**Position: Maize Molecular Geneticist**

This position will be hosted by the Global Maize Program of CIMMYT in its’ offices in India.

**Duration:** 12 to 24 months from September 2025

**Primary responsibilities include:**

* Discover and validate genomic regions associated with prioritized traits using an array of genetic resources available in CIMMYT’s gene bank and breeding programs.
* Assist in optimizing and implementing high throughput, low-cost marker-assisted selection or genomic selection-based pipelines for maize improvement.
* Contribute to and support innovative maize molecular breeding research for accelerating genetic improvement for stress tolerance, nutritional quality and yield improvement.
* Actively participate in collaborative maize breeding, research and capacity building activities in the framework of CIMMYT’s overall project agenda.
* Technical backstopping and capacity strengthening of the national partners in maize molecular breeding.

**We are seeking candidates with the following qualifications:**

* Ph.D. in Plant breeding or Genetics or Molecular Biology or closely related fields.
* At least 2 years of post-doctoral experience is desirable.
* Experience in molecular breeding, especially Association genetics/QTL analysis/Fine mapping/MAS.
* Computational and statistical skills in languages such as R, GenStat, or SAS and excellent skills in molecular mapping software
* Familiarity with different SNP and sequence databases of cereals and relevant bioinformatic skills to utilize the same.
* Demonstrated ability to publish in refereed, high-impact scientific journals.
* Proficiency in spoken and written English;
* Strong self-motivation and innovative skills, coupled with interest in international agricultural research and development.
* Demonstrated ability to work collegially and collaboratively in diverse, multicultural partnerships.