

CURRICULUM VITAE

Dr. Fadia Mohamed Youssef Askar El Sherif
Associate Professor Plant Biotechnology

CURRICULUM VITAE

Dr. Fadia Mohamed Youssef Askar El Sherif
Associated Prof Assistant Professor

Personal and Professional Information

Name: Fadia Mohamed Youssef Askar El Sherif

Family Name:- El Sherif

Date of Birth: May- 13 -1971

Nationality: Egyptain

Sex. Female

Marital Status: Married

Mother Language: Arabic

Foreign Language English and Germany

Affiliation: Suez Canal University Faculty of Agriculture Department of Horticulture
Ismailia Egypt

Tel 09960535541288.0996013035897533

Email : woroofss@yahoo.com, Felsherif @ kfu.edu.sa

Education Background

*B.Sc. of Agriculture Science Faculty of Agriculture Suez Canal University in 1993 with general grad very good with honour (the first of all classes)

*M.Sc.in Floriculture Faculty of Agriculture Suez Canal University in Jun 1997 Thesis Title (**Micropropagation of some *Yucca spp.***)

*PhD in in Floriculture Faculty of Agriculture Suez Canal University in Jun 2009 Thesis Title (**Activation tagging in transgenic poplar and analysis of tagged variants**)

Employment History

1. Research student (1993/1994) Department of Horticulture, Suez Canal University Ismailia Egypt
2. Demonstrator (1994/1997) Department of Horticulture, Suez Canal University Ismailia Egypt
3. Assistant Lecturer (1997) Department of Horticulture, Suez Canal University Ismailia Egypt
4. I had scholarship from Egypt Government in Germany for two years to make my Ph.D lab work from 2006 to 2008 in Hamburg Uni.

5. **Assistant Professor.**from 2009 – 2014) Department of Horticulture, Faculty of Agriculture Suez Canal University Ismailia Egypt and the head of the Tissue culture lab in Department of Horticulture Suez Canal University, Ismailia, Egypt.
6. **Assistant Professor.**from 2013 Department of Biological , Sciences Faculty of Science, King Faisal University, Al-Ahsaa 31982, The Kingdom of Saudi Arabia
7. **Associated Professor.** 2014 Department of Horticulture, Faculty of Agriculture Suez Canal University Ismailia Egypt.

Awards and Fellowships

1. Scholarship from Canada Government (CEMARP) in Egypt from 1994 to 1996
2. Scholarship from Egypt Government in Germany from 2006 to 2008

Teaching and Supervising Experiences

Course taught:

Title of course	Institution
	Fac.of Agric. Suez Canal Univ

Plant Molecular biology
 Biology
 Economical plant
 Plant cell and Tissue culture
 Fundamentals of Horticulture
 Horticulture Production
 Medicinal and Aromatic Plants
 Production of Ornamental Plants (1)
 Production of Ornamental Plants (2)
 Improvement of Horticultural Crops
 Post Harvest of Horticulture Crops
 Gardening Landscape
 Trees and shrubs
 Lawns
 Ornamental Bulbs
 Propagation of ornamental plants
 Seed production
 Cactus and succulent plant
 Plant breeding
 GM crops
 PCR reaction

Department of Biological ,Sciences Faculty of
 Science, King Faisal University from 2012 to 2015

Plant Molecular biology

Biology
Economical plant
Plant cell and Tissue culture

Number of On-going supervised students: Honor degree: M.Sc.: 4 PhD:1

List of Journal Publication

- 1- Sanad, S.S .Habib¹., Mohammed , A. Hussein²., Ameen ,A. AL-Azab³ ., Fadia El Sherif ^{4*} (2016) **Micropropagation of Four Coffee Cultivars (*Coffea arabica* L.) From Yemen Through Shoot Tip Culture.** . Research Jour. Suez Canal Univ under press
- 2- Marwa S. Godaa, Safwat A. Ahmeda, Fadia El Sherif b, Salah Khattabb,Hashem A. Hassaneana and Amany K. Ibrahima (2016) (under press)
- 3- **Hoda A. S. El-Garhy¹, Salah Khattab², Mahmoud M. A. Moustafa¹, Rania Abo Ali³, Ahmed Z. Abdel Azeiz⁴, Abeer Elhalwagi⁵ and Fadia El Sherif^{2*}**
(2016) **Eliciting the expression of chalcone synthase genes (*CHSs*) enhanced the silymarin yield and induced salinity tolerance of *Silybum marianum* L. (under press)**
- 4- Salah Khattab, **Fadia El Sherif**, Hoda El Garhe, Amany K. Ibrahim and Safwat A. Ahmed (2015). Genetic and phytochemical analysis of the in vitro regenerated *Pilosocereus robinii* by ISSR, SDS-PAGE and HPLC". Gene 533(1): 313-21.
- 5- **Fadia El Sherif**, Salah Khattab, Amany K. Ibrahim and Safwat A. Ahmed (2013). Improved silymarin content in elicited multiple shoot cultures of *Silybum marianum* L. Physiol Mol Biol Plants 19: 127-136.
- 6- Ismail, E. G., Walid.W.Mohamed, Salah Khattab and **Fadia El Sherif** (2013). Effect of Manure and Bio-fertilizers on Growth, Yield, Silymarin content, and protein expression profile of *Silybum marianum*. Int. J. Med. Arom,3 (4): 430 - 438.
- 7- **Fadia El Sherif (2013) In vitro NaCl tolerances of *Artemisia dracunculus*.** Int. J. Med. Arom. Plants ,. 2, 549-557.

- 8- Hans Hoenicka , Silke Lautner , Andreas Klingberg , Gerald Koch , **Fadia El-Sherif** , Denise Lehnhardt , Bo Zhang , Ingo Burgert , Ju'rgen Odermatt , Siegbert Melzer , Jo'rg Fromm and Matthias Fladung (2012) Influence of over-expression of the FLOWERING PROMOTING FACTOR 1 gene (FPF1) from Arabidopsis on wood formation in hybrid poplar (*Populus tremula* L.X *P. tremuloides* Michx.). *Planta* 235:359–373.
- 9- **Fadia El Sherif**, Salah Khattab, Ezzat Goniam, Nashwa Salem and Khaled Radwan (2011). Effect of Gamma Irradiation on Enhancement of Some Economic Traits and Molecular Changes in *Hibiscus Sabdariffa* L. *Life Science Journal* 8(3): 220-229.
- 10- **Fadia El Sherif** and Salah Khattab (2011). Effect of growth regulators on *Carpobrotus edulis* rapid micropropagation and molecular analysis. *Journal of American Science* 7(9): 511-520.
- 11- Fadia El Sherif and Salah Khattab (2011). Direct shoot regeneration from leaf, root and stem internode segments of male poplar trees and the molecular analysis of variant regenerated plants *Journal of American Science* 7(8): 200-206.
- 12- Amany K. Ibrahim, Safwat A. Ahmed, Salah Khattab and **Fadia El Sherif** (2011). Efficient callus induction, plant regeneration and estragole estimation in Russian tarragon (*Artemesia dracunculus* L.). *Journal of Essential Oil Research* 23: 16-20.
- 13- Salah Khattab and **Fadia El Sherif** (2010). Micropropagation of *Artimisia dracuculus*. *Agric. Research Jour. Suez Canal Univ* , (10): 12-16.
- 14- Hamdy Atta-Alla, Mostafa Zaghloul, , Abdel Kawee Waly, Matthias Fladung and **Fadia El Sherif** (2009) Activation tagging in aspen using a glucocorticoid-inducible two component. Ac/Ds-enhancer element system. *Catrina*,4(2):45-51.
- 15- Hamdy Atta-Alla, Mostafa Zaghloul, , Abdel Kawee Waly Matthias Fladung and **Fadia El Sherif** (2009) Activation tagging in aspen using a heat-shock inducible two component. Ac/Ds-enhancer element system. *Catrina* 4 (3): 1-7.
- 16- Atta-Alla, H.K., Zaghloul, M., Waly, A. K. and **Askar, F.** (1997). Micro propagation of some Yucca species.. *Annals of Agric. Sci., Moshtohor*. 34(2): 691-709.

Books Publication

Book:- Title (Activation tagging in transgenic poplar) ISBN 978-3-639-24667-4,

We describe the establishment of an activation tagging system in poplar based upon the maize *Ac/Ds* transposable element system. Transgenic poplar plants were obtained carrying either one or two of the above mentioned constructs. • Following induction of the GIP promoter only a weak transposase signal could be detected in RT-PCR experiments. Mobility of the ATDs activation construct could not be confirmed in the GIP system. • An Activation Tagging experiment was initiated using eight different double transgenic lines. A few putative variants could be obtained revealing deficiency in chlorophyll content. • Single transgenic aspen lines carrying HSP- transposase have been produced. Following transformation with HSP-transposase a chimerical transgenic line was obtained revealing white and green plants. Following activation tagging experiment a HSP-transposase/ATDs-rolC double transgenic line, one somaclonal variation line was obtained revealing white plants.



Fadia El Sherif, Hamdy Kamal, Matthias Fladung



Fadia El Sherif, Hamdy Kamal, Matthias Fladung
Fadia El Sherif, ph-D, Lecturer and Researcher at Suez Canal University, Ismailia, Egypt. Hamdy Kamal Atta-Alla, ph-D, Professor of Horticulture at Suez Canal University, Ismailia, Egypt. Matthias Fladung, ph-D, PD, Group leader and vice-head of the Johann Heinrich von Thuenen Institute, Institute for Forest Genetics, Germany.



9 783639 246674

978-3-639-24667-4

Activation tagging in aspen

Fadia El Sherif
Hamdy Kamal
Matthias Fladung
**Activation tagging in
transgenic poplar**
Activation tagging in aspen using an
inducible two component *Ac/Ds*-enhancer
element system



Professional Affiliation

Member of the Agriculture research journal, Suez Canal University

Member of Egyptian Society for Environmental Sciences

Head of The Tissue culture and molecular biology lab, Department of Horticulture, Faculty of Agriculture, Suez Canal University, Ismailia, Egypt (from 2011 to 2013)

Share in Tissue culture laboratory (1993) Department of Horticulture, Faculty of Agriculture, Suez Canal University Ismailia Egypt.

Head of the Tissue culture and Biotechnology laboratory (2011 to2013) Department of Horticulture, Faculty of Agriculture, Suez Canal University Ismailia Egypt

Share in Biotechnology institute (2012) Suez Canal University Ismailia Egypt
The Spatula DD - Peer Reviewed Journal on Complementary Medicine and Drug Discovery.

International Research Journal of Plant Science(IRJPS)

Natural Product Research. **African journal of Biotechnology Reviewer**

Other Professional Skills and Activities

Computer Literacy

Familiar with the use of the following software:

1. Microsoft word to prepare different documents
2. Microsoft excel to prepare tables for statistical analysis
3. Microsoft internet Explorer
4. Power Point for teaching and presentation
5. Costate and SPSS for statistical analysis
6. Computer maintenance
7. ICDL certificate

Conference, Academic Meeting and Workshop Attended

1. The Third , fourth and Fifth Arabic Horticulture Conference at Suez Canal University Ismailia Egypt April (1999, 2005)
2. Botanischer Garten Conference at Hamburg Germany (2007)
3. The third international conference future trends of genetics and biotechnology for safe environment at Ismailia Egypt (2008).
4. First International Conference on Applications of Biotechnology in Agriculture Faculty of Agriculture, Benha University 19-21 February 2012, Hurghada, Egypt
5. Fourth International Conference on Climatic Change and Water Resources, Faculty of Science . Ismailia , Suez Canal University (2012)
6. The six Arabic Horticulture Conference at Suez Canal University Ismailia Egypt April (2013)
7. The 2nd workshop olive tree production plants , Department of Horticulture, Faculty of Agriculture, Suez Canal University (2013)
8. The first workshop *Cucurbita maxima*, C plants production , Department of Horticulture, Faculty of Agriculture, Suez Canal University (2013)
9. The 2nd workshop of medicinal and aromatic plants , Department of Horticulture, Faculty of Agriculture, Suez Canal University (2013)
10. Strategies associated with specified course (April 2014), King Faisal University.

Projects

- 1- genetic and phytochemical screening of in-vitro propagated *Stenhalia radicans* with emphasis on biological activities. National science, technology and innovation plan (KAST). (accepted)

