



# UNIVERSITY OF MARYLAND

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES  
*Department of Plant Science and Landscape Architecture*

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## **Postdoctoral position in Plant Microbe Interaction at the University of Maryland, College Park.**

A Postdoctoral Scientist position is available for an NSF-funded project in the Rawat lab in the Department of Plant Science and Landscape Architecture at the University of Maryland, College Park. The focus of the project is on developing molecular understanding of plant resistance to hemi-biotrophic/necrotrophic fungal pathogens. The position will characterize the trafficking pathway of atypical resistance proteins in plant cell, functional characterization of proteins, expression and proteomic profiling of both plants and fungi. The candidate must have demonstrated experience in plant cell and molecular biology. The incumbent will have experience in confocal microscopy, plant cell biology, protein functional characterization. The expectations of the position include: conducting cellular and molecular analyses, enthusiasm to establish and learn new protocols, and active engagement in mentoring students and disseminating science. A strong publication record and a PhD in biology or a related discipline, preferably within the past three years, is required. The successful applicant will be a strong team player, highly solution-oriented and will have a key role in ensuring smooth running of lab activities and student training.

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights protected by the law.

The position is available starting immediately (exact start date is negotiable given the current pandemic). Evaluation of applications will begin as they are received and the position will remain open until a suitable candidate is found. Salary is commensurate with experience and qualifications. Initial support is for two years with additional time contingent upon performance. Applications must include: 1- Curriculum Vitae, 2-A short cover letter describing research interests and career goals (2 pages max), 3- Two sample publications, and 4- Names and contact details of 3 references. Application materials should be emailed to Dr. Nidhi Rawat ([nidhirwt@umd.edu](mailto:nidhirwt@umd.edu)).