

Postdoctoral Research Associate in Functional Genomics

**Biosciences Division
Oak Ridge National Laboratory
Oak Ridge, TN**

Project Description:

A postdoc position in functional genomics is available in Biosciences Division, Oak Ridge National Laboratory (ORNL). The selected candidate will join a large team of investigators to systematically study protein-encoding genes and non-coding RNAs relevant to biofuel production as well as small signaling proteins mediating plant-microbe interactions. The team activities include transcriptome sequencing, genome resequencing, large-scale comparative genomics, proteomics, metabolomics and functional genomics. The project is funded through DOE BioEnergy Science Center (genomicscience.energy.gov/centers/besc.shtml) and the Plant-Microbe Interfaces (PMI) project (<https://pmi.ornl.gov:8443/pmi/index.jsp>). This research is facilitated by a full range of state-of-the-art equipment/facilities.

Required disciplines/background:

Successful candidate should have working knowledge of molecular biology and computational biology as well as an understanding of regulation of gene expression; some background in protein function is also desirable.

Qualifications:

This position welcomes individuals with very strong experimental skills, being able to do productive research downstream of bioinformatics analysis. Applicants are expected to have a Ph.D. degree in genetics, molecular biology, biochemistry, or related fields. Preference will be given to candidates with a relevant publication record. Excellent oral and written communication skills and ability to work in a team are required.

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

Technical Questions:

Questions regarding the position can be directed to Xiaohan Yang at yangx@ornl.gov.

How to Apply:

Qualified applicants must apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.