

Marwa Elsebai Abd El-Sadek

Address: 225 Yasmeen 2, 5th settlement, Cairo, Egypt.

Telephone: +201009178905

Date of birth: 15-3-1981

Marital Status: married

Position: Lecturer of Plant Biotechnology.

Tissue Culture Lap. Supervisor.

Email: dr.marwaelsebai@azhar.edu.eg



Professional profile

- Lecture assistant for 4 years from 2006 till 2010, then as an assistant lecture for 6 years from 2010 to 2016, then lecture in Tissue Culture and Biotechnology for 2 years till now, lecturer in Plant Science (1) for first group of Lap Technical Institute from 2019 till now.
- I submitted to the Faculty of Science at Al-Azhar University a proposal to establish a tissue culture laboratory in 2010. After obtaining approval from the university president, I contributed to the construction and supervised Lab preparation from 2011 to 2014 until it become ready to do research. Indeed, a number of masters and doctorates graduated from it.

Courses with experience in teaching

- 1- Tissue culture
- 2- Biotechnology
- 3- Plant physiology
- 4- Molecular biology
- 5- Taxonomy
- 6- Anatomy
- 7- Morphology
- 8- Microtechnique
- 9- Physiology of algae
- 10- Plant science (1)

Objective

“looking to secure a challenging new role where skills, knowledge and previous experience can be applied” for a rewarding new position within retail management, where skills, knowledge and expertise gained throughout experience to date can be applied and further professional development achieved.”

Career summary

From 2016 to 2018	Dr University Name: Al-Azhar university
from 2010 to 2016	Assistant lecture University Name: Al-Azhar university
from 2006 to 2010	Lecture assistant University Name: Al-Azhar university
from 2014 to 2018	1- Work in exam College control science 1/2014 till now. 2- Working in the corporate quality group in several axes until the college was accredited in 2018.
from 2018 till now	I was nominated as the Quality Coordinator for the Botany Program

Education

<u>Qualification Name</u>	<u>Dates</u>
1- B.Sc.in Botany (Excellent with honors)	2003
2- Master degree in tissue culture (Physiological studies on neem plant (<i>Azadirachta indica</i>) via biotechnology)	2010
3-Degree of Philosophy Doctor in Biotechnology (Physiological response of potato plant (<i>Solanum tuberosum</i> L.) to Salt stress <i>in vitro</i> .)	2016

Professional Development

- 1- Work in National Research Centre as I get Scholarship from the Academy of Scientific Research for my Excellence from 2003 to 2006.
- 2- Work at Al-Azher University as assistant with teaching many academic courses (physiology, anatomy, morphology, taxonomy, Division of botanical kingdom, algae, flora, ecology and plant tissue culture from 2006 till 2010.
- 3- Work at Al-Azhar University as lecturer assistant with teaching many academic courses (physiology, anatomy, morphology, taxonomy, Division of botanical kingdom, algae, flora, microtechnique, biotechnology, photochemistry, ecology, plant science (1) and plant tissue culture from 2010 till now.

Personal details

- Key I.T. Skills:** Leadership, team worker, problem solver, time management, and communication skills.
- Other:** Computer skills, English.
- Interests:** Swimming, volley ball, writing poetry, reading.
- A guest in TV programs:**
- 1- Miracles in describing the Qur'an for plants and germination (10-10-2018)
Scientific miracles program in the Holy Quran, Delta channel in the Delta TV building.
 - 2- Miracles in watering with one water (12-2-2019)
Scientific miracles program in the Holy Quran, Delta channel in the Delta TV building.

Other certificates

Date

- | | |
|---|------|
| 1- Al-Azhar university certificate for windows course. | 2000 |
| 2- Alahly clup certificate for excellence in inscience Honors. | 2003 |
| 3- Syndicate of Scientific Professions certificate for excellence in inscience Honors. | 2003 |
| 4- Al-Azhar university certificate for Participate in enriching the activities of the third environmental awareness week to achieve sustainable development | 2007 |
| 5- The test of English Language Proficiency (TELP) with a 453 score. | 2009 |
| 6- Faculty of Science Al-Azhar university certificate for Effort during the week of environmental awareness..... | 2010 |
| 7- Leadership Institute in Helwan certificate in leadership. | 2010 |
| 8- Faculty of Science Al-Azhar university certificate for Efforts in quality work. | 2017 |
| 9- Positive participation in the awareness program of the Faulty of Science, Al-Azhar university (Girls), including the visit of the Institute of Tomorrow's Bright Girls and the Institute of Kuwaiti Girls Al-Azhari within the criterion of community participation and environmental developmental In the quality assurance unit. | 2019 |

Conferences and workshops

Date

- 1- The third international conference of genetic engineering & biotechnology research division. 2009
- 2- The first Egyptian conference of plant biotechnology. 2016
- 3- Application of nanotechnology conference. 2017
- 4- Al-Azhar quality assurance and training center certificate in curriculum mapping and course description. 2017
- 5- Al-Azhar quality assurance and training center certificate in student evaluation. 2017
- 6- Al-Azhar quality assurance and training center certificate in effective presentation skills. 2017
- 7- Al-Azhar quality assurance and training center certificate in research design skills. 2017
- 8- Al-Azhar quality assurance and training center certificate in self-institution assessment. 2017
- 9- Canadian Training Center of Human Development certificate in Human Development Diploma. 2018
- 10- Canadian Training Center of Human Development certificate in Physiognomy. 2018
- 11- Al-Azhar university certificate for Participate in creative learning course. 2018
- 12- International conference Egypt-Japan multidisciplinary science forum, "innovation and new challenges" 2018
- 13- Scientific day for the genetic engineering & genetic nutrition. 2018
- 14- Basic steps for international publication. 2018
- 15- Our resources are the lives of our children conference. 2018
- 16- Agriculture and futuristic challenges conference. 2018
- 17- Modern Biotechnology Techniques for the Production of Food and Medicine workshop as speaker. 2018
- 18- The Second International Scientific Conference on the Environment and Sustainable Development entitled Our Resources Our Children's Lives. 2018
- 19- The program of statistical analysis and design experiments in biological and agricultural research and the requirements of ISO using packages SAS program in the Egyptian Atomic Energy Authority at the training center of the Atomic Energy Authority. 2018
- 20- Current Research in Agriculture and Resource Economics with focus on climate- and water smart Agriculture in arid regions- A pragmatic review Workshop organized by Technische Universität München under the framework of TUM Global incentive fund. 2019
- 21- Research quality and performance workshop (Clarivate Analytic). 2019
- 22- Efficient publication strategy. 2019

List of publication

Date

- 1- Fawzia A.E., El-Kazzaz A.A. and Marwa E.A. Callus induction from immature embryo, cotyledon and leaf explants of neem (*Azadirachta*). *Egyptian Journal of Biotechnology*. 2010. 35:1-12.
- 2- Fawzia A.E., Marwa E.A. and El-Kazzaz A.A. Micropropagation of four potato cultivars in vitro. *Acadimia Journal of agriculture research*. 2015. 3(9):184-188.
- 3- El-Kazzaz A.A., Fawzia A.E. and Marwa E.A. In VITRO Microtuberization of Two Potato Cultivars under Sea Water Stress. *International Journal of Research in Agriculture Science*. 2016. 3(3):2348-2997.
- 4- El-Kazzaz A.A., Marwa E.A. and Fawzia A.E. Induction of in vitro tolerant plants to seawater via exchangeable cycles of selection. *Egyptian Journal of Biotechnology*. 2016. 51:22-36.
- 5- El-Kazzaz A.A., Fawzia A.E. and Marwa E.A. Acclimation of potato via in vitro microtubers versus plantlets under saline condition. *Scientia Ariculturae*. 2018. 21(2):49-56.
- 6- El-Kazzaz A.A., Fawzia A.E. and Marwa E.A. Variabilities on DNA level of two selected potato genotypes under seawater salinity. *Applied science reports*. 2018. 21(1):30-37.
- 7- Zeinab A.K. and Marwa E.A. Morphogenic Responses of in vitro Grown Tobacco Plants Subjected to Cadmium and Ascorbic Acid: Does the Redox Signal Have a Role? *Bioscience Research*. 2018. 15(4):3673-3691.
- 8- Hebat-Allah A.H., Mekki B.B., Marwa E.E., Abd Elateef E. Effect of L-Ornithine application on improving drought tolerance in sugar beet plant. *Heliyon*. 2019. 5.