Postdoc Position in Light and Temperature Signaling

A postdoctoral position is available in the laboratory of Dr. Meng Chen in the Department of Botany and Plant Sciences at University of California Riverside. Research in the Chen lab aims to understand the signaling mechanism of the plant photoreceptor and thermosensor phytochrome B. The current projects focus on the aspects of phytochrome B signaling relevant to two fundamental but less-understood questions in Cell Biology: (1) how does cell signaling reprogram the genome through dynamic organization of the nuclear architecture. The Chen lab has been interested in the function of a phytochrome B-containing subnuclear domain named the photobody in light and temperature signaling; (2) how does the cell nucleus control organellar gene expression? The Chen lab has recently identified a nucleus-to-plastid phytochrome signaling pathway for the regulation of chloroplast transcription. For more information about the Chen lab, please visit the lab website at https://www.plasticgenome.org/.

Requirements: recent Ph.D. in biochemistry, cell biology, molecular biology or related areas. Excellent written and verbal communication skills. Candidates with demonstrated research productivity and expertise in biochemistry are especially encouraged to apply. Starting date is negotiable.

To apply, please e-mail your CV with a list of publications, a statement of research experience and interest, and contact information of three references to meng.chen@ucr.edu. Review of applications will continue until the position is filled.