Experimental and Computational Postdoctoral Positions in Plant RNA Biology

Post-doctoral positions are available for collaborative projects between the labs of Prof. Sally Assmann (sma3@psu.edu) in Penn State’s Biology Department and Prof. Phil Bevilacqua (pcb5@psu.edu) in Penn State’s Chemistry and BMB Departments.

These positions build on the Structure-seq method that we developed to probe RNA structure genome-wide in vivo. We are applying Structure-seq and transgenic methods to uncover RNA structure-function relationships in rice and Arabidopsis and their regulation by abiotic stressors. The first opening is for a wet-bench post-doc with exceptional skills in molecular biology. The second opening is for a computational post-doc who is proficient in coding as well as in the application of standard bioinformatics tools.

Successful candidates will have an opportunity to gain expertise in both biological and chemical aspects of RNA structure-function relationships. These positions are available immediately, although the start date is negotiable. Interested applicants should send via e-mail a cover letter describing their interest and experience and a c.v., including names and e-mail addresses of three references, to:

Dr. Sally Assmann, Waller Professor of Biology, Penn State University (sma3@psu.edu) or Dr. Phil Bevilacqua, Professor of Chemistry (pcb5@psu.edu). Review of applications will begin immediately and continue until the positions are filled.

Penn State has a large, vibrant, and collaborative group of faculty in plant biology and the wider life sciences. Penn State’s flagship University Park campus is situated in a community consistently rated as among the most livable small cities in the US.

More information on our research can be found in our publications and at our websites: http://www.personal.psu.edu/sma3/ and https://sites.psu.edu/bevilacqua/


