

**Ministry of Agriculture and Land Reclamation
Desert Research Center
Ecology and Dry Lands Agriculture Division
Plant Genetic Resources Department
Tissue Culture
CAIRO - EGYPT**

CURRICULUM VITAE

Dr.Redha Elsayed Elsayed Abo-elfadl

Researcher of Tissue Culture Unit, Desert Research Center, Cairo-Egypt.

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PERSONAL BACKGROUND

Date of birth : 23-9-1962

Place of birth : Menya ElKamh-Sharkiya .

Marital status : Married .

Citizenship : Egyptian.

Languages : English.

EDUCATION:

B.sc.ZAGAZIG UNIVERSITY1985

DIPLOMA in environment sci.

**Department of agricultural sci. Institute of environmental studies and research
Ain shams university ,Egypt,1994**

**M.Sc.In environmental studies and research, Ain shams university ,Egypt ,2001
"In vitro propagation of Neem Azadirachta Indica and production of repellent
active constituent."**

Ph.D:Minufiya University,

Genetic Engineering and Biotechnology Research

Institute (GEBRI),Sadat city. Department of plant Biotechnology(2008)

**Studies on in vitro propagation of Aswan Date palm cultivars and their
germplasm preservation**

EMPLOYMENT, HISTORY AND EXPERIENCE

- **Specialist of plant tissue culture at the department of Plant Genetic Resources, Desert Research center from 1998 to 2002**
- **Researcher Assistant in Plant tissue culture unit. Plant Genetic Resources, Desert Research center from 2002 to 2008**
- **Researcher in Plant tissue culture from 2008 until now**

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Egyptian Journal of Horticulture.

RESEARCH INTERESTS

*Development of disease –resistant and tolerant plants from tissue culture by using single cells .The protocol must allow the cells to withstand several cycles of selection in astringent environment and still be able to regenerate whole plants .

- Anther culture (Adrogenetic haploid induction) as a route to the rapid and efficient development of homozygous lines for hybrid breeding.

-Induction of salt and heavy metal tolerance through tissue culture .

-Inducing Artificial seed technology can be very useful for , the propagation of a variety of crop plants.

-secondary plant products by using tissue culture .
conservation of plant genetic resources in vitro .

TRAINING AND EXPERIENCES

*Participated in the Egyptian german workshop "Plant genomics :From the Gene to the product."

*Participated in the Egyptian –American workshop on "Advanced Molecular Techniques and practical Approach to DNA Analysis "14-16 january2007

*Participated in the Egyptian –American workshop on "Practical approach to DNA sequencing and Bioinformatics in (CEBRI)Minufiya University from 9-11january 2007

*Attend in the first international conference for Applications of Biotechnology 18-19 oct.2008

Faculty of Biotechnology MSA University

*Attend in the second international conference for Applications of Biotechnology 18-19 oct.2008 Faculty of Biotechnology MSA University

Attend in traning course in tissue culture and genetic transformation in plant N.R.C 11-22 April 2004 .

A participant in the research team in the following projects;

- 1) NARP project for in vitro Date palm propagation 1992 - 1995.
- 2) The use of Biotechnology project. The use of Biotechnology "Tissue culture" in cloning some superior clones and hybrids for some woody trees Adapted to siwa and North west coast. Project financed by Regional councils for Research and extensions. Final Report.