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MycoTWIN boosts TÃ¼rkiyeâ??s Mycotoxin research with EU support

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The EU-funded MycoTWIN project has successfully advanced global efforts to tackle mycotoxins, harmful fungal compounds that contaminate cereals, nuts, and dried fruits, by strengthening TÃ¼rkiyeâ??s expertise in food safety research.

Led by the Scientific and Technological Research Institution of TÃ¼rkiye (TÃ?BÄ°TAK), the initiative paired Turkish researchers with leading European institutions, including Italyâ??s National Research Council (CNR-ISPA) and Spainâ??s University of Valencia (UV). The project provided TÃ?BÄ°TAK with access to cutting-edge methodologies, joint studies, and advanced training, boosting its capacity to monitor and address mycotoxin risks.

â??The project created invaluable learning opportunities, allowing our researchers to train alongside leading experts,â? said Hayrettin Ã?zer, senior chief researcher at TÃ?BÄ°TAK.

Workshops, seminars, and technical exchanges formed a core part of the programme. TÃ?BÄ°TAK scientists travelled to Italy and Spain for hands-on training in analytical techniques, risk assessment, and mitigation strategies. This direct collaboration enabled Turkish researchers to adopt best practices and integrate advanced tools into their own work.

With support from MycoTWIN, TÃ?BÄ°TAK also upgraded its laboratory facilities, introducing state-of-the-art analytical systems to strengthen detection and prevention capabilities. These enhancements ensure the institute can play a leading role in national mycotoxin research while contributing to Europeâ??s broader food safety framework.

By boosting knowledge transfer and research collaboration, the MycoTWIN project has reinforced TÃ¼rkiyeâ??s position as a regional hub for food safety research. More importantly, it has created long-term benefits for Europe and beyond, helping safeguard food supplies and protect public health from fungal contamination.