CURRICULUM VITAE

PERSONAL DATA

Name	Abdelghafar Mohamed Abu-Elsaoud
Nationality	Egyptian
Position	Associate Professor
E-Mail	Amsmohamed@imamu.edu.sa
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EDUCATION

Year	Academic Degree	Institution
2009	Ph.D.	Joint supervision: Alfaraby Kazakh National University (Kazakhstan) and Utah Stage University (USA).
2006	M.Sc.	Master degree of Science in Plant physiology and phytochemistry, Suez Canal Univ., Egypt.
1999	B.Sc.	Bachelor Degree (B.Sc. in Biology-Botany), Faculty of Science, Suez Canal University.
2010-2014	postdoc	Post-doctorate position at Lund University, including research, on Plant molecular Physiology, from July 2012, until July-2014

WORK EXPERIENCE

Period	Position	Address
2000-2005	Research and teaching assistant	Biology dept., Suez Canal University At Por-Said research and teaching assistant, Port Said, Egypt
2005-2009	Assistant lecturer at Biology dept.	Suez Canal University At Por-Said research and teaching assistant, Port-Said, Egypt
2009-2018	Assistant professor of Plant physiology	Faculty of Science, Suez Canal University, Ismailia, Egypt
2000-2014	Post doctorate	Faculty of Science, Lund University, Lund, Sweden

RESEARCH INTERESTS

Plant photobiology, Laser, Ultraviolet, UV-B, climate change, abiotic stress, Plant physiology, Phytochemistry, secondary plants metabolites, stress physiology, oxidative stress, antioxidants,

PUBLICATIONS

Tagauov, Y.D., **Abu-Elsaoud**, A.M., Abdrassulova, Z.T., Tuleukhanov, S.T., Salybekova, N.N., Tulindinova, G., Al-Abkal, F., Salybekova, N., **2023**. Improvement of Blood Parameters of Male Rats Exposed to Different Injection Doses of Liquid Chlorophyll. Cureus 15.

Abu-Elsaoud, A.M., 2023. Impacts of Climate Change on Plant Mycobiome. DOI : 10.1007/978-3-031-28307-9.

Abd EL-Mageed, A., Mahmoud, S., Emam, M.A.E.M.A., **Abu-Elsaoud, A**., Sabry, S., **2022**. Genetic Variability and ISSR Markers of some Faba bean (Vicia faba L.) cultivars under drought condition. Current Science International 11, 365–377.

Abu-Elsaoud, A.M., Abdulmajeed, A.M., Alhaithloul, H.A.S., Soliman, M.H., 2022. Role of Electromagnetic Radiation in Abiotic Stress Tolerance, in: Plant Abiotic Stress Physiology. Apple Academic Press, pp. 355–391.

Alhaithloul, H.A.S., **Abu-Elsaoud**, A.M., Soliman, M.H., 2020. Abiotic stress tolerance in crop plants: role of phytohormones. Abiotic stress in plants 233.

Alsaidy, B.M., **Abu-Elsaoud**, A.M., Hamedo, H.A.-H., El-Shatoury, S.A., 2022. Induction of Bio-Active Compounds Production from some Actinomycetes Genera Using Low Power Electromagnetic Radiation. Advances in Environmental and Life Sciences.

Dawood, M.F., **Abu-Elsaoud, A.M.,** Sofy, M.R., Mohamed, H.I., Soliman, M.H., 2022. Appraisal of kinetin spraying strategy to alleviate the harmful effects of UVC stress on tomato plants. Environmental Science and Pollution Research 29, 52378–52398.

EL-Mageed, A.M.A., Mahmoud, S.A., Emam, M.A., **Abu- Elsaoud**, A.M., Sabry, S.A., 2022. Assessing Drought Tolerance of some Faba Bean (Vicia faba L.) Cultivars Using Genetic Variability, Tolerance Indices and ISSR Markers. Journal of Plant Production Sciences 11, 111–121.

Eltamany, E.E., Goda, M.S., Nafie, M.S., **Abu-Elsaoud**, A.M., Hareeri, R.H., Aldurdunji, M.M., Elhady, S.S., Badr, J.M., Eltahawy, N.A., 2022. Comparative assessment of the antioxidant and anticancer activities of Plicosepalus acacia and Plicosepalus curviflorus: Metabolomic profiling and in silico studies. Antioxidants 11, 1249.

Khalil, A.A., Abd-Elhakim, Y.M., Said, E.N., Moselhy, A.A., **Abu-Elsaoud**, A.M., El-Houseiny, W., 2022. Milk thistle and co-enzyme Q10 fortified diets lessen the nickel chloride-induced neurotoxic and neurobehavioral impairments in Oreochromis niloticus via regulating the oxidative stress response, acetylcholinesterase activity, and brain nickel content. Aquaculture 553, 738102.

Senousy, H.H., El-Sheekh, M.M., Saber, A.A., Khairy, H.M., Said, H.A., Alhoqail, W.A., **Abu-Elsaoud, A.M**., 2022. Biochemical analyses of ten cyanobacterial and microalgal strains isolated from

egyptian habitats, and screening for their potential against some selected phytopathogenic fungal strains. Agronomy 12, 1340.

Sofy, M., Mohamed, H., Dawood, M**., Abu-Elsaoud**, A., Soliman, M., 2022a. Integrated usage of arbuscular mycorrhizal and biochar to ameliorate salt stress on spinach plants. Archives of Agronomy and Soil Science 68, 2005–2026.

Sofy, M., Mohamed, H., Dawood, M., **Abu-Elsaoud**, A., Soliman, M., 2022b. Integrated usage of Trichoderma harzianum and biochar to ameliorate salt stress on spinach plants. Archives of Agronomy and Soil Science 68, 2005–2026.

Sofy, M.R., Mohamed, H.I., Dawood, M.F.A**., Abu-Elsaoud, A.M**., Soliman, M.H., 2021. Integrated usage of arbuscular mycorrhizal fungi and chicken waste biochar as economic potential tools to ameliorate antioxidant activity, osmolyte accumulation and salt endogenous hormone-stressed spinach plants. Archives of Agronomy and Soil Science. https://doi. org/10.1080/03650340.2021 1949709.

Youssef, S.M., Abdella, E.M., Al-Elwany, O.A., Alshallash, K.S., Alharbi, K., Ibrahim, M.T., Tawfik, M.M., **Abu-Elsaoud**, A.M., Elkelish, A., 2022. Integrative application of foliar yeast extract and gibberellic acid improves morpho-physiological responses and nutrient uptake of Solidago virgaurea plant in alkaline soil. Life 12, 1405.

Diab, M.K., Mead, H.M., Khedr, M.A., Nafie, M.S., **Abu-Elsaoud, A.M.,** El-Shatoury, S.A., 2021. Artemisia-derived Actinobacteria Producing Inhibitors of Spodoptera Littoralis via Molecular Modeling Studies.

Soliman, M.H., Abdulmajeed, A.M., **Abu-Elsaoud, A.M.,** 2021. Ethylene: A Key Regulatory Molecule in Plant Appraisal of Abiotic Stress Tolerance, in: Plant Growth Regulators for Climate-Smart Agriculture. CRC Press, pp. 133–144.

Abdel-Azeem, A.M**., Abu-Elsaoud, A.M.,** Abo Nahas, H.H., Abdel-Azeem, M.A., Balbool, B.A., Mousa, M.K., Ali, N.H., Darwish, A.M., 2021. Biodiversity and industrial applications of genus Chaetomium, in: Industrially Important Fungi for Sustainable Development: Volume 1: Biodiversity and Ecological Perspectives. Springer International Publishing Cham, pp. 147–206.

Abo Nouh, F., **Abu-Elsaoud, A.,** Abdel-Azeem, A., 2021. The role of endophytic fungi in combating abiotic stress on tomato. Microbial Biosystems 6, 35–48.