

Faculty Positions in Agricultural Genomics

The National Laboratory of Genomics for Biodiversity of Mexico (Langebio) is a Unit of the “Centro de Investigación y de Estudios Avanzados” (CINVESTAV), a Federal Government Institution devoted to basic and applied research. Langebio’s mission is to conduct top-ranked research and graduate education, while promoting genomic knowledge for the protection and sustainable use of Mexican biodiversity. An international team of scientists conducts research at Langebio, with an emphasis on collaboration and multidisciplinary studies. Langebio is located on the Irapuato campus of CINVESTAV. One of the primary focuses of the CINVESTAV Irapuato campus is plant biology and agricultural research.

Langebio is seeking to recruit up to two faculty members in Agricultural Genomics. Appointments can be made at the equivalent of assistant, associate or full professor level. Candidates should have a strong background in quantitative genetics, making full use of genomics-enabled approaches. Successful candidates will continue or develop an internationally recognized program in crop genome research, combining fundamental study and education with application to plant breeding and agronomy. Applicants with experience in field-based evaluation of plant materials are strongly encouraged. Appointees will have the opportunity to further develop genetic and genomic resources available at Langebio. These include existing mapping populations and diversity panels for crops and other plant species, as well as the results of ongoing large scale genome sequencing initiatives. In addition to establishing a research laboratory at Langebio, it is anticipated that a successful applicant will build links with public and private sector breeding programs, both in Mexico and internationally. Candidates proposing to work with Mexico’s rich diversity of native crops are particularly welcome.

Criteria for consideration of candidates:

Ph.D. or equivalent in plant sciences, genetics, agronomy, or related field. A record of excellence in research. Potential to establish a competitively-funded research program. Ability to teach an M.Sc. level class in quantitative genetics, plant breeding, bioinformatics or a related topic.

Applicants should send a CV, PDFs of their 3 most important publications, and a three-page description of their scientific accomplishments and proposed research program. Applicants should arrange for three reference letters to be sent separately.

Review of applications will begin March 1, 2019 and continue until the positions are filled. Please send applications to the attention of Dr. Alfredo Herrera-Estrella, Director, Langebio-CINVESTAV, Irapuato, Guanajuato, MEXICO, E-mail: ximena.osorio@cinvestav.mx