

The Department of Botany and Plant Sciences at the University of California, Riverside, invites applications for a Postdoctoral Scholar position to conduct research under the supervision of Dr. Philippe Rolshausen. The purpose of this position is to screen citrus hybrid rootstocks and assess resistance levels against *Phytophthora* and nematodes.

The selected candidate will be based at the University of California in Riverside and will work in close collaboration with the University of Florida and the USDA-ARS. The selected candidate will travel to Florida to evaluate under field conditions the resistance levels of rootstocks from the USDA germplasm collection against endemic soilborne pathogens populations using molecular detection tools. Pathogens of interest include the citrus nematode *Tylenchulus semipenetrans* and the sting nematode *Belonolaimus longicaudatus* as well as *Phytophthora palmivora* and *P. nicotianae*. In addition, the selected candidate will evaluate under greenhouse conditions at UC Riverside the performance of a selection of rootstock seedlings against *Tylenchulus semipenetrans*, *Phytophthora citrophthora* and *P. nicotianae* using established bioassays and molecular detection tools. The selected candidate will be responsible for leading the research project, writing reports and publications and mentoring students.

Required qualifications for this position include a Ph.D. degree in the field of Plant Pathology, Nematology, or related disciplines. Experience working with *Phytophthora* and/or nematodes is required, with training in molecular biology techniques (nucleic acid extraction, qPCR). Experience working with citrus or other woody perennial tree crops would be considered an asset but is not required. Applicants must be able to work under hot greenhouse and field conditions. Applicants must demonstrate good communication skills with a good publication record in peer-reviewed journals and scientific presentations.

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.

The University of California 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, age, disability, protected veteran status, or any other characteristic protected by law.

University of California COVID-19 Vaccination Program Policy: As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.

Applicants should submit a letter of interest, curriculum vitae including a publication list and the names and contact information of three professional references. Review of applications will start



College of Natural and Agricultural Sciences
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Botany & Plant Sciences Department

on February 15th, 2022, and will proceed until position is filled. For full consideration, applicants should submit their complete applications by the above date to Dr. Rolshausen philrols@ucr.edu.