###### Curriculum Vitae

###### Gamal A. M. Abdu-Allah

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**Full Name :** Gamal Abdel-Latif Mohamed Abdu-Allah

**Birth date :** 12/12/1971

**Gender :** Male

**Nationality :** Egypt

**Marital Stastus :** Married

**Military Service :** Performed

**National ID Card :** 27112122600359

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**Date issued** :

**Place issued** : Assiut, Egypt

EDUCATION & QUALIFICATIONS

* **2017: Professor** in Agricultural Science (Plant Protection-Pesticides) - University of Assiut, Egypt.
* **2012: Associate Professor** in Agricultural Science (Plant Protection-Pesticides) - University of Assiut, Egypt.
* **2007: Ph.D.** In Agricultural Science (Plant Protection-Pesticides)- University of Assiut, Egypt.
* **Title of Ph.D.**: Resistance to spinosad and abamectin in the cotton leafworm, *Spodoptera littoralis* (Boisd.).
* **1999: M.Sc**. In Agricultural Science (Plant Protection-Pesticides) - University of Assiut, Egypt.
* **Title of M.Sc.**: Insecticide resistance in the cowpea aphid, *Aphis craccivora* Koch.
* **1993: B.Sc.** In Agricultural Science Plant Protection)- University of Assiut, Egypt.
* Course training in Electronic Microscope in Assiut Electronic-Microscope Unit, Assiut University.
* **Languages:** English : International TOEFL Test by 510 score

German: principle levels.

# RELEVANT EXPERIENCE

**Teaching:**

* **In Egypt, Faculty of Agriculture, Assiut University: Teaching under graduate students the following courses**:

- Principle of Pest Control

- Metabolism and Environmental Degradation of Pesticides

- Chemical Insecticides

- Pesticide Side Effects

- Pesticide Toxicology

- Pesticide Resistance

- Principle of Pesticide Analysis

**Teaching post graduate students the following courses:**

* Advanced Pesticide Residue Analysis
* Pesticides for Animal Pests
* Advanced Chemical Pesticides
* Pesticide Formulation
* Advanced Insecticide Toxicology
* Insect Biochemistry
* Insecticide Resistance
* Advanced Pesticide Chemistry
* **In Libya, the Faculty of Agriculture, Sebha University: Teaching the under graduate courses during 2010-2012:**
* Pesticides
* General Entomology
* Stored Product Insects
* Field Crop Insects
* Horticultural Insects
* Pest Management
* Teaching the tutorial parts of Agricultural Entomology, General Zoology, and Pest Control Courses for under graduates students in Egypt from 1993 to 2007.

**RESEARCH AND Scientific Projects:**

* Postdoctoral Scholarships in Erasmus Mundus ECW in Verije University, Brussels, Belgium in 2009.
* Training techniques in the biology laboratories from September, 2005 to
* June, 2006, Biology Department, Faculty of Natural Science and Technology, The Norwegian University of Science and technology (NTNU), Norway.
* Principle Investigator of the 959 project (Evaluation of certain fungicides against powdery mildew of Grapevine in Assiut Governorate) from 2014 to now.
* One of the membership staff of canola rape seed oil crop pest’s management control project for two seasons in Egypt under field conditions from 2000-2003.
* One of the membership staff of citrus leafminer pest’s management control project for two seasons in Egypt under field conditions from 2002-2004.
* One of the membership staff of cotton pest management project for three seasons in Egypt under field conditions from 1994-1996.
* One of the membership staff of evaluation of new cotton leafworm insecticide in Egypt under laboratory conditions from 1995-2006.
* The applicant can use some statistical analysis packages, SPSS, internet applications.

**Field interests**

I am very interesting in toxicological studies in laboratory using topical application, oral, feeding, Potter Tower bioassays. Also, I am very interesting to studying the enzymes activity and inhibition using indirect methods with synergists, or by direct methods using spectrophotometric methods. Also I am very interesting about the lethal effects of insecticides on enzyme activity behavioral response of honey bees and natural enemies.

# EMPLOYMENT

* **Demonstrator** in Plant Protection Dept. Fac. Agriculture- University of Assiut, Egypt from 13/11/1993 to 26/9/1999
* **Assistant lecturer** in Plant Protection Dept. Fac. Agriculture- University of Assiut, Egypt from 27/9/1999 until 21/7/2007.
* **Lecturer** in Plant Protection Dept. Fac. Agriculture- University of Assiut, Egypt from 22/7/2007 until 2012.
* **Associate Professor** in Agricultural Science (Plant Protection-Pesticides) - University of Assiut, Egypt from 2012**.**
* **Professor** in Agricultural Science (Plant Protection-Pesticides) - University of Assiut, Egypt from 2017**.**

### Publications

1. El-Gahreeb, A. M.; Nasser, M.A.K.; El-Sayed, A.M.K. and **Mohamed, G.A. (2000).** Possible mechanisms of insecticides resistance in the cowpea aphid, *Aphis craccivora* Koch. I. The role of general esterase and oxidase enzymes in insecticides resistance of cowpea aphid. Proceeding of the 2nd Scientific Conference of Agricultral Sciences, Assiut Oct. 1: 499-510.
2. El-Gahreeb, A. M.; Nasser, M.A.K.; El-Sayed, A.M.K. **and Mohamed, G.A. (2000).** Sensitivity of acetylcholinesterase to inhibition in susceptible and field population of the cowpea aphid, *Aphis craccivora* Koch. Proceeding of the 2 nd Scientific Conference of Agricultral Sciences, Assiut Oct. 2: 591-599.
3. Nasser, M.A.K.; El-Gahreeb, A. M.; El-Sayed, A.M.K. and **Mohamed, G.A. (2000).**Toxicological effects of some insecticides against susceptible and field populations of cowpea aphid, *Aphis craccivora* Koch. Assiut J. Agric. Sci. 31:217-230.
4. **Mohamed, G.A. (2003).** Plants engineered with *Bacillus thuringiensis* toxicant-coding genes: Bioassay and sustainability. In the first Conference of Junior Researchers, April, 13-14, Assiut, Egypt.
5. El-Gahreeb, A. M.; Ezz El-Din, H.A.; El-Sayed, A.M.K. and **Abdu-Allah, G.A.M. (2009)**.Monitoring of cross resistance among several insecticides in the cotton leafworm, *Spodoptera littoralis* (Boisd.). J.Agric.Sci.Mansoura Univ., 34:5473-5485.
6. El-Gahreeb, A. M.; Ezz El-Din, H.A.; El-Sayed, A.M.K. and **Abdu-Allah, G.A.M. (2009).** Investigation of resistance mechanisms in spinosad and abamectin resistant strains of cotton leafworm, *Spodoptera littoralis* (Boisd.).J.Agric.Sci.Mansoura Univ. 34: 5209-5219.
7. Ezz El-Din, H.A.; El-Gahreeb, A. M.; El-Sayed, A.M.K. and **Abdu-Allah, G.A.M. (2009)**. Toxicity of spinosad and abamectin compared with some conventional insecticides against parent field strain of cotton leafworm, *Spodoptra littoralis* (Boisd.). J.Agric.Sci.Mansoura Univ. 34: 5221-5229.
8. Ezz El-Din, H.A.; El-Gahreeb, A. M.; El-Sayed, A.M.K. and **Abdu-Allah, G.A.M. (2009)**.The Ability of cotton leafworm *Spodoptra littoralis* (Boisd.) field strain to develop resistance toward some conventional and bio-insecticides. Agric.Sci.Mansoura Univ. 34:5231-5241.
9. **Abdu-Allah, G.A.**; El-Gahreeb, A. M. and Ezz El-Din, H.A. **(2009).** Resistance stability to spinosad and abamectin in the cotton leafworm, *Spodoptera littoralis* (Bosid.) [http://whalonlab.msu.edu/rpmnews/vol.19\_no1/globe/rpm\_g\_Abdu-Allah.htm](http://whalonlab.msu.edu/rpmnews/vol.19_no1/globe/rpm_g_%20Abdu-Allah.htm).
10. **Abdu-Allah, G.A.M. (2010).** Laboratory and field evaluation of emamectin benzoate and spinetoram on cotton leafworm larvae. Resistant Pest Management Newsletter 20: 13-17.
11. **Abdu-Allah, G.A.M. (2010).** Selective toxicity of four recent insecticides on a nine-spot ladybird beetle, *Coccinella novemnotata* (Herbst) (Coleoptera: Coccinellidae) and three aphid species (Homoptera: Aphididae). 5th Scientific Conference for Agricultural Sciences, Fac. Agric. Assiut Univ. Oct. 16-17, 2010:185-194.
12. Besard, L., Mommaerts, V.**, Abdu-Alla, G.** and Smagghe, G. **(2011).** Lethal and sublethal side-effect assessment supports a more benign profile of spinetoram compared with spinosad in the bumblebee *Bombus terrestris.* Pest Manag. Sci. 67: 541–547.
13. Besard, L., Mommaerts, V.**, Abdu-Alla, G.** and Smagghe, G. **(2012).** Laboratory assessment of lethal and sublethal side-effects supports a more benign profile of spinetoram compared to spinosad in the bumblebee *Bombus terrestris*. Julius-Kühn-Archiv, 437. <http://pub.jki.bund.de/index.php/JKA/article/viewFile/1975/2351>.
14. **Abdu-Allah, G.A.M.;** Mommaerts, V. and Smagghe, G. **(2010).** Lethal and sub-lethal effects of spinosad on bumblebees (*Bombus terrestris* L.) under laboratory conditions. 5th Scientific Conference for Agricultural Sciences, Fac. Agr. Assiut Univ. Oct., 16-17, 2010:168-184.
15. **Abdu-Allah, G.A.M.;** Mommaerts, V. and Smagghe, G. **(2011).** Acute and chronic effects of spinosad on bumblebees, *Bombus terrestris* L. under laboratory conditions. J. Plant Prot. Path. Mansoura Univ. 7:677-690.
16. **Abdu-Allah, G.A.M. (2011).** Potency and residual activity of emamectin benzoate and spinetoram on *Spodoptera littorals* (Boisd.).Afr.Entomol. 19:733-737.
17. **Abdu-Allah, G.A.M. (2011).** Toxicity of three selective new insecticides on a nine-spot ladybird beetle,*Coccinella novemnotata* (Herbst) in Sebha, Libya.Journal of Sebha University, Lybia (Pure and Applied Sciences) 10:40-48.
18. **Abdu-Allah, G.A.M. (2012).** Aphicidal activity of imidacloprid and primicarb compared with certain plant extracts on *Brevicoryne brassicae* L. and *Aphis craccivora* Koch. Assiut J. Agric. Sci. 43:104-114.
19. **Abdu-Allah, G. A. M. (2013).** Ovilarvicidal activity of abamectin and spinosad against the cotton leafworm, *Spodoptera littoralis* (Boisduval) (Lepidoptera: Noctuidae) under laboratory conditions,"The First Assiut International Conference of Horticulture, 24-25 Feb., 86-90.
20. El-Ghareeb, T.A., Abdel-Aal, Y.A.I., Ezzeldin, H.A., and **Abdu-Allah, G.A.M. (2013).** Frequency distribution of non-specific esterase in susceptible, field and cypermethrin resistant strains of *Culex pipiens* mosquito. Assiut J. Agric. Sci.44:1234-132.
21. Ezzeldin, H.A; **Abdu-Allah, G.A.M.**; Abdel-Aal, Y.A.I and El-Ghareeb, T. A. **(2014)**. In-vitro study of esterase enzymes in relation to cypermethrin resistance in the larvae of the mosquito, *Culex pipiens*. 5 Th worlds Congress on Biotechnology, Volume 3.
22. Metwaly, M. R.; Abou-Ghadir, N.M. F.; **Abdu-Allah, G. M.**; Abdel-Nasser, M. K. **(2015)**. Susceptibility of certain wheat varieties to the infestation by *Rhyzopertha dominica* (F.) and *Tribolium confusum* (duVal), J. Phyto. Pest Manag. 20:1-8.
23. **Abdu-Allah, G.A. (2015)**. The effectiveness of some non-traditional materials as pesticides to eggs and larvae of cotton leafworm (Bosid.).Egyptian J. Agric. Res. 93:157-167.
24. **Abdu-Allah, G.M.**; Abou-Ghadir, N.M. F.; Nasser, M. A. K. and Metwaly,M. R. **(2015).**Comparative Efficiency of the Fungi, *Beauveria bassinana, Metarhizium anisopliae* and the natural product spinosad, using three economic Coleopterous stored grain insects. Egyptian J.Biol.Pest Control 25:715-720.
25. Ahmed, M.A.I.; **Abdu-Allah, G.A.M.**; Ezz El-din, H.A.; and Abdien, S.A. **(2016)**. Lethal toxicity of selected insect growth regulators (IGRs) and the synergistic effects with piperonyl butoxide (PBO) against the fouth instar larvae of *Spodoptera littoralis* (Boisd.)(Lepidoptera: Noctuidae) under laboratory conditions. In the 7 Th Scientific Conference of Agricultural Science, Assuit, Egypt, 30-31 October, 2016.
26. Metwaly, M. R.; Nasser, M. A. K.; Abou-Ghadir, N. M. F.; and **Abdu-Allah, G.M. (2016)**. Virulence, repellency and protectability of two entomopathogeic fungi against two stored insects under laboratory conditions. In the 7 Th Scientific Conference of Agricultural Science, Assuit, Egypt, October, 30-31, 2016.
27. Abdien, S. A; Ahmed, M.A.I.; **Abdu-Allah, G.A.M.**; and Ezz El-din, H.A. **(2016)**. Potential evaluation of certain conventional pesticides on fourth instar larvae of cotton leafworm, *Spodoptera Littoralis* (Boisd.) (Lepidoptera: Noctuidae) under laboratory conditions. Advances in Environmental Biology 10:282.
28. **Abdu-Allah, G.A. (2017).** Selective toxicity of certain recent insecticides and botanical extracts to *Diaeretiella rapae* parasitoid and its host, *Brevicoryne brassicae*. Egyptian Scientific Journal of Pesticides 3: 1-9.
29. **Abdu-Allah, G.A.** and Abd-Ella, A.A. **(2017)**. Efficiency of certain insecticides against the black vine thrips, *Retithrips syriacus* (Mayet) (Thysanoptera:Thripidae) under laboratory and field conditions. Journal of Phytopathology and Pest Management 4(1):58-68.
30. **Abdu-Allah, G.A. (2017).** Influence of post treatment temperature on the toxicity of four macrolacton insecticides against *Spodoptera littoralis* (BoisduVal) (Lepidoptera: Noctuidae). Journal of Phytopathology and Pest Management 4(2):1-12.
31. **Abdu-Allah, G.A.** and Mohamed, H.M. **(2017)**. Efficiency and side effects of three neonicotinoid insecticides used as faba bean seed treatments for controlling cowpea aphid. Egyptian Scientific Journal of Pesticides 4: 20-27.
32. **Abdu-Allah, G.A.** and Pittendrigh, B.R. **(2017)**. Lethal and sub-lethal effects of select macrocyclic lactones insecticides on forager worker honey bees under laboratory experimental conditions. **Ecotoxicology,** doi 10.1007/s10646-017-1872-6.
33. **Abdu-Allah, G.A.** and Abo-Elyousr, K.A. **(2017)**. Effect of certain plant extracts and fungicides against powdery mildew of Grapevines in Upper Egypt. Archives of Phytopathology and Plant Protection <https://doi.org/10.1080/03235408.2017.1407471>.

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