



CURRICULUM VITAE —AHMED ELSAID

Curriculum Vitae

Ahmed Ibrahim ElSayed Mohammed

*Researcher, Microbiology Dept., Soil, Water and
Environmental Inst., Agriculture Research Centre. Egypt*

Personal Information:



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Name: Ahmed Ibrahim ElSayed Mohammed.

Bibliographic Citation: ElSayd, A.I.

Gender: Male

Material status: Married

Birth date: July 10, 1980.

Place of Birth: Mansoura, Dakhalia, Egypt.

Citizenship: Egyptian.

Professional Address: Researcher, Microbiology Dept., Soil, Water and Environmental Inst., Agriculture Research Centre.

Residential address: 4, Al-Mostacharin, St. El-Gamaa District, Mansoura- Ad Daqahliyah - Egypt.

Telephone: (050) 2246530,

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Mailing Address: Genetics Dept. Agriculture Faculty, Mansoura University.

Email: Dr.Ahmedie@yahoo.com.

DrA.IbrahimElsaid@gmail.com



Formal Education/Degree:

2006-2009: Ph.D. In Agriculture Science (**Genetics**), Mansoura University, Egypt.

Department : Genetics

Thesis Title: Salicylic acid biosynthetic genes expressed in *Rhizobium leguminosarum* biovar *viciae* to improve the induction of symbiosis in *Pisum sativum*

Supervisor: Zakaria Abd El-Monem Kosba and Khalifa Zaied Dept. of Genetics, Mansoura Univ.

Department : Genetics,

Keywords: *Agrobacterium*, antagonism, bacteriocines, conjugation, *Pseudomonas*, *Rhizobium*, recombinants, salicylic acid

2003 - 2006 M.Sc. In Agriculture Science (**Genetics**) Mansoura University, Egypt.

Thesis Title: Effect of gamma irradiation on genosymbiotic efficiency and grain yield in pea (*Pisum sativum* L.).

Supervisor: Zakaria Abd El-Monem Kosba and Khalifa Zaied Dept. of Genetics, Mansoura Univ.

Keywords: Biofertilization, di-parental transconjugants, DNA transfer, gamma rays, improving nodulation.

1997 - 2001 B.sc. Agriculture Science (**General**) very good (The first) Mansoura University, Egypt.

Subject: - General.



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Professional Employment History:

2003-2006: Agriculture Eng. In Horticulture Research Institute, Agriculture Research Center, Giza, Egypt.

2006-2012: Agriculture Eng. In microbiology department, Soil, Water and Environment Research Institute (SWERI), Agriculture Research Center.

2012 -Yet: Researcher in Agricultural microbiology department, Soil, Water and Environment Research Institute (SWERI), Agriculture Research Center.

Complementary Education:

English conversation

Commercial English Language

Human resources.

Project Management.

Total Quality Management.

The professional continuing educational course for management training specialist.

Professional Training:

- **24/11-5/12.2013.** Training course on Integrated control of projected on field crops and horticultural. Arranged by Plant Pathology Institute, Agriculture research Center.
- **February 17-21, 2013.** Training course on the problems of social research in the agricultural sector. Arranged by Agricultural Extension and Rural Development Research Institute- Agricultural Research Center.



- **February, 2013.** E-learning course on Food, Agriculture and the Environment Biopolitics International Organisation 10 Tim. Vassou, Athens, 11521, Greece.
- **February 11– 21, 2008:-** Training course on rational use of inputs and irrigation water in agriculture – arranged by the central administration of the Centre for Agricultural Research.
- **23 October - 5 November, 2007:-** Training Course on Integrated control of diseases of some economic crops. Arranged by Plant Pathology Institute, Agriculture research Center.
- **25 September- 9 October, 2007:-**Rational use of production inputs and irrigation water in agriculture. Arranged by Agriculture Research Center.

Research Projects:

International projects

Biocontrol of heavy metals pollution from wastewaters.

Funded:- Arab Science and Technology, United Arab Emirates

Period:-2007-2009.

Local Projects

1- New recombinant bioinsecticide products induced in *Bacillus thuringiensis* for efficient toxicity against *Spodoptera*.

Funded: Account Research Unit at the University of Mansoura

Period:-2007-2008.

Enhancement productivity of wheat by using *Azospirillum*-sodium azide resistant mutants in combination with Azorhizobia as biofertilizer in north delta.

Funded: Account Research Unit at the University of Mansoura.

Major Research Interest :



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I am working at the Agriculture Research Center (ARC), where multidisciplinary research and development take place. ARC is helping Egypt through programs to overcome different problems including food and environment related problem. Because of the need for reduced reliance on chemical tools to manage pests in urban landscapes, there is an increasing need for research which better integrates cultural and biological tools. My specific research is conducted on:

Microbial and Biochemical Genetics.

Genetic improvement the efficiency of nitrogen fixation in rhizobacteria through horizontal gene transfer.

Biological Control of insects to avoid the environmental pollution resulting from insecticides , through genetic modifications of *Bacillus thuringensis* (Bt) , to facing biological horrify using biotechnological techniques .

Yeast and bacterial genetics.

Testing environmental pollution.

Bioremediation of heavy metals Toxicity.

Personal Skills:

Lecture and Trainer in field of Microbial Genetics.

Membership in Professional Societies:

Egyptian Society of Applied Microbiology.

Egyptian Society for Biotechnology and Ecology Sciences.

Microbial Genetics Society –Egypt.

Egyptian society of natural toxins.



Publications

- Interaction between gamma-irradiated macrosymbiont and transconjugant recombinants of microsymbiont to improve nodulation and nitrogen fixation in *Pisum sativum* variety victoria. Australian Journal of Basic and Applied Sciences, 1(4): 441-460, 2007.
- Induction of *Rhizobium* inoculants harboring salicylic acid gene. 2009. Australian Journal of Basic and Applied Sciences, 3(2): 1386-1411.
- Induction of Recombinations in *Saccharomyces Cervisiae* via Horizontal Gene Transfer for Bioremediation of Heavy Metal Toxicity from Factory Effluents. 2011. Journal of American Science, 7(11):292-299.
- Bioremediation of Heavy Metal Toxicity from Factory Effluents by Transconjugants Bacteria. J. Egypt. Soc. Parasitol., 41 (3), 2011 : 641 – 650.

Books

Salicylic acid biosynthetic genes expressed in *Rhizobium leguminosarum*. 2010. (In English), VDM Publishing House Ltd, Germany. 35205, ISBN 978-3-639-26969-7, pp.153.

Workshops

Local workshop:

Bio-safety of genetically modified organisms” June 7, 2012 Arranged by Faculty of Agriculture, Cairo University supported by EBIC.



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How to plan for projects “ sustainability “ Mai, 29, 2012 Arranged by National Research Centre

Environment & Bio-Agriculture" April 2-3, 2012. Arranged by National Research Centre.

International workshop

Endorsing nuclear safety and security in academia and university hospitals was held on 6 & 7 November 2012. The Center of Nuclear Studies and Peaceful applications at Cairo University.

SCIENTIFIC CONFERENCES

- Science and Technology Education for Sustainable Development in the Arab Region Conference December, 29-30, 2013. Arranged by TWAS-ARO
- The first international conference (Water Desalination in the Arab World) future prospects world. Mai, 26- 2013 arranged by Arab Union for Sustainable Development & Environment.
- Agriculture Development in Sinai - September 10-11, 2012. Arranged by National Research Centre.

Languages

Arab : Arabic, mother tongue.

English : Comprehends Well, Speaks Reasonably, Reads Reasonably, Writes Well.

Referee



CURRICULUM VITAE —AHMED ELSAID



Prof. Dr Khalifa Abdel-Maksoud Zaied

Dept. of Genetics , Fac. of Agric., Mansoura Univ.

Prof. Dr Zakaria Abdel Moneim

Dept. of Genetics , Fac. of Agric., Mansoura Univ.

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