

Assistant Project Scientist Position in Plant Hormone Receptor Redesign

The Department of Botany and Plant Sciences at the University of California, Riverside invites applicants for an Assistant Project Scientist to conduct research in the laboratory of Dr. Sean Cutler. The candidate we are seeking must have a Ph.D. in Biochemistry or a closely related subject with at least 5 years of post-doctoral experience in plant biochemistry who will direct research focused on developing novel plant hormone receptors with new ligand-binding specificities, with a particular emphasis on engineered abscisic acid receptors. The candidate must have extensive experience in the use of directed evolution to develop high-affinity PYR1-derived receptors, as well as associated experience in the biochemical characterization of PYR1-derived mutant receptors. Experience in plant physiological assays relevant to measuring the function of these receptors (for example, thermal imaging and gene expression studies) is also required. Other required skills include knowledge of Arabidopsis genetics, familiarity with high throughput biochemical assays techniques, experience developing yeast-based functional screens, and recombinant protein production using *E. coli*.

Basic qualifications for this position include: Ph.D. degree in Biochemistry or a related field

Additional qualifications for this position include: 5 years of postdoctoral training in plant biochemistry; 2 years of experience engineering plant abscisic acid receptors

TO APPLY: Applicants should submit a Curriculum Vitae, Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence, and contact information for three references (name, email/phone number and address) to <https://aprecruit.ucr.edu/apply/JPF01464>. Review of applications will commence on November 11, 2021 and proceed until position is filled. For full consideration, applicants should submit their applications prior to the above date.

Inquiries about the position can be sent to Dr. Sean Cutler via email at cutler@ucr.edu.

For questions on application procedures and requirements, please contact Mr. Joshua Gutierrez, Academic Personnel, at joshua.gutierrez@ucr.edu.

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.

Advancement through the Project Scientist ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.



DEPARTMENT OF BOTANY AND PLANT SCIENCES
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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.

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.