



## **Post-doctoral Research Associate Positions available in the Department of Entomology at the University of Kentucky**

Post-doctoral research associates are needed to participate in NIH, USDA, and private industry-funded research projects in Palli laboratory in the Department of Entomology at the University of Kentucky. These positions are available immediately with funding for one year and a possibility of extension based on the progress and availability of funds. Financial support includes \$47,400 health and life insurance and other benefits.

The applicant would work with faculty of the College of Agriculture, Food and Environment in an interdisciplinary research group focused on improving RNAi in major insect pests and employing CRISPR/Cas9 mediated genome editing to learn functions of critical proteins involved insect development, reproduction, xenobiotic response and epigenetic regulation of hormone action. List of recent publication from our group is available at <https://www.ncbi.nlm.nih.gov/myncbi/subba.palli.1/bibliography/public/> Experience in one or more of the following areas is required; insect and cell culture, microscopy, standard molecular methods such as DNA, RNA and protein isolation, gel electrophoresis, sub-cloning, RNA sequencing, RT-qPCR, ChIP assays, RNAi, microinjection, protein expression, and purification.

The University of Kentucky is in Lexington, Kentucky. Lexington is a mid-sized city of about 300,000 people and centrally located within a few hours driving distance to several major cities, including Atlanta, Chicago, Cincinnati, Detroit, and Louisville. We are also less than an hour from great hiking and camping in the Red River Gorge.

For additional information, please contact Dr.S.R.Palli, [rpalli@uky.edu](mailto:rpalli@uky.edu). To apply, please send 1) a letter of application, 2) your Curriculum vitae, and 3) contact information for three references to Dr. S. R. Palli, Department of Entomology, S225 Agricultural Science Center, University of Kentucky, Lexington, KY 40546, Phone: 859 257 4962, Fax: 859 323 1120, Email: [rpalli@uky.edu](mailto:rpalli@uky.edu).