



King Abdullah University
of Science and Technology

We seek a highly motivated and talented postdoc to join a dynamic team of plant developmental biologists at KAUST.

Postdoc in understanding molecular mechanism underlying growth and defense tradeoff in Tomato and Rice

Location: Thuwal, Saudi Arabia

JOB DESCRIPTION

The laboratory of cell and developmental biology (<https://lpcdb.kaust.edu.sa>) within the Biological and Environmental Science and Engineering Division (BESE) at King Abdullah University of Science and Technology (KAUST) seeks a highly motivated and talented postdoc to join a dynamic team of plant developmental biologist at KAUST.

When challenged with biotic stresses, plants redirect their resources toward a defence response that occurs at the expense of growth. Recently we have identified a set of transcription factors involved in this process in Arabidopsis and tomatoes and we are currently characterizing their function in regulating growth and response to biotic stresses.

REQUIREMENTS

The candidate must have a strong background in genetics, crop biology, tissue culture and transformation, molecular biology and histology. Experience in immunocytochemistry and RNA in situ hybridization technologies and confocal microscopy is highly recommended.

Excellent verbal and written English communication skills are a must.

CONDITIONS OF EMPLOYMENT

Fixed-term contract: The position would be initially for one year, but with possibility for renewal for a maximum of 3 years depending on the candidate's performance. According to KAUST regulations.

KAUST

KAUST is an international, graduate research university dedicated to advancing science and technology through interdisciplinary research, education, and innovation. KAUST attracts top faculty, scientists, engineers and students from around the world to conduct curiosity-driven and goal-oriented research to address the world's most pressing scientific and technological challenges. Located in Saudi Arabia, on the eastern shores of the Red Sea, KAUST provides an award-winning campus to live, work, study and play.

KAUST is ranked among the top universities based on research performance and innovation outputs. According to the 2019 Normalized Nature Index rankings, KAUST was #18 globally. In Nature Index's most recent Young Universities Rankings (2019), KAUST was #1 for institutions under 20 years of age and #6 for those under 50. In the QS World University Rankings, KAUST has been ranked #1 globally (since 2016) in "Citations per Faculty" and almost 10% of faculty members are recognized as Clarivate Analytics Highly Cited Researchers (2020).

ADDITIONAL INFORMATION

Please include a cover letter that summarizes relevant experience and motivation for the job, along with a CV that includes contact information for three references (name, position and e-mail address). For more information, please contact Prof. Ikram Blilou Ikram.blilou@kaust.edu.sa. For applications please use the application button on this website. The anticipated starting date is early 2023.