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RANIA AHMED ABD EL-WAHAB MOHAMED

rania-proline@hotmail.com
raniakm@yahoo.com



Personal Information

Birth Date	7/10/1978
Gender	Female
Nationality	Egyptian
Marital Status	Single
Profession	Dr.Researcher, Plant Protection Research Institute, Agriculture Research Center , Ministry of Agriculture, Egypt
Home Address	Mansoura, Dakahlia. EGYPT
Mobile	002-0100-1068841

Academic Background

Faculty of Agriculture, Mansoura University, Dakahlia, EGYPT	
1-Ph.D of Pesticides toxicology and Resistance, Pesticides Dept.	2010
2-MSc. of Pesticides and its sub lethal concentrations effects on pests, Pesticides Dept.	2003
3-BSc. of Plant protection Dept.,(Very Good Honors), Ranked as the First of Plant Protection Dept.	1999

Experience

Mites of Cotton and Field Crops Dept., Plant Protection Research Institute, Agriculture Research Center, Ministry of Agriculture, EGYPT	
1-Assistant Professor	2015 till now
2- Dr. Researcher	2010-2015
3- Assistant Researcher	2003-2010
4- Researcher Assistant	2000-2003

Invention Prizes

1-Gold Prize For Advanced Scientific Researcher and The Best Scientific Research At The Fifth International Conference Coordinators of Arab Union for Sustainable Development & Environment AUSDE: "Future of Water, Energy, Climate and Food Nexus in the Arab Countries. 22-24 March, Cairo Univ., EGYPT

Awarded for my research paper "Direct Effects of Light Emitting Diodes (LEDs) on The Two-Spotted Spider Mite, *Tetranychus urticae* "



2-Gold Medal At Forum of Innovation in Agriculture, National Research Center (NRC), EGYPT.27-28 Jan, 2015.

Awarded for my invention "Solar Energy and Light Emitting Diodes (LEDs) to Control Agricultural Pests"



3-Silver Medal At 7th International Fair On Innovation In Agriculture, Food Industry And Agriculture Machinery, CROATIA. 9-11 May, 2014.

Awarded on all of my full research concerning *Plocamium cartilagineum* as a Pesticide and Anti-Cancer.

Presented Literatures

-Keynote Speaker at 6th GulfEco Conference & Expo, on 21-22 January 2013 in Golden Tulip Hotel through the Ministry of Environment. Muscat, Oman.

1-Solar Energy and Organic Agriculture.2013

-At Plant Protection Research Institute, Agriculture Research Center, EGYPT

1- Nanopesticides Formulation and Release Technique.2010-2012

2- Relation between Neurobiology of Insects and Pesticides Chemistry. 2010-2012

3-Biology Language and Toxicology.2009-2012

Training

Course Name	Place	Date
Information and Communication Technologies (ICT)	Indian Institute of Technology Kanpur (IITK) and the University of Agricultural Sciences- Raichur (UASR)	17 March-21April,2015
SCITA Biofans Conference	Medicine Faculty,Cairo University, Egypt	1-2 Feb.,2015
Photovoltaic Off-Grid Systems	DGS-SEDA Solar School,American University in Cairo (AUC),Egypt	29-31 Dec.,2014
International Training Workshop On Safe Production Of Grains	Shenyang Agricultural University,China	11-30 Sept.,2014
Bioinformatics Applications Course	Toronto University,Canada	15-28 Feb.,2014
Basic and Advanced Molecular Biology Workshop	Nile Center For Experimental Researchers,Mansoura,Egypt	18-20 Feb.,2014
Applications of Bioinformatics In Pharmacy	Alkharizmi Scientific Research Center of Bioinformatics, 6th October, Egypt	14-15 Feb.,2014
Basics of Bioinformatics and General Apps.	Egyptian Syndicate of Scientific Professions ,Cairo, Egypt	8 Feb.,2014
Environmental Pollutants Detection Using The Atomic Absorption Workshop	Fac.Veterinary, Beni Suf Univ.,Egypt	21-22 Oct.,2012
Practical Pharmaceutical Nanotechnology Workshop	Fac. Pharmacy, Ain Shams Univ.,Egypt	28 April,2012
International Publishing of The Further Domain Academic Skills Workshop	DAAD Kairo Akademie, Cairo, Egypt	4 June,2012

NanoTech Egypt, BAHGAT Group,2nd Scientific Forum	Dream Club,Dreamland,6th October, Egypt	30 Dec.,2011
Proposal Writing Workshop For Candidates Aiming To Apply For The German-Egyptian Research Long-Term Scholarship	DAAD Kairo Akademie, Cairo, Egypt	11 July,2011
NanoTech Egypt, BAHGAT Group,1st Scientific Forum	Dream Club,Dreamland,6th October, Egypt	30 Dec.,2010
Workshop On Multivariate Analysis And Its Biological Applications	Fac.Science,Tanta Univ., Egypt	11 Nov.,2010
Workshop On Electron Microscope And Its Applications	Fac.Science,Tanta Univ., Egypt	10 Nov.,2010
Training on advanced ways to make good cultures of honey bees	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov.,Egypt	2009
Training on advanced trends to control pests infested various orchards	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov., Egypt	2009
Training on advanced ways to control pests infested orchards and fruits	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov., Egypt	2008
Training on advanced ways to control harmful animals such as snakes and snails	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov., Egypt	2003-2008
Training on advanced ways to control harmful birds infested some economic plants	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov., Egypt	2002-2007
Training on advanced ways to control mites which attack fruit trees and vegetables	Plant protection Res.Inst., Mansoura Branch,Dakahlia Gov., Egypt	2001-2005

My Published Books

1- Rania A.Abd El-Wahab Mohamed.2015. Chemical and Biological Treatments in combination With Physical Methods to Control *Tetranychus urticae*.pp.255. Under Publishing. Lambert Academic Publishing GmbH & Co.KG.

2- Rania A.Abd El-Wahab Mohamed. 2010. Toxicity and Subtle Effects Of Pesticides On Piercing-Sucking Pests.pp.238. Lambert Academic Publishing GmbH & Co.KG. ISBN 978-3-8433-7596-2

Projects

- 1- Awarded as a leader of my team ASCP (Advanced Sciences Control Pests) in GESR (A project of Misr El Kheir Foundation, EGYPT). <http://gesr.net/> 2014
- 2-Participation in governmental project of Bollworms control in Dakahlia Governorate, Egypt. 2000-2010
- 3-Participation in governmental projects of snails and slugs control by various new pesticides.Egypt. 2000-2003

Computer Skills

Cisco	:	CISCO IT Essential 5.0 , CCNA
Microsoft	:	MCSA2012, Windows Server 2012,ICDL v.4, Windows 8,7,XP, MsOffice2013 ,2010
Programming Languages	:	C++, Android , JAVA, BioJAVA, Visual Basic Apps, BioVisual Basic
Data Analysis Progs.	:	SPSS and XLSTAT,etc.

Engineering Skills

Arduino, PLP, Elect. AutoCAD , Robots Develop. , LED and Organic LED Develop.

Language Skills

Arabic	:	Mother Tongue
English	:	Excellent
French	:	Good
Russian	:	Good

Conferences

- 1- Abd EL-Wahab,R .2015. Nanoparticles as an attractants of *Scolothrips sexmaculatus* to its treated prey,*Tetranychus urticae* .5th Int.Conf.Plant Protection Research Institute. 3-6 May, Hurgada, EGYPT.**
- 2-Abd EL-Wahab,R .2015.The Direct Effect of Light Emitting Diodes (LEDs) on The Two Spotted Spidr Mite,*Tetranychus urticae*. The Fifth International Conference Coordinators of Arab Union for Sustainable Development & Environment AUSDE: "Future of Water, Energy, Climate and Food Nexus in the Arab Countries. 22-24 March, Cairo Univ., EGYPT**
- 3- Abd EL-Wahab,R . 2015. Green Technologies to Control Pesticides Resistance in Mites of Family Tetranychidae. RAK–CAM, IWAM 2015 (International Workshop On Advanced Materials 2015) , 22-24 Feb., RAS AL KHIMA , UAE.**
- 4-Abd EL-Wahab,R . 2015. Solar Energy and Light Emitting Diodes to .Innovations in Agriculture,28-30 Jan.,2015,National Research Center, EGYPT**
- 5-Abd EL-Wahab,R . 2013. Nanoparticles as Fertilizers and Pesticides of Soybean Plants in Hydroponic. RAK–CAM , IWAM 2013 (International Workshop On Advanced Materials 2013) , 22-24 Feb., RAS AL KHIMA , UAE.**
- 6-Abd EL-Wahab,R. 2012. Difference of toxicity of Cypermethrin as Normal and Nano molecules against piercing sucking pests. RAK– CAM, IWAM 2012 (International Workshop On Advanced Materials 2012), 22-24 Feb., RAS AL KHIMA, UAE.**
- 7- Vuković, G., Lazić S., Bursić, V., Ivanišević, D., Korać, N., Abd Elwahab, R.A. and Špirović, B. 2011. GC-MS/MS Determination of Pesticide Residues in Wine and Grapes**

Produced in Sremski Karlovci – Serbia. 7th International Symposium of Mediterranean Group of Pesticide Research (MGPR), “Paolo Cabras” , 9-11-Nov, 2011. Aristotle University of Thessaloniki, Thessaloniki, Greece.

8- Abd EL-Wahab,R.A., Bursić,V. and Lazić,S. 2011. Studies on side effects of Violacene Symposium <Food ,the halogenated monoterpenes, on albino rats.22nd International Safety Production> proceedings. Trebinije, Bosnia and Herzegovina, 19-25 June, 2011. SERBIA.p:371-373

9- Abd EL-Wahab,R.A., Bursić,V. and Lazić,S. 2011. KDR (Knock-Down Resistance) Detection of Cypermethrin in *Nezara viridula* (Homoptera : Pentatomidae).International Symposium <Food Safety Production> proceedings. Trebinije , Bosnia and Herzegovina, 19-25 June ,2011. SERBIA. P:374-376

10- Vojislava Bursić, Sanja Lazić, and Rania A. Abd EL-Wahab. 2011. Applicability of gas and liquid chromatography to the analysis of metalaxyl-M and chlorothalonil residues.22nd International Symposium <Food Safety Production > proceedings. Trebinije, Bosnia and Herzegovina, 19-25 June, 2011 SERBIA. P:365-367

11-Abd EL-Wahab, R.2010. Studies on Side Effects of The Red Alga, *Plocamium cartilagineum* extracts on some laboratory animals.9th International Marine Biotechnology Conference (IMBC2010), 8-12th October, 2010, Qingdao,China.

12-Abd EL-Wahab, R.2010. Toxicity evaluation of Cypermethrin as normal and nano molecules-New approach in safe food production.XIV INT.ECO-CONF .22-25th Sept., 2010.Novi Sad Univ., SERBIA.p:141-145.

13-Abd EL-Wahab, R.2009.Toxicity of Sulfoximine against some aphids. Sixth International Symposium of Mediterranean Group on Pesticide Resaerch (MGPR) 27-30th October, 2009, Giza, EGYPT. Egypt. J. Agric. Res. 87(2):91-101.

14-Abd El-Wahab, R.2005.Laboratory bioassay of *Metarhizium anisopliae* (METSCH.) against the two spotted spider mite, *Tetranychus urticae* KOCH (Acari: Tetranychidae). Third International Conference of Plant Protection Research Institute.26-29Nov. 2005.Giza, Egypt.

15-Participation without paper in the Second International Conference of Plant Protection Research Institute .21-24 Dec.2002.

16-Gained Achievement Award From 6th October University as The Best Egyptian Scientific Student In Agriculture Faculties All Over Egypt. 1999.

Published Papers

1-Abd El-Wahab, R.A. and Li X. 2015. Effect of Desert False Indigo *Amorpha fruticosa* L. extract on the Two-Spotted Spider Mite, *Tetranychus urticae* Koch. Int.J. Chem. Biol. Sci. 1(10): Under Publishing.

- 2- Abd El-Wahab, R.A.**2015.Direct Effects of Light Emitting Diodes (LEDs) on The Two-Spotted Spider Mite, *Tetranychus urticae* .Int J Sci Res Agric Sci, 2(Proceedings),pp.79-85.
- 3- Abd EL-Wahab,R.** Anwar,E.M., Abouhatab, E. E. and Li, X. 2015. The Indirect Role Of Solar Energy In Controlling Cotton Leafworm, *Spodoptera littoralis* (Bosid) (Lepidoptera: Noctuidae). Int.J. Chem. Biol. Sci. 1 (8): 1-8.
- 4- Abd EL-Wahab,R.** and Anwar,E.M. 2014. The Effect of Direct and Indirect Use of Nanoparticles on Controlling Cotton Leaf Worm, *Spodoptera littoralis*.Int.J. Chem. Biol. Sci. 1 (7): 17 24.
- 5- Abd El-Wahab, R.A.** and Lazic, S. and Bursic, V.2014. Compatibility among Insect Predators and Light Emitting Diodes (LEDs) against the two forms of *Tetranychus urticae* in Greenhouses. Int J Chem Biol Sci (IJCBS) 1 (5): 20-27.
- 6-Abd El-Wahab R A** and Abouhatab E E (2014) Effects of Light Emitting Diodes (LEDs) On the Insect Predators Behavior against the Two Forms of *Tetranychus urticae* Koch . Int J Chem Biol Sci (IJCBS) 1 (4): 36-45.
- 7- Abd El-Wahab, R.A.** and Taha,T.M. 2014. The Relation Between Vertimec Resistance in The Two-Spotted Spider Mite,*Tetarnychus urticae* and Climate Changes in Egypt. Int.J. Chem. Biol. Sci. 1(3): 1-10.
- 8-Abd El-Wahab R A** and Bursic V (2014) Light Emitting Diodes (LEDs) Reduce Vertimec, Resistance in *Tetranychus urticae* (Koch). Int J Chem Biol Sci (IJCBS) 1 (3):28-40.
- 9- Abd EL-Wahab,R.**, Anwar ,E.M. and EL-Gindy,M. A. 2009. Laboratory Studies on Spinosyns compounds against different pests. Acarines, 3:37-44
- 10- Negm,S., Saleh ,A., Abd Elhady ,A., Bekheat ,H. and Abd El-Wahab ,R .** 2009. Demographic- toxicological studies related with resistance of different pesticides on *Tetranychus urticae* Koch (Acari:Tetranychidae). Egypt. J. Agric. Res. 87(4) : 955-971.

Interesting

- Have an experience in Microbiology to get new active ingredients from fungi,bacteria,....etc. to be used as biocides
- Inventor of 3 inventions which are mainly help in my field of studies:
The latest one depend on the use of biosensor accompanied with nanopesticide to protect plants and specially palm trees of infestation with various pests without side effects on beneficial insects .

Others

- Member of International Institute of Chemical, Biological & Environmental Engineering (IICBEE)
- Member of The Arab Union for Sustainable Development.2015 till now.
- Member of The Egyptian Association for Renewable Energy & The Environment 2015 till now.
- Member of Egyptian Association of Continuing Medical Education Development (EACMED) 2015 till now.
- Member of The Society of Chemical Industry (SCI).2014 till now
- Member of The Egyptian German Society of Zoology.2014 till now.
- Member of The Egyptian Society of Writers. 2014 till now.

- Scientific Editor of International Journal of Chemical and Biological Sciences. (IJCBS) .2014 till now.
- Member of The Egyptian Society for Environmental Sciences.2014 till now.
- Scientific Editor of Journal of Agricultural Economics and Development.2014 till now.
- Scientific Editor of Arab Journal of Data Analysis. 2014 till now.
- Scientific Editor of Arab Journal of Quality.2014 till now.
- Scientific Editor of Arab Journals such as “Al Ahram”.2013 till now.
- Participating in "Stars of Science" TV PROGRAME, second season, and classified at the first 27 candidates all over the Arab World Scientists. Doha, Qatar 2010
- Member of Egyptian Inventors Union (EIU).2010 till now.
- Member of The International Commission on Ecosystem Management (ICEM).2009 till now.
- Member of Egyptian Acarines Society.2009 till now.
- Scientific Editor of Contemporary Agriculture / Savremena Poljoprivreda,Novi Sad Univ., Serbia.2009 till now.
- Member of Egyptian Acarines Society.2009 till now.
- Member of International Scientific Academy of Engineering & Technology (ISAET). 2009 till now.

And

Other Fields Which I Certified In Them	Place	Year
-Honored From The Egyptian Society of Writers as One of Best Women Writers in Egypt at Science Field	International Book Fair, Egypt	2015
-Mini MBA (Master of Business Administration), American University in Cairo	(AUC) Egypt	2015
-Electronic Marketing Diploma from, EGYPT	League of Arab States, Egypt	2014
-International Diploma of Neurological language programming (NLP)	Canadian Center of Human Development, Canada	2013
-International Certified Arbitrator from American University of Sciences, USA.	(AUS) USA	2013
-International Certified Trainer Diploma from American University of Sciences, USA	(AUS) USA	2013
-International Diploma of Project Management (PM)	American Chamber of Commerce, Egypt	2013
-International Certified Arbitrator	League of Arab States, Egypt	2013
-International Diploma of Human Resources Diploma(HR)	Harvard Academy, UK	2010
-International Certified Employee	Harvard Academy, UK	2010