Postdoctoral Associate - Slotkin Lab

Description

The Slotkin laboratory is currently seeking two organized and motivated researchers to add our group. The new postdocs will investigate how transposable elements and transgenes are targeted for epigenetic silencing using cutting-edge techniques including: single-molecule long-read sequencing, whole genome methylome analysis, and small RNA deep sequencing. Both wet-bench and computational informaticists will be considered, as well as any combination of these skill-sets. Candidates with experience in epigenetics, epigenomics and/or transposable elements are highly encouraged to apply. For more information about our research program, please see: www.danforthcenter.org/scientists-research/principal-investigators/r-keith-slotkin

Qualifications

- Ability to direct one’s own research efforts as well as to critique project strategy
- Ability to demonstrate project leadership and guidance for other research associates or graduate students as necessary
- Candidates should be able to demonstrate familiarity with computational/bioinformatics approaches
- Effective communication in both written and oral form
- Demonstrated collaboration skills
- A PhD in a field related to Plant Molecular Biology, Genetics, Genomics, Bioinformatics or other related field is required

The Danforth Center offers competitive pay and a generous benefits package.

About the Donald Danforth Plant Science Center:

Founded in 1998, The Donald Danforth Plant Science Center is an independent, non-profit organization with a mission to improve the human condition through plant science. Our focus is scientific research at the nexus of food, energy and the environment to improve the productivity and sustainability of agriculture. We assemble interactive teams of scientists and develop unique platforms to discover underlying principles about how plants work. We then convert that knowledge into useful crops and products, and partner with organizations that are best positioned to solve problems where they exist around the world. The Center’s work is funded through competitive grants from many sources, including the National Institutes of Health, U.S. Department of Energy, National Science Foundation and the Bill & Melinda Gates Foundation.

Please apply at https://www.danforthcenter.org/about/careers