OPPORTUNITIES
TO LIVE, WORK, AND STUDY AT KAUST

PhD Candidate

The Salt Lab from Prof. Mark Tester is building a team to work on a recently funded project to study the wild genetic diversity in *Chenopodium* species for improvement of heat stress tolerance in quinoa. In this project, comparative physiological and molecular analyses will be used to identify key genetic factors governing heat stress tolerance in wild relatives of quinoa that could help extend the cultivation of quinoa into hotter climates, and mitigate the risks associated with climate change in current areas of cultivation.

Qualifications

- Bachelor degree in plant science or related field
- Interest in developing future crops

The Salt Lab is based in the Center for Desert Agriculture (CDA) at KAUST and offers a supportive and vibrant team of international scientists. The CDA is embedded in the Biological and Environmental Science and Engineering Division, which maintains world-class research facilities including microscopy, analytical chemistry, third generation sequencing, and plant growth facilities.

Application instructions

The applicant is kindly requested to provide:

- a full CV,
- a one-page statement about their experience in relation to the listed qualifications,
- contact information for two referees from academia or industry (letters are not required at this point in time).

Applications should be submitted to Dr. Vanessa Melino: vanessa.melino@kaust.edu.sa.

Screening of applicants will start immediately and the position remains open until filled.

King Abdullah University of Science and Technology (KAUST) advances science and technology through distinctive and collaborative research integrated with graduate education. Located on the Red Sea coast in Saudi Arabia, KAUST conducts curiosity-driven and goal-oriented research to address global challenges related to food, water, energy, and the environment.

The Center for Desert Agriculture is committed to finding smart and efficient solutions to produce high value crops and staples that will require less water, fertilizer, and pesticides; can grow on marginal lands; and have reduced greenhouse gas emissions. Through education and outreach, we are empowering the next generation of global leaders in sustainable agriculture.

Learn more at cda.kaust.edu.sa