

CURRICULUM VIATE

Dr. Abd El-Halim Seif El-Din Aly

Senior Researcher



Central Laboratory of Date Palm for Research and Development,
Agric. Res. Centre, Egypt

Name :	Dr. Abd El-Halim Seif El-Din Aly
Qualifications :	<p>Ph.D. Agriculture Sciences (Plant Pathology), June 1998 Zagazige University M.Sc. Agriculture Sciences(Plant Pathology)-Zagazig Univ.1991.</p> <p>B.Sc. Agriculture Sciences- Moshtohour, 1967</p> <p>I have obtained my M.Sc in plant pathology the title of thesis- production of virus-free potato plants through tissue culture technique in 1988-1991.</p> <p>I have obtained my P.hd in 1998.- The title of thesis (in vitro studies for production of potato clones free from the most popular viruses in Egypt.</p>
Military Service :	1968-1975
Place of assignment :	- Agricultural Department in Aswan , 1968 – 1975 -Transferred to the Agricultural Department at Giza , 1975
Current Occupation:	Senior Research at the Research and Development Central Date Palm Laboratory , Agricultural Research Center
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<p>Previous Jobs :</p>	<p>Nominated to work at the Tissue Culture Laboratory of the Agricultural Development Systems Project , ADS (Egypt – California Project) , according to the approval of H.E the deputy Prime Minister of Agriculture in 1986 – 1989 .</p> <p>Nominated to work at the National Agriculture Genetic Engineering Laboratory(NAGEL) in 1990 .</p> <p>I had an interior lend to work as a director for the Tissue Culture Laboratory : Shoura Company (El-Shiaty – Gharbieh) to establish a Plant Tissue Culture Laboratory in 1991 – 1995 .</p> <p>I returned back from the interior lend and was appointed to work for the second time at the Agricultural Development Systems Project (California – Egypt Project) ,Plant Tissue Culture Laboratory in 1995 .</p>
<p>Activities:</p>	<p>Establishment and Participate the following Plant Tissue Culture Laboratories in Egypt and Arab countries</p> <ul style="list-style-type: none"> • Establishment Plant Tissue Culture Lab.Shoura Company - Egypt • Then I return back to my lab (Date Palm Research Laboratory) till now . <p>Training course at reissue culture lab In moscow niversity . Idaho USA (1984 – 1985)</p> <ul style="list-style-type: none"> • Establishment plant tissue culture lab saudi Arabia (tabuk comp) 1997 • Establishment of Plant Tissue Culture Lab. In Kuwait for date palm Agro-Date Palm Company 2004-2005 • Establishment of Plant Tissue Culture Lab.in Saudia Arabia (Sokeet company)-2005 -2008 • Training course at T.C. lab UAE university . date palm development research unit dapt (2008) . • El Raghy Company –Plant Tissue Culture Lab. for date palm from 2008 to 2012 (working) .

I have attended some conferences of Date Palm:

1 – The International conference on date palm Nov . 9/11/199 in Assuit university .

2 – The First International Conference , in Egypt , on Plant Tissue Culture and its Application 12 – 14 Sep . 1999 Cairo , Egypt .

3 – Minia 1st Conference for Agricultural and Environmental Sciences 25 – 28 March , 2002 .

4 – Egyptian – German Workshop on Plant Genomics : from The Gene to the Product . Administrated by the Genetic Engineering and Biotechnology Research Institute, Minufiya University . Held from 8th to 13 th April 2002 .

5 – National Project for Seine development . the future Guideline for Agriculture and urban development . Held in Seuss Canal University Agriculture Science – Al- Areesh

6 – The international conference on date – palm at king Saud university Qaseem Branch , college of Agric . and Vet . Med . 16-19 September 2003 .

Fields of interest: Plant Tissue Culture- Horticulture

Micro-propagation of date palm

Plant Pathology

Publications

- 1-Abd- El- Baky, M.A.A.; Aly, A. S, A. and Metwally ,A.A. (2011):** Effect of number of subcultures and cultivars on *in- vitro* multiplication through direct organogenesis of date palm (*Phoenix dactylifera* L.). *Journal of Chem., Environ. Sci.*, 6 (4): 79-94.

- 2- Zein El-Din, Amal, F. M.; M. AbdEl-Rasoul; M.S. Ibrahim,S. and Aly , A.S. (2010) ;** Physiological Studies on micro-propagation of some date palm cultivars 2. Some hormonal and chemical changes via embryogenesis and germination. *Acta Horticulturae* 736 (1): 1-17.

- 3-El-Din, Z., Amal, F.M., AbdEl-Rasoul, M., Ibrahim, I.S., Aly, A.S. and Sharaf Eldeen, H.A.M.(2007).** Micropropagation of some date palm cultivars; changes of some chemical constituents related to embryogenesis. *Acta Hort. (ISHS)* 736:233-241.

- 4-Hassen, M.M.; Gomaa, A.H.; Ibrahim, I.A. and Seif Eldin, A. (2004).** *In vitro* storage of date palm somatic embryos under minimal growth condition and genetic stability of regenerated plantlets by rapid markers. *Proceed. Int. Conf. Gent. Eng. & Application* (April 8-11, 2004) 483-498.

- 5-Aly, A. S.(2003).** Influence of nutrient, abscisic acid and carbohydrate supply on browning phenomena (phenol composition) of date palm somatic embryos through conservation period. *J. Agric.Sci. Mansoura Univ.*, 28(3); 2053-2062, 2003.

- 6-Ali, A. S. (2003).** Somatic embryogenesis and plant regeneration of some Egyptian semi-dry date palm cultivars: 1- Somatic embryogenesis. J. Agric. Sci. Mansoura Univ., 28(6): 4893-4906 .
- 7-Aly, A. S., Sabet K. K., and El-Sherif Ebtisam (2003).** Effect of Inoculation VA-mycorrhizal fungi and type of adaptation soil on growth of *Phoenix dactylifera* L. plantlets produced by the tissue culture technique .The International Conference on Date Palm, King Saud University, College of Agric. and Vet .Med.) (445-452), 2003.
- 8-Ibrahim, I.A.; Gomaa, H.A . ; Seif El dein, A. : Faik, B. and Hamd, A.M. (2003)** Encapsulation of somatic embryos of date palm (*Phoenix dactylifera* L.) in synthetic seed coats. Annals of 9-Agric. Sci. Moshtoher, 41(1): 299-312.
- 9-El-Sharabasy, S., A. ; Aly , A . S. ; El-Banna ,A.A .and A.A. Eliwa, A.A. (2003).** Effect of pollination methods and pollen sources on fruit set, yield and fruit quality of Sewy and Samany dates. J. Agric. Sci. Mansoura Univ.,28(6):4857-4870.
- 10-El-Tarras, A. : Hosni, Y : Elbanna ,A. and Aly, A.S. (2002).** Date palm (*Phoenix dactylifera* L.) cultivars identification using RAPD technique. Egyptian Journal of Horticulture , 29: 205-216
- 11- El-Tarras, A. : Hosni, y.A. : Elbanna, A. and Aly,A. S. (2002).** Genetic diversity within Egyptian date palm cultivars based on RAPD Analysis. Egyptian Journal of Horticulture , 29 :217-228

- 12- El-fiki,A.I.; Nasr El-Din, T.M, R.N.Fawzy , R.N.and .Aly, A.S..1992.**
Tissue culture combined with thermo or chemotherapy for elimination of potato virus X (PVX). Ann. Agric.Sci. Moshtoher ,30:179-193..
- 13- El-fiki, A.I.; Nasr El-Din,T.M. Mahady, A. M. and Aly, A. S.(1992).**
Elimination of potato virus X and comparable of micro-tuber productivity of some infected potatoes *in vitro*, Ann. Agric. Sci. Moshtoher ,30:196-208.
- 14- Abd EL-Baky M.A.,A. Seaf El-Dean and H.A.A. Metwally. (2011).**
Effect Of Number Of Subcultures And Cultivars On In-Vitro Multiplication Through Direct Organogenesis Of Date Palm (Phoenix Dactyliferal.)