A postdoctoral position is available in my lab to investigate developmental and environmental reprogramming of cell fate and function in Arabidopsis in the context of chromatin. We study reprogramming in a variety of biological contexts using a combination of genetic, (epi)genomic, cell biological and molecular approaches. Research topics include spatiotemporal control of the formation of flowers, flower patterning, the response of germinating embryos to drought/ABA and recruitment and regulation of chromatin remodeling and modifying complexes that support the transcriptional changes required for reprogramming of cell function. Some recent publications are appended below, more details about our work can be found at http://www.bio.upenn.edu/people/doris-wagner.

The successful candidate should be about to complete or have recently completed their PhD and should have a strong publication record. We look for an applicant that is able to work independently and in a team, and is highly productive. Proficiency in biochemical or genomic approaches is desirable.

The University of Pennsylvania Biology Department has an active Plant Biology research group and excellent research facilities. Salary will be commensurate with qualifications and experience.

Those interested should submit a cover letter (1-2 pages) outlining their research interest and career goals, a current curriculum vitae, and name and contact information of three referees to wagnerdo@sas.upenn.edu


Doris Wagner
Professor
Department of Biology
University of Pennsylvania
Philadelphia, PA 19104-6084
USA

wagnerdo@sas.upenn.edu<mailto:wagnerdo@sas.upenn.edu>
215-898-0483
http://www.bio.upenn.edu/people/doris-wagner
http://sites.sas.upenn.edu/wagner-lab/?l=https://sites.sas.upenn.edu/?q=wagner-lab/>