

Postdoctoral Scholar in Molecular Plant-Microbe Interactions

Job Details: A post-doctoral research opportunity is available in the Department of Microbiology and Plant Pathology at the University of California, Riverside to study the mechanism of plant interactions with biological control agents (BCA) by (i) comparative transcriptomic analysis of the BCA-induced plant response during biotic and abiotic stress(ii) identifying root-secreted compounds involved in communication between the plant and the BCA.

In addition to conducting research, the incumbent will have roles in training undergraduate and graduate researchers within the lab, preparing manuscripts and cooperating with other team members and collaborators.

Job Requirements: Skills: A Ph.D. in Plant Physiology, Plant Pathology, Microbiology or a closely related field. The position requires significant experience in working with micro-organisms in vitro and in planta, experience in working with *Arabidopsis thaliana*, and strong analytical ability. Experience in abiotic stress will be an advantage. The successful candidate must possess excellent organizational, interpersonal, and communication (both verbal and written) skills, including a strong record of peer-reviewed publications. Expertise in molecular biology and bioinformatics will be required. Ideally, the candidate should have received their Ph.D. within the past 3 years.

To apply, please send: (1) cover letter detailing your research experiences, interests and career goals; (2) curriculum vitae, and (3) contact information of three references to Dr. Emma Gachomo (emma.gachomo@ucr.edu).

The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.