

Postdoctoral Position in Plant Bioinformatics  
Penn State University

A postdoctoral position in bioinformatics is available at Penn State University to study the regulation of transcription and translation by RNA structural motifs in plants including, but not limited to, G-quadruplexes (see Mullen MA, Olson KJ, Dallaire P, Major F, Assmann SM, Bevilacqua PC. 2010. [RNA G-Quadruplexes in the model plant species \*Arabidopsis thaliana\*: prevalence and possible functional roles](#). Nucleic Acids Res. 38(22):8149-63. PMID: 20860998). The successful applicant will be supported under Human Frontiers in Science funding and will work in close collaboration with our experimental team, consisting of both plant biologists and RNA biochemists.

Applicants for this position should have demonstrated expertise in bioinformatics and programming (e.g. R, Perl, Python), and in analysis of high throughput datasets. Experience in phylogenetic analysis is helpful.

Please e-mail your CV, a cover letter describing interests and expertise, and the contact information for three references to: Dr. Sally Assmann, Biology Department, The Pennsylvania State University, e-mail: [sma3@psu.edu](mailto:sma3@psu.edu). Informal inquiries are welcome. This position is available immediately. Review of applications will continue until the position is filled. AA/EOE.