

Curriculum Vitae



Prof Dr.Kamal A.M. Abo-Elyousr

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Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah, Saudi Arabia (Tel.+966549307547 E-mail Ka@kau.edu.sa)

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Google Scholar:<https://scholar.google.com/citations?user=SVVipjsAAAAJ&hl=en>

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Education:

1- **B.Sc.** In Plant Pathology 1993, very good with honours degree, Faculty of Agriculture, Assiut Univ., Egypt. 1993

2- **MSc.** degree in Plant Pathology, Faculty of Agriculture, Assiut University, Egypt, 1998. MSc. Title: “**Studies on bacterial soft rot disease of potato tubers** “

3- **Ph.D.** degree in Plant Pathology, Faculty of Agriculture, Assiut University, Egypt, 2004. Ph.D. Title: “**Studies on induced resistance against bacterial fire blight of apple caused by *Erwinia amylovora***“

Employment:

27/01/2019- now: Prof of Plant Pathology, Department of Arid Land Agriculture, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah, Saudi Arabia

30/11/2014- now: Prof of Plant Pathology, Faculty of Agriculture, Assiut University

27/10/2009- 29/11/2014: Associate Prof of plant pathology, Faculty of Agriculture, Assiut University

27/9/2004 – 26/10/2009: Lecturer, Dept. of Plant Pathology, Faculty of Agriculture, Assiut University.

1/1/1999 – 26/9/2004: Assistant Lecturer in the Department of Plant Pathology, Faculty of agriculture, University of Assiut, Egypt.

19/10/1994 –28/12/1998: Demonstrator in the Department of Plant Pathology, Faculty of Agriculture, University of Assiut, Egypt.

Administrative Positions:

2- Vice-Dean for Education and Student Affairs at Faculty of Sugar Technology Research Assiut University 9-2017 to 1/2019

3- Director of Quality Assurance Unit, at Sugar Technology Research Institute Assiut University, since September 9/ 2016 to 1/2019

4- Supervisor of Department of Science and Technology of Sugar Industry (Agriculture) Sugar Technology Research Institute, since September 2016 to 9/2017

5- Director of Quality Assurance Unit, at Faculty of Agriculture, Assiut University, since March 2015 to March 2016

Postdoc fellowship

29/3/2016 – 30/6/2016. Postdoc Researcher experience. Research Fellowship in Institute für Biologischen Pflanzenschutz, JKI Institute, 64287 Darmstadt, Germany.

1/3/2014 – 30/8/2014. Postdoc Research experience Research Fellowship in Institute für Biologischen Pflanzenschutz, JKI Institute, 64287 Darmstadt, Germany.

6/10/2001 – 6/10/2003. Postgraduate Research experience as Ph.D. Research Fellowship in Biologische Bundesanstalt für Land-und Forstwirtschaft, Institut für Biologischen Pflanzenschutz, BBA Institute, Germany. Working on Fire blight disease

Awards and Prize:

- 1- The Best Research in Agricultural Sciences in 2009 "
- 2- The first one in the international publication in the Agriculture Science at Assiut Univ. in 2013"
- 3- Assiut University Encouragement Award in Agricultural Science in 2013
- 4- The State Encouragement Prize in Agricultural Science in 2014
- 5- First class medal 2017
- 6- The third one in the international publication in the Agriculture Science at Assiut Univ. in 2019

Memberships:

- 1- Agriculture Studies Committee, Egypt
- 2- Member of the Council of Microbiology, ASRT, Egypt.
- 3- Egyptian Phytopathological Society.
- 4- Arab Society for Plant Protection.
- 5- Indian Society of Plant Pathologists
- 6- Australasian Plant Pathology Society

Editorial board in scientific journals

- 1- Archive of Phytopathology & Plant protection (Editor Board) <https://www.tandfonline.com/toc/gapp20/current>
- 2- Journal of Plant Diseases and Protection (Associate Editor) <https://www.springer.com/journal/41348>
- 3- Australasian Plant Pathology (Associate Editor) <https://www.springer.com/journal/13313>
- 4- Research J. Plant Pathology (Executive Editor) <https://www.imedpub.com/research-journal-of-plant-pathology/>
- 5- Journal of Phytopathology and Pest Management (Editor in Chief) <http://www.ppmj.net>
- 6- Open Access Journal of Agricultural Research (OAJAR) <http://medwinpublishers.com/OAJAR/editorial-board.php>
- 7- Journal of Plant Biotechnology and Microbiology <http://www.alliedacademies.org/journal-plant-biotechnology-microbiology/editors.php>
- 8- Novel Research in Microbiology Journal, NRMJ <http://nrmj.journals.ekb.eg/>
- 9- Archives of Agriculture Sciences Journal <http://aasj.journals.ekb.eg/>
- 10- Egyptian Journal of Phytopathology <https://ejp.journals.ekb.eg>
- 11- Journal of King Abdulaziz University: Meteorology, Environment and Arid land Agriculture Sciences
- 12- International Journal of Phytopathology <https://esciencepress.net/journals/index.php/phytopath/index>

Supervision of the Scientific Thesis

- 1- Mohamed Abdelmoneam Housean, "Integrated control of Stemphylium leaf blight of onion caused by *Stemphylium vesicarium*" , M. Sc, 5 June 2006
- 2- Mohamed El-Sadik Saleam " MSc . Thesis "Studies on tomato bacterial wilt disease caused by *Ralstonia solanacearum*" May 2013
- 3- Walead ZeanEldeen Mohamed " MSc Thesis "Studies on Rhizoctonia root-rot disease of soybean" June 2013
- 4- Ismaiel Ramadna Abdel-Rahim Mahmoud "Ph.D Thesis" Studies on purple blotch disease of onion plant (*Allium cepa* L.) in Assiut Governorate, Egypt" June 2013
- 5- Moahmed Husany AbdElalial " MSc Thesis" "Studies on common scab diseases of potato" November 2014
- 6- Mohamed Abdelmoneam Housean (Ph.D thesies)" Studies on Botrytis Blasting Diseases of onion Seed Head" May 2015
- 7- Mohamed Khaliefa "Ph.D Thesis" Biological control of black cumin (*Nagilla sativa*) Root rot disease" July 2018.
- 8- Mohamed El-Sadik Saleam " Ph.D Thesis" Studies on potato bacterial ring rot disease caused by *Clavibacter michiganensis* subsp. *sepedonicus* February 2019
- 9- Walead ZeanEldeen Mohamed " Ph.D Thesis" "Studies on Charcoal Rot Disease of Soybean Caused by *Macrophomina phaseolina*" July 2019

- 10- Noha Thabet Ibrahim Faculty of Agriculture New Valley Univ." Msc. Thesis" "Biological control of Fusarium wilt disease on tomato plant" May 2019
- 11- Zeanb Sayed, Dept. of Genetic, Faculty of Agriculture Assiut Univ." Msc Thesis " Physiological and Molecular Genetic studies on *Pectobacterium carotovorum*" March 2020.
- 12- Mohamed F Break, Faculty of Agriculture Sohag Univ." Ph.D Thesis" Studies on brown rot disease of potato caused by *Ralstonia solanacearum* In July 2020
- 13- Mona Moahmoud Faculty of Agriculture Aswan Univ." Msc Thesis" Physiological and molecular genetic Studies on *Streptomyces* spp. the causal pathogen of potato common scab disease in August 2020.
- 14- Waled Ahmed Abdelghany Mansoura Univ. "Msc Thesis" Assessment studies of Nanoparticles effect on *Pectobacterium carotovorum* subsp. the causal pathogen of potato soft rot disease" in March 2021
- 15- Mohamed Imuran King Abdulaziz University Jeddah, KSA Ph.D Thesis "Evaluation and Molecular Mechanism of Biological Agents Against *Alternaria solani* Causal Pathogen of Early Blight Disease of Tomato" May 2022
- 16- Suleiman Kehinde Bello King Abdulaziz University Jeddah, KSA Ph.D Thesis "Effect of Bio-Organic Amendments on Yield and Nitrate Accumulation of Squash Crop (*Cucurbita pepo* L.) Cultivated under Arid Land Condition" November 2022
- 17- Mohamed Hesham STRI Assiut Uiv ." Msc Thesis" on going
- 18- Fatimah Awwadh Al-Otaibi King Abdulaziz University Jeddah, KSA Ph.D Thesis " Alleviation of Salinity Stress by Using *Trichoderma* spp. and Silver Nanoparticles in Bean Plants (*Phaseolus vulgaris*)" on going

Area of Interest:

1. Biological Control of Bacterial Plant disease.
2. Biological control of soil borne diseases. (Phytopathogenic bacteria and plant fungal disease).
3. Induced resistance in Plant against bacterial and fungal diseases by different material.

Reviewer and Examiner of MSc and Ph.D Thesis

<u>MSc Thesis</u>	<u>Ph.D Thesis</u>
1.Amany Shames Eldeen MSc Thesis at Alex. Univ. 2010	1. Abdelrahman Isa Ph.D thesis at Zagazeg Univ. 2017
2.Mohamed Gaber MSc Thesis at Ain Shamis Univ. 2011	2. Amany Shames Eldeen Ph.D Thesis at Alex. Univ 2017
3.Waled Zen Eldeen MSc Thesis at Assiut Univ. 2013	3. Yaser I Hamed Ph.D Thesis Suaz Canal Univ. 2016
4.Mohamed Seleem MSc Thesis at Assiut Univ 2013	4. Nagia Morsy Ph.D Thesis at Alex Univ. 2015
5.Radew Gamal MSc Thesis at Assiut Univ 2015	5. Esmael Ramadan Ph.D Thesis at Assiut Univ. 2013
6.Mostafa Ibrhaem Hassan, MSc Thesis at Alex. Univ. 2016	6. Mohamed Khalefa Elsman Ph.D Thesis at Assiut Univ. 2018
7.Faten Hassan Youssef Msc Thesis at Menia Univ. 2018	7. Mohamed Gaber Ph.D Thesis at Ain Shamis Univ. 2018
8.Aymen Kamal Mostafa Ahmed MSc Thesis at Alex. Univ. 2018	8. Mohamed Seleem Ph.D Thesis at Assiut Univ 2019
9.Mona Moahmoud Asswan Univ August 2020	9. Ahmed Amer Ph.D Thesis at Sohag Univ 2019
10. Abdullah Talal Alghanmi King Abdulaziz Univ. November 2020	10. Seham AlRaish United Arab Emirates Univ. 29 July 2021
11. Fatimah Ali Al-Ghamdi King Abdulaziz Univ faculty of Sciences 3 April 2022	11. Arya Widyawan College of Food and Agriculture Sciences, King Saud University November 2022
12. Mueed Ali Yusuf Sulaiman King Abdulaziz Univ. November 2022	12. Shaijal Babu Thru Ppoyil United Arab Emirates Univ. Sptember 2022
13.	13.

Reviewer responsibilities in scientific journals

1. Crop Protection	1. Biological Control	2. International Journal of Food Microbiology
3. Scientia Horticulturae	4. Archive of Phytopathology and Plant Protection	5. Journal of Phytopathology
6.Plant Pathology Journal	7. Basic Microbiology	8.The Plant Pathology Journal
9.Physiological and Molecular Plant Pathology	10. Eroupean Journal of Plant Pathology	11. Canadian Journal of Plant Science
12. Asian Journal of Plant Pathology	13. Agricultural Science	14. African Journal of Microbiology Research
15. Research Journal of Biological Sciences	16. Journal of Applied soil Ecology	17. Plant Pathology Journal
18. Assian Joournal of Nematology	19. World of Agricultural Sciences Journal	20. Asian Journal of Agricultural Sciences
21. Austrialin Joyrnal of Plant Pathology	22. Egyptian Journal of Biological Pest Control	23. Folia Horticulture
24. Journal of Plant Protection Research	25. Australasian Plant Pathology	26.Indian Journal of Phytopathology
27. European Journal of plant Pathology	28. International Journal of Molecular Sciences	29. Horticultural Plant Journal
30. Inter Food Research Journal	31. Cur Appl Science & Technol.	32.

Teaching Courses

1. Plant Pathogenic Bacteria	2. Diseases of Field Crops
3. Diseases of Pomology	4. Diseases of vegetable crops
5. Diseases caused by Phytobacteriology	6. Integrated control for plant diseases
7. Diseases of ornamental plants	8. Diseases of Sugar Crops
9. Disease of Tropical of Pomology	10. Resistance of Plant diseases
11. Control of plant diseases	12. Advanced in Control of Plant Diseases
13. Diseases of storing and marketing	14. Biological control of plant diseases

Selected Conferences:-

- 1- The 9th International Conference on sugar and integrated industries 18-21 November 2018 Luxor-Egypt.
- 2- The 9th International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 15 to 16 April 2018
- 3- The 7th Scientific Conference Agriculture Sciences October 30-31, 2016 Egypt. Assiut
- 4- The Second International Conference on Basic and Applied Mycology (ICBAB-2) 14-15 March 2015 Assiut-Egypt
- 5- The 7th International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 23 to 25 March 2014
- 6- New Role for the World Sugar Economy in a Changed Political and Economic Environment. 10-13 November 2012 Aswan-Egypt.
- 7- The 6th Scientific Conference Agriculture Sciences October 13-14, 2012 Egypt. Assiut
- 8- The Sixth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 13 May 2012, Assiut, Egypt
- 9- The 5th Scientific Conference Agriculture Sciences October **13-14, 2010** Egypt. Assiut
- 10- The Sixth International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 24 to 26 March 2012
- 11- Twelfth Conference of Plant Pathology May 3-4, 2011 Giza, Egypt.
- 12- The Fifth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 8 May 2011, Assiut, Egypt

- 13- The fourth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 27 April 2010, Assiut, Egypt
- 14- The first international conference of on Basic and Applied Mycology, Faculty of Science, Assiut Univ. Assiut, Egypt. 9-11 March 2010.
- 15- The Third, scientific conference of young scientists on faculty of Agriculture Assiut Univ. 28 April 2009, Assiut, Egypt
- 16- The first international conference of biological sciences, Faculty of Science, Assiut Univ. Assiut, Egypt. 4-5 March 2009
- 17- The 9th international congress of plant pathology, Torino, Italy 24-29 August 2008.
- 18- The Second scientific conference of young scientists on faculty of Agriculture Assiut Univ. 6 May 2008, Assiut, Egypt.
- 19- Psychomotor Skill development, 18-21 November 2007, Ein Sokhna, Egypt.
- 20- Teaching Horticulture course 1-5 December 2007, Ein Sokhna, Egypt
- 21- Eleventh Conference of Plant Pathology November 27-28, 2007 Giza, Egypt.
- 22- Water & Waste conference June 3-6, 2007 Assiut Univ., Assiut Egypt.
- 23- Advanced training course on recent techniques for identification of bacteria. Cairo MIRCEN Faculty of Agriculture, Ain Shams University, Cairo, Egypt, March 12 - 16, 2006
- 24- The Third international conference of plant protection Research institute, Cairo. Egypt. 26-29 November 2005.
- 25- 1st International symposium on Biological control of Bacterial Diseases. Darmstadt, Germany, 23-26 October 2005.
- 26- The 4th Scientific Conference Agriculture Sciences December 7-9, 2004 Egypt. Assiut.
- 27- Arbeitskreis Biologische Bekämpfung von Pflanzenkrankheiten schloss Salza, 25-26,2-2003.
- 28- 24. Tagung des Arbeitskreises Phytobakteriologie am Morgen sind Besichtigungen in der Bundesanstalt für Züchtungsforschung möglich. 29-8-2003
- 29- 23. Tagung des Arbeitskreises Phytobakteriologie (Phytobakteriologie) am Max-Planck-Institut für Zellbiologie, Rosenhof, Schriesheimer Str. 101, 68526 Ladenburg. 5-9-2002.

Selected Workshops:

1. 18th Workshop in Assiut Univ. Mycology center (AUMC), Assiut, Egypt on "Yeast Fungi: Biodiversity and their Role in Biotechnology and in Human, Animal and Plant Diseases [16-18 March 2015](#)

2. Workshop, in FH Bielefeld University of Applied Sciences, [Germany on "Application techniques of Endophytes"](#) 14-15 July 2014.
3. Workgroup, in AGROINNOVA on November 21st and 23rd 2010 and by Mediterranean Agronomic Institute of [Chania \(MAICh\) on November 25th and 26th 2010](#) on "Existing pedagogical and didactic systems at European Universities based on the Bologna Process"
4. Training Course in Electron Microscopy (Techniques & Interpretations.) [in the period from 26-31/3/2005 At Assiut Univ., Egypt.](#)
5. Workgroup, [March 12th 2005 in Cairo University](#), Sustainable Management of Vegetable Diseases: From Diagnosis through Culture, Biological and Reduced-Risk Chemical Treatment.
6. A Workshop on Agricultural Development in the Arab Nations, [Obstacles and Solution Assiut University, 20-22 January 2004](#)
7. How to compete for Research fund [from 12-23/9/2013](#)
8. Legal and Financial Aspects in University Environments [from 3-5/9/2015](#)
9. Research Ethics [from 20-22/10/2012](#)
10. Credit Hour System [from 13-15/10/2012](#)
11. Research Team management [from 27-29/11/2011](#)
12. E-Learning [from 25-26/12/2011](#)
13. Research and Code of Ethics [from 18-20/4/2005](#)
14. Use of Modern aspect in Teaching [from 15-18/10/2015](#)
15. Effective Presentation [from 7-10/11/2005](#)
16. Legal Aspect in University Environment [from 18-20/12/2005](#)
17. Use of Technology in Teaching [from 24-27/12/2005](#)
18. International Publishing of Research [from 1-3/10/2006](#)

Research Publications:

1. Suleiman K. Bello, Samir G. AL-Solaimani and **Abo-Elyousr, K.A.M. 2023.** The effect of bio-organic amendments on the fruit weight and quality of summer squash under arid land conditions. *Gesunde Pflanzen* 75:
2. Muhammad Imran, **Abo-Elyousr KAM**, Mohammad S. AL-Harbi and Esmat F. Ali, Sallam, Nashwa, M. A. and Hadeel MM. Khalil Bagy **2023.** Antibacterial efficacy of clove essential oil against *Xanthomonas phaseoli* pv. *phaseoli* and its influence pathogen responses in bean. *Gesunde Pflanzen* 74: <https://doi.org/10.1007/s10343-022-00721-3>
3. Muhammad Imran, **Abo-Elyousr KAM**, El-Sharnouby Mohamed, Esmat F. Ali Nashwa M A. Sallam, Hadeel M. Khalil Bagy and Ismail R. Abdel-Rahim. **2023.** Biocontrol Potential of *Trichoderma harzianum* and Zinc Nanoparticles to Mitigate Gray Mold Disease of Tomato. *Gesunde Pflanzen* 74: <https://doi.org/10.1007/s10343-022-00686-3>
4. **Abo-Elyousr, K.A.M.;** Seleim, M.A.-S.A.A.-H.; Almasaudi, N.M.; Bagy, H.M.M.K. Evaluation of Native Bacterial Isolates for Control of Cucumber Powdery Mildew under Greenhouse Conditions. *Horticulturae* **2022**, 8, 1143. <https://doi.org/10.3390/horticulturae8121143>
5. **Abo-Elyousr, K.A.M.;** Al-Qurashi, A.D.; Saad, M.; Ibrahim, O.H.M.; Mousa, M.A.A. Efficacy of *Azadirachta indica* and *Punica granatum* Extracts in the Control of *Cuminum cyminum* Wilt Disease Caused by *Fusarium oxysporum* f.sp. *cumini*. *Sustainability* **2022**, 14, 15233. <https://doi.org/10.3390/su142215233>
6. **Abo-Elyousr, K.A.M.;** Ibrahim, O.H.M.; Al-Qurashi, A.D.; Mousa, M.A.A.; Saad, M.M. Biocontrol Potential of Endophytic Fungi for the Eco-Friendly Management of Root Rot of *Cuminum cyminum* Caused by *Fusarium solani*. *Agronomy* **2022**, 12, 2612. <https://doi.org/10.3390/agronomy12112612>
7. Mousa, M.A.A.; **Abo-Elyousr, K.A.M.;** Ibrahim, O.H.M.; Alshareef, N.O.; Eissa, M.A. Shrimp-Waste-Derived Biochar Induces Metal Toxicity Tolerance of Wastewater-Irrigated Quinoa (*Chenopodium quinoa*). *Agriculture* **2022**, 12, 1748. <https://doi.org/10.3390/agriculture12111748>
8. Abo-Elyousr, K.A.M.; Saad, M.M.; Al-Qurashi, A.D.; Ibrahim, O.H.M.; Mousa, M.A.A. Management of Cumin Wilt Caused by *Fusarium oxysporum* Using Native Endophytic Bacteria. *Agronomy* **2022**, 12, 2510. <https://doi.org/10.3390/agronomy12102510>
9. Ibrahim, O.H.M.; Al-Qurashi, A.D.; Asiry, K.A.; Mousa, M.A.A.; Alhakamy, N.A.; Abo-Elyousr, K.A.M. Investigation of Potential In Vitro Anticancer and Antimicrobial Activities of *Balanites aegyptiaca* (L.) Delile Fruit Extract and Its Phytochemical Components. *Plants* **2022**, 11, 2621. <https://doi.org/10.3390/plants11192621>
10. El-Fawy, M.M., El-Sharkawy, R.M.I., Abo-Elyousr, K.A.M. *et al.* Bioefficacy of pumpkin (*Cucurbita pepo* L.), sage (*Salvia officinalis* L.), and sesame (*Sesamum indicum* L.) essential oils as defense inducers of faba bean against rust disease. *J Plant Dis Prot* (2022). <https://doi.org/10.1007/s41348-022-00662-z>
11. Waleed A. Abdelghany Attiya H. Mohamedin, **Abo-Elyousr KAM**, Mohamed A. M. Hussein. 2022. Control of Bacterial Soft Rot Disease of Potato Caused by *Pectobacterium carotovorum* subsp. *carotovorum* Using Different Synthetic Nanoparticles. *Archive of Phytopathology and Plant protection* <https://doi.org/10.1080/03235408.2022.2111247>
12. Ibrahim, O.H.M.; **Abo-Elyousr KAM**, Khaled A. Assery, Nabil A. Alhakamy, Magdi A.A. Mousa Phytochemical characterization, antimicrobial activity and in vitro antiproliferative potential of *Alchemilla*

vulgaris Auct root extract against prostate (PC-3), breast (MCF-7) and colorectal adenocarcinoma (Caco-2) cancer cell lines. *Plants* 2022, 11, 2140. <https://doi.org/10.3390/plants11162140>

13. Ibrahim, O.H.M.; Mousa, M.A.A.; Asiry, K.A.; Alhakamy, N.A.; **Abo-Elyousr, K.A.M.** 2022. *Azadirachta indica* A. Juss Fruit Mesocarp and Epicarp Extracts Induce Antimicrobial and Antiproliferative Effects against Prostate (PC-3), Breast (MCF-7), and Colorectal Adenocarcinoma (Caco-2) Cancer Cell Lines through Upregulation of Proapoptotic Genes. *Plants* 2022, 11,1990. <https://doi.org/10.3390/plants11151990>

14. **Abo-Elyousr KAM**, Amira I. Mourad, P. Stephen Baenziger, Abdelaal H. A. Shehata, Peter E. Eckstein, Aaron D. Beattie, Ahmed Sallam 2022. Identification of putative SNP markers associated with Egyptian loose smut resistance in spring barley. *Genes* 13(6), 1075; <https://doi.org/10.3390/genes13061075>

15. Suleiman K. Bello, Samir G. AL-Solaimani and **Abo-Elyousr KAM** 2022. Squash Yield, Water-Use Efficiency and Nitrate Accumulations Influenced by the Application of Humic Acid, *Geobacillus stearothermophilus* SSK-2018 and Wheat Straw in an Arid Land Condition. *Horticulturae* 2022, 8, 588. <https://doi.org/10.3390/horticulturae8070588>

16. Najeeb M Almasoudi, Khalid A. Asiry and **Abo-Elyousr KAM** 2022. Isolation, identification and efficacy of three bacterial isolates against *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae). *Egyptian Journal of Biological Pest Control* 32: 52 <https://doi.org/10.1186/s41938-022-00551-5>

17. **Abo-Elyousr KAM**, Magdi A. A. Mousa, Ibrahim, O.H.M.; and Nouf Owdah Alshareef, Mamdouh A. Eiss 2022. Calcium-Rich Biochar Stimulates Salt Resistance in Pearl Millet (*Pennisetum glaucum* L) Plants by Improving Soil Quality and Enhancing the Antioxidant Defense. *Plants* 11: 10 <https://doi.org/10.3390/plants11101301>

18. Mohamed F.F. Bereika, Moustafa H.A. Moharam, **Abo-Elyousr KAM**, Mahmoud R. Asran 2022. Investigation of virulence diversity in *Ralstonia solanacearum* isolates by a random amplified polymorphic DNA collected from Egyptian potato fields. *Archive of Phytopathology and Plant protection* 55: 1201 - 1218. <https://doi.org/10.1080/03235408.2022.2081770>

19. Muhammad Imran, **Abo-Elyousr KAM**, Magdi Mousa, Maged M. Saad. 2022. Screening and biocontrol evaluation of indigenous native *Trichoderma* spp. against early blight disease and their field assessment to alleviate natural infection *Egyptian Journal of Biological Pest Control* 32:40 <https://doi.org/10.1186/s41938-022-00544-4>

20. **Abo-Elyousr KAM**, Najeeb M. Almasoudi, Muhammed Imran, Nashwa M A. Sallam, Khamis Youssef, Ismail R. Abdel-Rahim and Hadeel M. K. Bagy 2022. Induction of Phenolic Compounds in bean plants after Salicylic acid and Benzoic acid treated and infected with *Xanthomonas axonopodis* pv *phaseoli* the causal pathogen of Common Blight of Beans. *Journal of Plant Pathology* 104: <https://doi.org/10.1007/s42161-022-01102-5>

21. **Abo-Elyousr KAM**, Hoda A.M. Ahmed, Mohamed A. E. Hassan, Bahaa E.S Abd El-Fata 2022. Influence of foliar application of some salts, phyto-extracts and essential oils for controlling powdery

mildew disease of *Helianthus annuus*. Journal Plant Pathology 104: <https://doi.org/10.1007/s42161-022-01092-4>

22. **Abo-Elyousr KAM**, Esmat F. Ali and Nashwa M.A. Sallam 2022. Alternative control of tomato wilt using the aqueous extract of *Calotropis procera* Horticulture 8:(3) 197; <https://doi.org/10.3390/horticulturae8030197>

23. **Abo-Elyousr KAM** and Najeeb Marei Almasaudi 2022. Application of *Trichoderma harzianum* strain KABOFT4 for management of tomato bacterial wilt under greenhouse conditions. Gesunde Pflanzen 74, 413–421: <https://doi.org/10.1007/s10343-021-00618-7>

24. Mohamed I. Elsayed, Adel D. Al-Qurashi, Najeeb Marei Almasaudi and, **Abo-Elyousr KAM** 2022. Efficacy of some essential oils against gray mold of table grapes and their effect on fruit quality. South African Journal of Botany 146 (2022) 481_490 <https://doi.org/10.1016/j.sajb.2021.11.046>

25. Najeeb Marei Almasaudi, Adel D. Al-Qurashi, Mohamed I. Elsayed and **Abo-Elyousr KAM**. 2022. Essential Oils of Oregano and Cinnamon as an Alternative Method to Control of Blue Mold Disease of Table Grapes Caused by *Botrytis cinerea*. Journal of Plant Pathology <https://doi.org/10.1007/s42161-021-01008-8>

26. Muhammad Imran, **Abo-Elyousr KAM.**, Magdi Mousa, Maged M Saad 2022. A study on the synergetic effect of *Bacillus amyloliquefaciens* and dipotassium phosphate on *Alternaria solani* causing early blight disease of tomato. European Journal of Plant Pathology 162(1), pp. 63–77 <https://doi.org/10.1007/s10658-021-02384-8>

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1- Badr Abdulhai Shaikh, Khalid Ali Asiry, **Kamal A.M. Abo-Elyousr** 2021. Control of bacterial soft rot of potato by using certain essential oils, Text Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-3-46490-0, 56, <https://www.lap-publishing.com>

2- Ibrahiem M Ali, Khalid Ali Asiry, **Kamal A.M. Abo-Elyousr** 2021 Biological control of *Rhizoctonia solani* the causal pathogen of alfalfa root rot by different bioagents Text Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-3-58048-8, 56, <https://www.lap-publishing.com>

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8- Hosny Mohamed,**Kamal A.M. Abo-Elyousr**,Asran, M.R and Saead F.A.(**2018**)Common scab disease of potato and its control. Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-613-4-97673-2 <https://www.lap-publishing.com>

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3-Paper presentation:

1- **Abo-Elyousr,K.A.;**Zeller, W.; Laux, P.; Sallam, M.A. & Hassan, M. H. (**2002**).Studies on induced resistance against bacterial diseases- Fire blight (*Erwinia amylovora*) and common blight of bean (*Xanthomonas campestris* pv. *phaseoli*). 53. Deutsche Pflanzenschutztagung, Bonn 16-19 September 2001, Mitt. Biol. Bundesanst. Land. Forstwirtschaft. 390: 193: 2002.

2- **Abo-Elyousr,K.A.;**and Zeller, W. (**2003**). Studies on induced resistance against Fire blight (*Erwinia amylovora*) with different bioagents. Die 24. Tagung des Arbeitskreises fand am 11. und 12. September 2003 in der Bundesanstalt für Züchtungsforschung in Dresden-Pillnitz statt, Phytomedizin., 112

3- Zeller, W., **Abo-Elyousr,K.A.** and Yegen, O.(**2004**). Studies on induced resistance against Fire blight (*Erwinia amylovora*) with different bioagents. International workshop 10th on fire blight. Bologna, Italy, 5-9 July 2004. PP 46.

4- Zeller, W. and **Abo-Elyousr, K.A.**(2004). Studies on induced resistance against Fire blight (*Erwinia amylovora*) with different bioagents. IOBC Bulletin V. 27: (8) 407-414.

4-Poster Presentation

1- **Abo-Elyousr, K.A.**, Zeller, W.; Laux, P.; Sallam, M.A. & Hassan, M. H.(2003). Studies on biological control of Fire blight (*Erwinia amylovora*) with different bioagents, 4 symposium Phytomedizin und Pflanzenschutz in Gartenbau, Vienna 22-25 September 2003.

2- Zeller, W., **Abo-Elyousr, K.A.** and Yegen, O.(2004). Investigation induced resistance against Fire blight (*Erwinia amylovora*) with different bioagents. Development of Biocontrol agents of diseases for commercial application in food production systems. Sevilla Spain 24-27 March 2004.

3- Sallam M., **Abo-Elyousr, K.A.** and Hassan M. (2006). Induction of Systemic Acquired Resistance against Fire Blight disease of Apple caused by *Erwinia amylovora*. 9th Arab Congress of Plant Protection, Damascus, Syria 19-23/11/2006.

4- **Abo-Elyousr, K.A.**(2008). Biological control of bacterial spot of tomato caused by *Xanthomonas axonopodis* pv. *vesicatoria* The 9th international congress of plant pathology, Torino, Italy 24-29 August 2008.

5- **Abo-Elyousr, K.A.**, Asran, M. and w. Zeller(2008). Antibacterial activity of certain plant extracts against bacterial wilt of tomato. 2nd International Symposium on Biological Control of Bacterial Plant Diseases November 4-7, 2008, Orlando, FL, USA

6- W. Zeller, **Abo-Elyousr, K.A.** and O. Yegen 2008. Recent studies on the biocontrol of Fireblight (*Erwinia amylovora*) with BioZell-2000 B, an etheric oil of *Thymbra spicata*. 2nd International Symposium on Biological Control of Bacterial Plant Diseases November 4-7, 2008, Orlando, FL, USA

Projects:-

Grants and funds

1	From 2009 to 2013	Coordinator of TEMPUS project at Assiut Univ., "Establishing a New Master Degree in Sustainable Crop Protection", in Plant Pathology Dept. Faculty of Agriculture, Assiut Univ. Egypt.
2	1/7/1996 to 30/10/1997	Member in project "Production of potato seeds around the year through biotechnology techniques"
3	1/10/1994 to 30/3/1996	Member in project "Evaluation of Cumin and Fennel Accessions Collected from Upper Egypt to Fungal diseases, Fruit Yield and Essential oil Content"
4	1/10/1994 to 30/6/1995	Member in project "Improvement of Sesam production in Egypt"
5	1/3/2007 to 1/3/2009	Member in project "Production of tomato and banana seedlings, free from diseases" in Dept. plant pathology, Faculty of Agriculture, Assiut University from
6	2019	A team member- Environmental studies surveys and assessment: Assessment of Tree Stress Study at Yanbu Industrial City. Contract no. PIS C-4031. Royal Commission of Jubail and Yanbu
7	2020	Co -PI- Green synthesis of nanoparticles and their antimicrobial activity against the causal pathogen of green mold of citrus fruits Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 166-155-1442"
8	2020	PI- Using microbial endophytes, plant-derived bioactive products and in vitro selection for disease resistance as eco-friendly alternative approaches to control phytopathogenic fungi in medical plants; fusarium wilt disease in cumin as a model Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPRC: 156-155-2020"
9	2020	PI- Integrated control of citrus mold disease by using propolis and yeasts strain and its effect on properties of citrus fruits Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 24-155-1441"
10	2020	PI- Biological control of tomato bacterial wilt disease by certain bioagents under greenhouse conditions Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 120-155-1442"
11	2020	Co -PI- Control of Gray mould disease of table grapes using certain essential oils during cold storage Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 120-155-1442"
12	2020	Co-PI-The use of biochar in increasing productivity of some plants grown on sandy soils under salinity stress conditions Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPHI: 348-155-2020"
13	2020	Co -PI- Role of biochar in biotic stress resistance of wastewaters-irrigated plants Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPHI: 352-155-2020"
14	2020	Co -PI- Combination of bacterial antagonistic and essential oil for enhanced control of Fusarium wilt disease of tomato Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPHI: 353-155-2020"
15	2020	PI- Biological control of bean rust disease: Bacterial bioagents as future and eco-friendly approaches Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPHI: 347-155-2020"
16	2021	Co-PI- Sustainable analytical tool in tandem with machine learning for real-time monitoring of some selected processed foods Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPRC: 188-155-2020"
17	2021	Co -PI- Phytochemical characterization, antimicrobial activity and in-vitro cytotoxicity on cancer cell lines of various extracts from steroidal saponin-containing plants with ethno-pharmacological importance in Saudi Arabia Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPRC: 178-155-2020"
18	2021	Co -PI- Efficacy of some bacteria strain against <i>Rhynchophorus ferrugineus</i> (Olivier) (Coleoptera: Curculionidae) Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G:803-155-1441"
19	2021	PI- The use of extracts of <i>Calotropis procera</i> (aak) plants (as common plants in Saudi Arabia) to overcome infections with plant pathogenic microorganisms to produce vital and safe food Funded by Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia and King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "IFPIP: 24-155-1442"
20	2022	PI- Evaluation native bacterial isolates to control of cucumber powdery mildew under greenhouse conditions Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 075-155-1443"

21	2022	PI- Effect of certain chemical inducers Bion, ascorbic acid and salicylic acid on controlling of Fusarium wilt of cumin <i>Cuminum cyminum</i> L.) and improve cumin growth Institutional Fund Project under grant no “IFPIP: 15-155-1443”. The authors gratefully acknowledge technical and financial support provided by the Ministry of Education and King Abdulaziz University, DSR, Jeddah, Saudi Arabia.
22	2022	PI- Biological Control of root rot of paper under greenhouse and field conditions Institutional Fund Project under grant no “IFPIP: 76-155-1443”. The authors gratefully acknowledge technical and financial support provided by the Ministry of Education and King Abdulaziz University, DSR, Jeddah, Saudi Arabia.
23	2022	PI- Distribution of bacterial spot disease in tomato and pepper fields in Saudi Arabia and characterization of the causal agents Institutional Fund Project under grant no “IFPIP: 256-155-1443”. The authors gratefully acknowledge technical and financial support provided by the Ministry of Education and King Abdulaziz University, DSR, Jeddah, Saudi Arabia.