



H2020 FOCUS-AFRICA - Postdoc position, Genetics, Scuola Superiore Sant'Anna, Italy

The Laboratory of Genetics at the Scuola Superiore Sant'Anna (SSSA) invites applications for a **Postdoc position in quantitative genetics** to work on the EU H2020 project Focus-Africa. We are looking for recent Ph.D. graduates or people about to graduate with interest and experience in population genomics and GWAS. No problem if you are not an expert in the field – we value curiosity and love for research above all.

The main task in this position is the genomic, climatic, and phenotypic characterization of rice and cowpea crop genetic resources of Mozambique. SSSA will use landscape genomics, GWAS, and participatory variety selection in collaboration with local farming communities in northern Mozambique to develop climate-aware local breeding methods.

The Focus-Africa consortium, led by the World Meteorological Organization, focuses on the development of climate services to support food security, energy, and water management in Southern African Development Community (SADC) countries. The position at SSSA entails tight collaboration with climate scientists from all over Europe in the effort to support climate-ready agriculture through genomics and breeding. During the research, the candidate is expected to travel to SADC countries and to conduct field work in Mozambique.

Context

The SSSA is located in Pisa, Italy (<https://www.santannapisa.it/en>). It is a top-tier research university, ranking first in Italy, 7th among world young universities and 149th globally (<https://www.timeshighereducation.com>). The position opening is under the supervision of Dr. Matteo Dell'Acqua, a young Associate Professor focusing on agricultural genetics. The lab boasts an international profile with PhD students coming from several countries in the world. You may find some of the recent research coming from the lab at:

https://www.researchgate.net/profile/Matteo_DellAcqua

Pisa is a small university town hosting several thousand students, three universities, and several national research institutes. Laying between mountains and the sea, Pisa is a unique place to conduct research while enjoying Tuscany and Italian lifestyle, with a low cost of life and plenty leisure opportunities. The Pisa airport is at a walking distance from the city center and a gateway to all Europe and overseas.

Details

Duration: **12 months**, renewable on the same grant up to three years. Starting time: mid 2020. Salary: approx. **35,000 EUR / year** gross salary.

For enquiries and applications please contact m.dellacqua@santannapisa.it