City: Knoxville

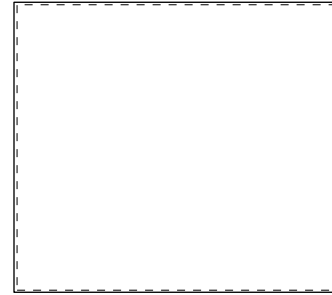
State: TN

Zip Code: 37919

Country: USA

Country Code:

Phone: (865) 296-8911



PLACE HEADSHOT HERE

Email: [fliu21@vols.utk.edu](mailto:fliu21@vols.utk.edu)

Website: <https://github.com/liufangbaishikele>

**Education:**

PhD:

MS: IAE, Chinese Academy of Science

BS: Liaocheng University

**General Areas of Expertise:**

Nematology Microbiome Transcriptome Statistics Bioinformatics

**Short Bio:**

I am a positive and reliable person, like hiking and christmas movie. Now, I am a Ph.D. student works in UTK. My research focus on rhizosphere microbiome assembly. As widely recognized, plant microbiome plays various roles on their host performance via increasing nutrient availability, improving abiotic tolerance and enhancing pathogen resistance. To exploit these microbial resources, we aimed to deciphering the mechanisms that mediating root microbiome assembly from both plant and soil sides with a final goal for healthy, steady and sustainable agriculture. Besides plant microbiome, I am also a big fun of bioinformatics, statistics (recently network analysis and machine learning). I intended to understand and solve environmental and agricultural problems that closely related to our human life.

**Five Representative Publications:**



**FEWSTERN Symposium 2017 Presentation Title and Abstract:**

Strigolactone impacts on soybean rhizosphere microbiome assembly