THE UNIVERSITY OF ARIZONA.

School of Plant Sciences
College of Agriculture & Life Sciences

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Postdoctoral Research Associate 1

Position summary:

The University of Arizona School of Plant Sciences is seeking a postdoctoral research associate with expertise in molecular and cellular biology. The Mosher laboratory is looking for a motivated and enthusiastic individual to perform NSF-funded research on small RNA-directed DNA methylation in the model organism *Arabidopsis thaliana*. The qualified applicant will use advanced biological techniques, including high-throughput sequencing technologies, to answer fundamental questions in eukaryotic gene regulation. Proven expertise in molecular/cellular biology and excellent oral and written communication skills are required. A sound understanding of high throughput sequencing and prior experience with analysis of the resulting data sets are highly desired. Expertise with fluorescent microscopy is also advantageous. The ability to work both independently and collaboratively is essential.

Duties and responsibilities:
- Perform high-quality laboratory research.
- Communicate results in oral and written form.
- Develop new research objectives as appropriate.
- Supervise graduate or undergraduate students.
- Attending and participate in lab meetings, journal clubs, and departmental seminars.

Minimum qualifications:
- A PhD in the field of molecular biology, genetics, or related discipline.
- Proven experience with molecular biology techniques.
- Effective oral and written communication skills and excellent organization and record keeping.
- Ability to work both independently and collaboratively.

Preferred Qualifications:
- A sound understanding of the challenges of large datasets, including statistical analysis.
- Prior experience with high-throughput (next-generation) sequencing and associated data analysis.
- Expertise with fluorescent microscopy.

To apply, visit https://www.uacareertrack.com and search for job #52282.
All applications must be placed online.