

Mohamed Abd El-Salam Farag Abuzeid, Ph.D.



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Personal Information

- **Place of birth:** Kafr Eldawar, Elbeheira Governorate, Egypt.
- **Date of birth:** 15/4/1978
- **Address:** Etay El-Baroud City, El-Beheira Governorate, Egypt

Education

- **Ph.D. (2015):** In Pesticide Chemistry and Toxicology, Department of Plant Protection, Faculty of Agriculture, University of Damanhour, Egypt. Thesis Title: “**CHEMICAL CONTROL OF WEEDS IN GUAR [*Cyamopsis tetragonoloba* (L.) Taub.] AND ITS SIDE EFFECTS ON GUAR YIELD AND YIELD COMPONENTS**”. Courses Average Grade" **Excellent**".
- **M.Sc. (2007):** In Pesticide Chemistry and Toxicology (Herbicides), Department of Pest Control and Environmental Protection, Faculty of Agriculture, Damanhour Branch, University of Alexandria, Egypt. Thesis Title: “**CONTROL OF SOME WEEDS IN RECLAMATED SOIL**”. Courses Average Grade" **Excellent**".
- **B.Sc. (1999):** Pesticide Chemistry Dept, Faculty of Agriculture, Damanhour Branch, University of Alexandria, Egypt. With cumulative grade “**Excellent with honor**”.

Work Experience

- Associate Professor (2022): Department of Plant Protection, Faculty of Agriculture, University of Damanhour, Egypt.
- Assistant Professor (2015): Department of Plant Protection, Faculty of Agriculture, University of Damanhour, Egypt.
- Assistant lecturer (2007-2015): Department of Pest Control and Environmental Protection, Faculty of Agriculture, Damanhour Branch, University of Alexandria, Egypt.
- Demonstrator (2000 - 2007): Department of Pest Control and Environmental Protection, Faculty of Agriculture, Damanhour Branch, University of Alexandria, Egypt.

Teaching Experience

General Teaching Experience: 30h/week during 2 semesters (or 28 weeks)

- Physical Chemistry (general) for 1st year students.
- Organic Chemistry (general) for 1st year students.

- Analytical Chemistry (principles) for 2nd year students.
- Environment Protection (principles) for 2nd year students.
- Pesticide Chemistry for 3rd year students.
- Chemistry of Insecticides for 3rd year students.
- Bioremediation of Pesticides for 3rd year students.
- Pesticides (Principles of Plant Protection) for 3rd and 4th year students.
- Pesticide Toxicology for 4th year students.
- Chemistry of Herbicides for 4th year students.
- Pesticide bioremediation for 4th year students.
- Chemistry of Herbicides “advanced” for post-graduate students “Master & PhD degree”
- Chemistry of Natural Products for post-graduate students “Master& PhD degree”.

Scientific Skills

Chemistry:

- Identification of organic and non-organic compounds.
- Familiar with all kind of instruments used in chemistry lab for example Gel electrophoresis, UV/IR spectrophotometer, and High speed centrifuge.

Pesticides Hazard Assessment:

- Pesticides groups, properties, mode of action, and activity determination.
- Advanced Pesticide Toxicology.
- Determination activity of serum enzymes& hormones in rats.
- Blood Picture identification of rats.
- Phytotoxicity of herbicides.
- Advanced Pesticide analysis.
- Studying of changes happen in Cell Physiology.
- Bioassay of pesticide residues.
- Determinations of pesticide residues by different methods (GLC, GC, HPLC, TLC, or by bioassay methods).

Field skills:

- Dealing with pesticides application.
- Dealing with pests (density, identification, classes, properties, and control methods).
- Crops development, Production (yield and yield components).
- Phytotoxicity determination of pesticides specifically for herbicides and determination of photosynthetic pigments and also determination of residual effect of pesticides.

Languages and Computer Skills

- Arabic: (native).
- English: Very good (reading and writing); TOEFL (3/8/2010).
- Microsoft Office, Statistical analysis programs (SAS, Costat), ICDL.

Training and Public Society Service

- ***Research Methodology Training Course***, Faculty of leadership development center (FLDC), Alexandria University, Egypt, July 8-11, 2006.
- ***Effective Teaching Training Course***, Faculty of leadership development center (FLDC), Alexandria University, Egypt, July 8-11, 2006.
- ***Communication Skills Training Course***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, July 28-30, 2007.
- ***Thinking Skills Training Course***, Faculty of leadership development center (FLDC), Alexandria University, Egypt, 31 July - 2 August, 2007.
- ***Effective Presentation Skills Course***, Faculty of leadership development center (FLDC), Damanhur University, Egypt, May 25-26, 2013.
- ***Time and Meetings Management Course***, Faculty of leadership development center (FLDC), Damanhur University, Egypt, 17 - 18 September 2014.
- ***Research Ethics Course***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, 4 - 5 July 2015.
- ***Quality Standards in Learning Course***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, 8 - 9 July 2015.
- ***International Publishing of Research Course***, Faculty and Leadership Development Center (FLDC), Alexandria University, Egypt, 6 - 7 July 2015.
- ***Training of trainers Program for Pesticides Practitioners***: Central Agricultural Pesticide Laboratory (CAPL), Agricultural Pesticides Committee, Ministry of Agriculture and Land Reclamation, Dokki, Giza, Egypt, 27 February 2017.
- ***Safe and Effective use of Pesticides course***: Agricultural Research Station in Qaha, in corporation of Agricultural Pesticides Committee with Syngenta Egypt company, 12-13 December 2017.
- ***Blended E-learning Skills***: E-Learning & Management Centre, Damanhour University, Egypt, 29-30 August 2018.
- ***Agricultural development in the new lands (reality - challenges - solutions - hopes) conference***; 1st conference of Department of Economics, Agricultural Extension and Rural Development, Faculty of Agriculture, Damanhour University, Egypt, 25 February 2019.
- ***Mutagenicity of Pesticides in Animals: In vivo assessment course***, Mammalian & Aquatic Toxicology Department, CAPL, ARC, Giza, Egypt, 15-16 March 2021.
- ***Managing Research Teams (on line)***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 4-5 January 2021.
- ***(Electronic) Curriculum Design (on line)***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 11-12 January 2021.
- ***Intellectual Property Rights (on line)***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 13-14 January 2021.
- ***Accreditation of an Academic Program (on line)***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 8-9 Feb. 2021.
- ***Proposal of Competition's initiatives for Research (on line)***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 10-11 Feb. 2021.
- ***(Electronic) Exams and Student Evaluation Systems***: Faculty and Leadership Development Center (FLDC), Damanhour University, Egypt, 8-9 September 2021.

- ***Certificate in Fundamentals of Digital Transformation:*** Information Technology Training Unit, Project Management Unit, Damanshour University, Egypt, 17 November 2021.
- ***The convoy of University of Alexandria to the North Sinai Governorate*** concentrated in the centers of El-Arish, Rafah and Beer El-Abed, aimed to contribute to help those affected by the floods.(March, 13-16, 2010).
- **Field seminars** to raise awareness of the importance of optimal use of pesticides and the importance of weed control in waterways under the auspices of the Directorate of Culture in Damanshour City, El-Behera governorate, Egypt.
- **Field seminars to educate farmers** the seriousness of wrong application of pesticides and the most used programs for Pest Control in the most cultivated crops in a number of El-Behera governorate villages.
- **First researcher** of Experimental program to evaluate the effectiveness of herbicides on weeds in various horticultural crops and vegetables in El-Behera governorate: Agricultural Pesticides Committee, Ministry of Agriculture and Land Reclamation, Giza, Egypt, from 2016 until now.
- ***Participation in the activities of the cultural season***, a special symposium entitled “The Role of Small Enterprises in Facing Illegal Migration”: Committee for Community Service and Environmental Development, Faculty of Agriculture, Damanshour University, Egypt.
- ***Participation in the activities of the cultural season***, the special symposium entitled “Addiction from a religious, health and social view”: Committee for Community Service and Environmental Development, Faculty of Agriculture, Damanshour University, Egypt.
- ***Participation in the activities of the cultural season***, the special symposium entitled “Food Safety”: Committee for Community Service and Environmental Development, Faculty of Agriculture, Damanshour University, Egypt.

Workshops:

1. International workshop entitled “**Control Strategies of Fall Armyworm (Exchange of international experiences)**”. The period from 4th to 5th April 2021 (on line). Plant Protection Research Institute. Ministry of Agriculture and Land Reclamation.
2. CABI Online-platform webinar series “**Navigation of International Publication**”: (1) **Research stage**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Thursday, August 6, 2020.
3. CABI Online-platform webinar series “**Navigation of International Publication**”: (2) **Manuscript Writing**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Sunday, August 9, 2020.
4. CABI Online-platform webinar series “**Navigation of International Publication**”: (3) **Submission and Review**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Thursday, August 13, 2020.
5. CABI Online-platform webinar series “**CABI Scientific Resources via EKB**”: **General Session**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Sunday, August 30, 2020.

6. CABI Online-platform webinar series **“Professional Writing of Grant Proposals”: (1) Call selection and proposal alignment**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, March 8, 2021.
7. CABI Online-platform webinar series **“Professional Writing of Grant Proposals”: (2) Writing compelling research section**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, March 15, 2021.
8. CABI Online-platform webinar series **“Professional Writing of Grant Proposals”: (3) Preparing budget, Gantt chart & project management**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, March 22, 2021.
9. CABI Online-platform webinar series **“Professional Writing of Grant Proposals”: (4) Submission, Review, contracting & getting funded**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, March 29, 2021.
10. CABI Online-platform webinar series **“How to Select a novel Research Point? for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Tuesday, April 20, 2021.
11. CABI Online-platform webinar series **“How to design your scientific experiments? for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Saturday, April 24, 2021.
12. CABI Online-platform webinar series **“Data Analysis and interpretation! for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Tuesday, May 4, 2021.
13. CABI Online-platform webinar series **“How to write the Introduction and Materials & Methods! for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, November 8, 2021.
14. CABI Online-platform webinar series **“How to write the Results and Discussions! for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, November 15, 2021.
15. CABI Online-platform webinar series **“How to write Conclusions, Abstract, Title & References for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, November 22, 2021.
16. CABI Online-platform webinar series **“How to review your manuscript before submission! for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, December 13, 2021.
17. CABI Online-platform webinar series **“How to write professional review reports! for Faculty and Researchers”**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Monday, December 20, 2021.
18. CABI Online-platform webinar series **“Poster Booster”: (1) professional Writing of the Title and Abstract**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Sunday, February 6, 2022.
19. CABI Online-platform webinar series **“Poster Booster”: (2) professional Preparation of the Poster**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Sunday, February 13, 2022.

20. CABI Online-platform webinar series “**Poster Booster**”: (3) **Professional Presentation of the Poster**. Organized in collaboration with the Egyptian Knowledge Bank (EKB) on Sunday, February 20, 2022.

List of published research:

1. Hossam F. Abou-Shaara, **Mohamed A. Abuzeid (2018)**. Effects of two herbicides on healthy and *Nosema* infected honey bee workers. *Arthropods*, 7(2): 31-41.
2. Khaled Y. Abdel-Halim, **Mohamed A. F. Abuzeid**, Fayza A. Seddik, Alaa M. Khozimy **(2019)**. Glyphosate and pendimethalin in breast milk samples from Egyptian rural areas: A pilot study for infant's risk assessment. *International Journal of Advanced Research*, 2019 (IJAR),7(9),991-1002.
3. Darwish, A. A. E.; A. M. H. Khozimy; M. M. R. Attia and **M. A. F. Abuzeid (2020)** Efficiency of Different Application Techniques of Three Neonicotinoids Insecticides against Florida Wax Scale, *Ceroplastes floridensis* Comstock and Its Parasitoid, *Coccophagus scutellaris* (Dalman). *Journal of Applied Plant Protection*, Suez Canal University, Volume 9 (1): 9-16.
4. Alaa M. H. Khozimy; **Mohammed A. F. Abuzeid**; Adnan A. E. Darwish **(2021)** Efficiency of Some Chemical and Bio-Insecticides Against Onion Thrips, *Thrips Tabaci* Lindeman (Thysanoptera: Thripidae). *Alexandria Journal of Science Exchange*, Faculty of Agriculture, El Shatby, Alexandria University VOL. 42, No.3. JULY - SEPTEMBER. 695-706. DOI: 10.21608/asejaiqjsae.2021.191176.
5. Khaled Y. Abdel-Halim; Safaa R. Osman1 **Mohamed A. F. Abuzeid**; Alaa M. Khozimy **(2021)** Hematological Changes and Oxidative Stress Induction of Titanium Dioxide Nanoparticles in Male Mice after Intraperitoneal Injection of Different Doses for 28 Days: Study of Organ's Responsibility. *Nano World Journal* 7(1): 22-32. (<http://creativecommons.org/licenses/by/4.0/>).
6. **Mohamed A. F. Abuzeid**; S. H. E. Hamada; Heba M. El-Danasoury; Alaa M. H. Khozimy **(2021)** Sub-Acute Toxicity of two Herbicides Halosulfuron-methyl and Clethodim on Biochemical and Hematological Parameters in Male Albino Rats. *Journal of Applied Plant Protection*; Suez Canal University, Volume 10 (1):35-42.
7. Mousa, R. A.; K. A. Abou-zied; A. M. H. Khozimy; **M. A. F. Abuzeid (2022)** Efficacy of Certain Herbicides in Controlling Weeds and their Side Effects on Field Pea (*Pisum sativum* L.). *Journal of Plant Protection and Pathology*., Vol 13 (1):1 – 5.
8. Alaa M. H. Khozimy; Heba M. El-Danasoury; **Mohamed A. F. Abuzeid (2022)** Biochemical Effects of Treatments with Herbicide Atrazine in Male Albino Rats.

Journal of Advances in agricultural researches Faculty of Agriculture, Saba Pasha, Alexandria University. Vol 27 (1):43 – 57.

9. Alaa M. H. Khozimy; **Mohamed A. F. Abuzeid**; Darwish, A. A. E. (2022) Effect of some insecticides and their side effects in controlling the California red scale, *Aonidiella aurantii* (Maskell) Journal of Advances in agricultural researches Faculty of Agriculture, Saba Pasha, Alexandria University. Volume: 27 (1): 113-124.
10. **Mohamed A.F. Abuzeid** ; Atef M.K. Nassar ; Alaa M. H. Khozimy (2022) Atrazine Residues in Surface Water from Various Agricultural Areas of El-Behera Governorate, Egypt. Alexandria Journal of Science Exchange, Faculty of Agriculture, El Shatby, Alexandria University. Volume: 43, No.1:35-41.