The Sloan Lab at Colorado State University is looking for a postdoctoral researcher with experience in plant molecular biology to join an ongoing NIH-funded project to understand the mechanisms responsible for extreme variation in mutation rates in plant mitochondrial and plastid genomes. The broader focus of our research is on the evolution of plant organelle genomes and their coevolution with the nucleus. More information about our research projects and publications is available at our lab website: https://sites.google.com/site/danielbsloan/

We seek someone who is excited about addressing evolutionary questions at the molecular level and wants to contribute to a positive and collaborative intellectual environment. May 1, 2020 is the target start date, but this is flexible.

Applicants should have expertise in:

- Molecular biology techniques
- Plant (preferably Arabidopsis) genetics, transformation, and/or genome editing

Additional relevant skills and experience could include one or more of the following areas:

- Mechanisms of mutation, DNA damage/repair
- Mitochondrial and chloroplast biology/biochemistry
- Library construction for next-generation sequencing
- Comparative genomics and bioinformatics

Our lab is in the Department of Biology at Colorado State University, which is housed in a state-of-the-art research facility that opened in 2017. The department includes numerous labs in the fields of both plant molecular biology and evolutionary biology, so there are ample opportunities for collaboration outside the lab group. The university is in Fort Collins, Colorado, which routinely ranks among the top locations in the country in terms of overall quality of life.

Interested researchers should e-mail Dan Sloan (dbsloan@rams.colostate.edu) and include a CV, along with a brief statement of research/career goals and how they pertain to the position. Review will begin January 25, 2020, but inquiries are still very much encouraged after that date.