



Adel Mokhtar Elmaghrabi

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Prof, Adel Elmaghrabi is a specialist in Plant Molecular Biology, with expertise in plant tissue culture and the organization of scientific meetings and conferences. His research focuses on the genetic and epigenetic mechanisms underlying plant resistance to environmental stresses. He aims to identify key genes that can be targeted to enhance crop resilience, with the ultimate goal of making significant contributions to sustainable agriculture and environmental conservation.

Professor Adel Elmaghrabi also the Principal Investigator of the project (Enhancing Agricultural Productivity for Improved Food Security in Africa) supported by the International Atomic Energy Agency (IAEA, RAF5092). In addition, he represents the Research and Standardization Committee at the International Olive Council (IOC) and the Chairman of the High Committee of the Libyan Forum for Desert Spatial Development.

Featured Publications

1. Adel M. Elmaghrabi, et al, (2019) Nuclear migration is a morphological marker for acquisition of salt stress resistance in vitro. *Frontiers in Plant Science*. Vol, 10 | doi.org/10.3389/fpls.2019.00783
2. Adel M. Elmaghrabi, et al (2021) Evaluation of salt oversensitivity (SOS) genes and agronomic traits of some mutant lines induces salinity tolerance in barley via gamma ray. 15th conference of PAE Egypt (December 2021).
3. Adel M. Elmaghrabi et al (2023) Assessment of the Cytological and Chemical Changes of some Varieties of Potato Tissues under Salt Stress. *Scientific Journal of the Science Faculty- Sirte*.
4. Inas Alhudiri, Ahmed Zagdani, Salah Edin Elmeshri, Adel Elmaghrabi, Adam Elzagheid, (2023) Libyan Foods: preventing a public health crisis. *Lancet*, Nov, 18:402(10415). (PubMed) IF 168.9

<https://www.researchgate.net/profile/Adel-Elmaghrabi>

<https://www.scopus.com/authid/detail.uri?authorId=14031501500>

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