# Curriculum Vitae


## Prof Dr.Kamal A.M. Abo-Elyousr

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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 – 26/99/2004:** 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

1. Vice-Dean for Education and Student Affairs at Faculty of Sugar Technology Research Assiut University 9-2017 to 1/2019
2. Director of Quality Assurance Unit, at Sugar Technology Research Institute Assiut University, since September 9/ 2016 to 1/2019
3. Supervisor of Department of Science and Technology of Sugar Industry (Agriculture) Sugar Technology Research Institute, since September 2016 to 9/2017
4. 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 Bundesananstalt 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

7- Outstanding editors 2022

8- Editor distinction awards 2025

## Memberships:

1- Agriculture Studies Committee, Egypt

2- Member of the Council of Microbiology, ASRT, Egypt.

3- Egyptian Psychopathological Society.

4- Arab Society for Plant Protection.

5- Indian Society of Plant Pathologists

6- Australasian Plant Pathology Society

## Editorial board in scientific journals

### مجلات ضمن قائمة Scopus و Web of Science

1. Archive of Phytopathology & Plant protection (Editor Board) https://www.tandfonline.com/toc/gapp20/current
2. Journal of Plant Diseases and Protection (Assioate Editor) https://www.springer.com/journal/41348
3. Australasian Plant Pathology (Assioate Editor) https://www.springer.com/journal/13313
4. European Journal of Plant Pathology (Assioate Editor) https://www.springer.com/journal/10658
5. Journal of Crop Health (Gesunde Pflanzen) https://link.springer.com/article/10.1007/s10343-023-00963-9
6. International Journal of Phytopathology https://esciencepress.net/journals/index.php/phytopath/about/editorialTeam
7. Plant Protection https://esciencepress.net/journals/index.php/PP/about/editorialTeam
8. Pakistan Journal of Phytopathology https://www.pjp.pakps.com/index.php/PJP/about/editorialTeam
9. Novel Research in Microbiology Journal, NRMJ http://nrmj.journals.ekb.eg/

### مجلات ليست ضمن قائمة Scopus

1. Journal of Phytopathology and Diseases Management (Editor in Chef) http://www.ppmj.net
2. Research J. Plant Pathology (Executive Editor) https://www.imedpub.com/research-journal-of-plant-pathology/
3. Open Access Journal of Agricultural Research (OAJAR) http://medwinpublishers.com/OAJAR/editorial-board.php
4. Archives of Agriculture Sciences Journal http://aasj.journals.ekb.eg/
5. Egyptian Journal of Phtyopathology https://ejp.journals.ekb.eg
6. Jounal of King Abdulaziz University: Meteorology, Environment and Arid land Agriculture Sciences

## Research Publications:

1. Rahman Md M, N. M Almasoudi; K.A. Asiry; **Abo-Elyousr KAM** (2025) Rhizobacteria-Mediated Biocontrol of Tomato Gray Mold: Mechanisms of Induced Systemic Resistance and Enzymatic Activity. European Journal of Plant Pathology https://doi.org/10.1007/s10658-025-03100-6

2. Mansour M. El-Fawy, Muhammad Imran, Esmat F. Ali, Abeer S. Alqurashi Ahmed A. Issa Rabee A. Emam; Mohamed F. Abd El-Mageed; Najeeb M Almasoudi; Nashwa M. A. Sallam; **Abo-Elyousr KAM**, (**2025**) Managing Anthracnose Fruit Rot Disease in Pepper Caused by *Colletotrichum capsici* via Potash Alum and Frankincense Essential Oil. Journal of Plant Pathology https://doi.org/10.1007/s42161-025-01924-z

3. Najeeb M Almasoudi, Nashwa M. A. Sallam, Esmat F. Ali, Abeer S. Alqurashi, Ahmed A. Issa, Fayez Althobaiti, Mohamed Housny, Hanan AlOmari, **Abo-Elyousr KAM**, (**2025**) Development of *Bacillus* spp for controlling Wilt Disease and improve the Growth-Promoting of Tomato European Journal of Plant Pathology https://doi.org/10.1007/s10658-025-03008-1

4. Saba, M. Samir Gamil AL-Solaimani, **Abo-Elyousr KAM** (2025). Organic production of cabbage (*Brassica oleracea* L.) for agricultural sustainability and healthy nutrition: An overview. Journal of Applied and Natural Science, 17(1), https://doi.org/10.31018/jans.v17i1.6335

5. Rahman Md M, N. M Almasoudi; K.A. Asiry; **Abo-Elyousr KAM** (2025) Evaluation of Bacterial Bioagents for Controlling Gray Mold Disease in Tomatoes and Promoting Crop Health. Egyptian Journal Biological Pest Control https://doi.org/10.1186/s41938-025-00843-6 .

6. Magdi A.A. Mousa, Adel D. Al-Qurashi, Omer H.M. Ibrahim, **Abo-Elyousr KAM**, Ahmed M.K. Abdel Aal Abdel-Fattah M. El-Salhy Tarek K.H. El-Bolok and Mohamed A.H. Ali Esmat F. Ali EMAN, A.A. Abou-Zaid (**2025**) Impact of Irrigation Regimes on Growth and Postharvest Quality of Pomegranates (*Punica Granatum* L.) Under Conditions of Newly Reclaimed Land. Hortscience, https://doi.org/10.21273/HORTSCI18280-24

7. Mohamed I. Elsayed, Najeeb M. Almasoudi, Mohamed A. Awad, Adel D. Al-Qurashi, **Abo-Elyousr KAM** (2025). Quality Maintenance of Washington Navel Oranges and Control of Fungal Decay Using $CaCl_2$, Chitosan, and *Rhodotorula mucilaginosa* Treatments. Journal of Plant Pathology https://doi.org/10.1007/s42161-024-01820-y

8. Muhammad Imran, Hanan A. Khalifa, Zhongke Sun, Muhammad Saqib Bilal, Mohamed Hassan Abd El-Wahed, **Abo-Elyousr KAM**, Esmat F. Ali, Chengwei Li (**2025**) Insights into the dynamics of biochemical profile and relative gene expression of cucumber fruits associated with Fusarium spoilage. Journal of Plant Diseases and Protection https://doi.org/10.1007/s42161-024-01786-x

9. **Abo-Elyousr KAM**, Najeeb M. Almasoudi, Mansour M. El-Fawy, Ayman S. Saeed, Sameh H. E. Hamada, Esmat F. Ali, Ahmed A. Issa, Fayez Althobaiti, Ehab E. E. Korrat (**2025**). First report of rust disease caused by *Puccinia Porri* on Egyptian leek in Egypt and its control by Bergamot essential oil. Journal of Plant Pathology, 132 https://doi.org/10.1007/s42161-024-01786-x

10. Mohamed A. Awad, Khalid A. Asiry, Mohamed I. Elsayed, **Abo-Elyousr KAM**, Noura S. Alqarni, Adel D. Al-Qurashi and Magdi A.A. Mousa (2024) Effect of Black Soldier Fly Larvae Frass as Organic Fertilizer (BSFFF) on Postharvest Quality and Shelf Life of Open Filed Grown Tomato (*Solanum Lycopersicon* L.). Hortscience 59(11):1603–1608. 2024. https://doi.org/10.21273/HORTSCI18086-24

11. Eman. A.A. Abou-Zaid, Azza S. Hussein, Raoof Sultan, **Abo-Elyousr KAM**, Nashwa M. A. Sallam, Hadeel M.M. Khalil Bagy (2024) Improvement of post-harvest quality of lime fruit with *Aloe vera* gel and

tea tree oil against green mold disease caused by *Penicillium digitatum.* Journal of Plant Pathology 106(4), pp. 1715–1729 https://doi.org/10.1007/s42161-024-01705-0

12. Mansour M. El-Fawy, Ayman S. Saeed, Mohamed K. Abou-Shlell, Mahmoud A. Soliman, Esmat F. Ali, Ahmed A. Issa, **Abo-Elyousr KAM**, Muhammad Imran and Asmaa S. El-Nagar (2024) Effectiveness of biochar and wood vinegar from guava trees in controlling *Fusarium verticillioides* and enhancing growth and anatomical traits of maize (*Zea mays* L.). Journal of Plant Diseases and Protection 131(1), pp. 65–75 https://doi.org/10.1007/s41348-024-00971-5.

13. Muhammad Imran, Zhongke Sun, **Abo-Elyousr KAM**, Haider Ali, Munirah F. Aldayel and Cheng-Wei Li, (2024). One stone two birds: Endophytes alleviating trace elements accumulation and suppressing soilborne pathogen by stimulating plant growth, photosynthetic potential and defense related gene expression, Journal of Hazardous Materials 476, 135084, https://doi.org/10.1016/j.jhazmat.2024.135084

14. Yasmine Abdallah, E.F Ali, **Abo-Elyousr KAM** and Hadeel M. Khalil Bagy (2024) Biosynthesized Silver Nanoparticles as novel antibacterial agent for controlling *Pectobacterium carotovorum* in potato. European Journal of Plant Pathology 170(2), pp. 337–347. https://doi.org/10.1007/s10658-024-02902-4

15. Almasoudi N.M; Adel D. Al-Qurashi and **Abo-Elyousr KAM** (2024) Assessment of Cumin, Pomegranate, and Black Pepper Plant Extracts for Controlling Potato Tuber Soft Rot Disease Caused by *Pectobacterium carotovorum* subsp. *carotovorum* Journal of Plant Pathology 106(4), pp. 1591–1602 https://doi.org/10.1007/s42161-024-01673-5

16. Almasoudi N.M; Al-Qurashi AD.; Elsayed M.I. and **Abo-Elyousr KAM** (2024). Native Bacterial bioagents for Management of Potato Soft Rot Disease caused by *Pectobacterium carotovorum* subsp. *carotovorum* Egyptian Journal of Biological Pest Control 34 (31) https://doi.org/10.1186/s41938-024-00794-4

17. Sherif A. Ahmed; Sameer Nagadi; **Abo-Elyousr KAM** and Mansour M. El-Fawy (2024) Mitigating Helminthosporium Leaf Spot Disease in Sesame: Evaluating the Efficacy of Castor Essential Oil and Sodium Bicarbonate on Disease Management and Crop Yield Enhancement. Plant Pathology Journal 106 (2) 683 – 694 https://doi.org/10.1007/s42161-024-01612-4

18. Fatima A. Al Otaibi; Sameera A. Alghamdi; **Abo-Elyousr KAM** (2024). The Influence of Salinity on Plant Growth and Amendment Strategies Sohag J. Sci. 2024, 9(3), 261-267 https://doi.org/10.21608/SJSCI.2024.258471.1168

19. **Abo-Elyousr KAM;** Imran M; Sallam NMA.; Abdel-Aal AMK; Assiri ME.; Abdel-Rahim IR. (**2024**). Sustainable Biocontrolling of Purple Blotch Disease in *Allium cepa* L by Biocontrol Yeasts, *Pichia kluyveri* and *Filobasidium wieringae*. Egyptian Journal of Biological Pest Control 34:11 https://doi.org/10.1186/s41938-024-00776-6

20. Mansour M. El-Fawy, Sherif A. Ahmed, Reda A. A. Korrat, **Abo-Elyousr, KAM** Magdi A.A Mousa, Omer H.M. Ibrahim, Ayman S. Saeed (**2024**) Effectiveness of *Epicoccum nigrum* and Silver Nanoparticles in Controlling Chocolate Spot Disease and Enhancing Growth and Yield of Faba Bean (*Vicia faba* L.). Journal of Crop Health 76(2): 411 – 424 https://doi.org/10.1007/s10343-023-00963-9

21. Seleim M. A. A., Mohamed F.F. Bereika, Omer H.M. Ibrahim, Ahmed I. Alqubaie and **Abo-Elyousr KAM** (**2024**) Effectiveness of *Bacillus cereus* in Controlling Potato Bacterial Wilt Caused by *Ralstonia solanacearum*: Greenhouse and Field Studies with Insights into Resistance-Related Enzymes in Potatoes. Plant Diseases and Protection 131 (1):65-75, https://doi.org/10.1007/s41348-023-00810-z

22. Abd El-Wahed M H, Almasoudi N.M; **Abo-Elyousr KAM** and Hadeel M. Khalil Bagy **(2024)** Effect of *Rhodotorula mucilaginosa* in mitigating the effects of Fusarium wilt on plant growth of tomatoes under water stress. Plant Pathology Journal 106 (1) 139-151 https://doi.org10.1007/s42161-023-01528-5

23. **Abo-Elyousr KAM,** Nashwa M.A. Sallam , Magdy A. A. Mousa, Muhammad Imran and Ismail R. Abdel-Rahim **(2024).** Synergistic effect of *Bacillus subtilis* and Benzothiadiazole (Bion®) on the suppression of *Fusarium oxysporum* and the enhancement of disease resistance in *Capsicum annuum*. Plant Pathology Journal 106 (1) 127-138. https://doi.org/10.1007/s42161-023-01527-6

24. Mohamed A.M. Hussein, Ahmed M. K Abdel-Aal, Muhyaddin J Rawa , Yasser M. M. Moustafa, Magdi A A Mousa and **Kamal A M. Abo-Elyousr** (**2023**) Enhancing Chilli Pepper (*Capsicum annuum* L.) Resistance and Yield Against Powdery Mildew (*Leveillula taurica*) with Beneficial Bacteria. Egyptian Journal Biological Pest Control 33: 33: 114 https://doi.org/10.1186/s41938-023-00758-0

25. Sallam NMA, AbdElfatah H-AS, Khalil Bagy HMM, Elfarash A, **Abo-Elyousr KAM**, Sikora EJ and Sallam A (2023) Exploring the mechanisms of endophytic bacteria for suppressing early blight disease in tomato (*Solanum lycopersicum* L.). Front. Microbiol. 14:1184343. https://doi.org/doi: 10.3389/fmicb.2023.1184343

26. Suleiman K. Bello, Samir G. AL-Solaimani and **Abo-Elyousr KAM (2023)** Effect of humic acid, cellulose decomposing bacterium and wheat straw on *Cucurbita pepo* L. growth and soil properties. Cogent Food and Agriculture https://doi.org/10.1080/23311932.2023.2246182

27. Mansour M. El-Fawy, **Abo-Elyousr KAM**, Sherif A. Ahmed, Reda A. A. Korrat and Ayman S. Saeed **(2023).** Efficacy of n-alkyl dimethyl benzyl ammonium chloride and *Bacillus subtilis* for Control of Cercospora Leaf Spot Disease of Sugar Beet: In vitro and In vivo Studies. Gesunde Pflanzen 75**,** 2247–2256 https://doi.org/10.1007/s10343-023-00921-5

28. Qianyi Wu, Magdi A. A. Mousa,, Adel D. Al-qurashi, Omer H. M. Ibrahim, **Abo-Elyousr KAM,** Kent Rausch, Ahmed M. K. Abdel Aal, and Mohammed Kamruzzaman (**2023**) Global calibration for non-targeted fraud detection in quinoa flour using portable hyperspectral imaging and chemometrics. Food Science & Technology Sci. 6C 100483 https://doi.org/10.1016/j.crfs.2023.100483

29. Eva M. Achata, Magdi A.A. Mousa, Adel D. Al-Qurashi, Omer H.M. Ibrahim, **Kamal A.M. Abo-Elyousr**, Ahmed M.K. Abdel Aal, Mohammed Kamruzzaman (**2023**) Multivariate optimization of hyperspectral imaging for adulteration detection of ground beef: Towards the development of generic algorithms to predict adulterated ground beef and for digital sorting, Food Control 153C:109907 https://doi.org/10.1016/j.foodcont.2023.109907

30. Mousa, M.A.A.; **Abo-Elyousr, K.A.M**.; Ibrahim, O.H.M. **(2023)**. Evaluation of Genetic Variability within a Collection of Cumin Genotypes Using RAPD, ISSR, SRAP and SCoT Markers and Variability of In Vitro Callus Induced Therefrom. *Horticulturae* , *9*, 742. https://doi.org/10.3390/horticulturae9070742

31. El-Fawy, M.M.; **Abo-Elyousr, K.A.M**.; Sallam, N.M.A.; El-Sharkawy, R.M.I.; Ibrahim, Y.E. **(2023).** Fungicidal Effect of Guava Wood Vinegar against *Colletotrichum coccodes* Causing Black Dot Disease of Potatoes. *Horticulturae* , 9, 710. https://doi.org/10.3390/horticulturae9060710

32. Abdullah Z. Alshehri, Najeeb M. Almasoudi; Ahmed A. Zaitoun and **Abo-Elyousr, K.A.M. (2023).** Acaricidal efficacy of four plant materials for controlling varroa mite in hives of honeybee. Fresenius Environmental Bulletin 32:07: 2729-2734

33. Hindi, S.S.; Sabir, J.S.M.; Dawoud, U.M.; Ismail, I.M.; Asiry, K.A.; Mirdad, Z.M.; **Abo-Elyousr, K.A.;** Shiboob, M.H.; Gabal, M.A.; Albureikan, M.O.I.; Rakan A. Alanazi and Omer H. M. Ibrahim **(2023).** Nanocellulose-Based Passivated-Carbon Quantum Dots (P-CQDs) for Antimicrobial Applications: A Practical Review. *Polymers* , *15*, 2660. https://doi.org/10.3390/polym15122660

34. Muhammad Imran, **Abo-Elyousr KAM**, Magdi A Mousa, Maged M Saad **(2023)**. Use of *Trichoderma* culture filtrates (CFs) as a sustainable approach to mitigate early blight disease of tomato and their influence on plant biomarkers and antioxidants production. Front. Plant Sci. DOI: 10.3389/fpls.2023.1192818

35. Omer H.M. Ibrahim, **Abo-Elyousr KAM (2023)**. Potential antimicrobial activity of various botanical extracts against the causal pathogen of the blue mold of citrus fruits. Plant Pathology Journal 105 (2), 527-538 https://doi.org/10.1007/s42161-023-01339-8

36. Khamis Youssef, Sergio R. Roberto, Antonio Ippolito and **Abo-Elyousr KAM (2023).** Editorial: Advances in Detection and Control of Postharvest Pathogens. Front. Microbiol. Sec. Food Microbiology 14:1184039 https://doi: 10.3389/fmicb.2023.1184039

37. Mohamed Hassan Abd El-Wahed, Mohamed F F Breaka, Najeeb Maria Almasoudi, **Abo-Elyousr KAM (2023)**. Integrated of *Pseudomonas fluorescens* and *Rosemarinus officinalis* for controlling of potato bacterial wilt. Egyptian Journal Biological Pest Control 33: 31 https://doi.org/10.1186/s41938-023-00677-0

38. Hesham, M.A; **Abo-Elyousr, KAM;** Osman, M.A.M. and Elfarash, A.E. **(2023).** Genetic diversity of *Sporisorium scitamineum* associated with Sugarcane smut disease in Luxor Governorate, Egypt using SCoTmarker technique. Egyptian Journal of Sugar, 20: 8 -14 https://doi.org/10.21608/ESUGJ.2023.181546.1031

39. Hadeel, MM. Kalil Bagy, **Abo-Elyousr KAM**, Abd El-Latif Hesham, Sallam, MA. Nashwa. **(2023)**. Development of antagonistic yeasts for controlling black mold disease of Onion. Egyptian Journal Biological Pest Control 33: 17: https://doi.org/10.1186/s41938-023-00664-5

40. **Abo-Elyousr KAM,** Magdi A. A. Mousa and Omer H. Ibrahim **(2023)**. Inducing cumin resistance against *Fusarium oxysporum* f. sp. *cumini* using Bion, ascorbic acid and salicylic acid Gesunde Pflanzen 75, 1507–1515 https://doi.org/10.1007/s10343-023-00852-1

41. Bahaa E.S. Abd El-Fatah, Muhammad Imran**, Abo-Elyousr KAM**, Amer F. Mahmoud (**2023)**. Isolation of *Pseudomonas syringae* strains causing bacterial speck disease of tomato and marker based monitoring for their virulence. Mol Biol Rep. 50, 4917–4930 https://doi.org/10.1007/s11033-023-08302-x

42. Mohamed Hassan Abd El-Wahed, Mmamdouh A. EISSA, Najeeb Maria Almasoudi, **Abo-Elyousr KAM (2023)**. Macronutrient-rich biochar induces boron nanoparticles in improving the salt tolerance of pomegranate (*Punica granatum* L.) in arid degraded soils. Scientia Horticulturae, 313C: 111908 https://doi.org/10.1016/j.scienta.2023.111908

43. 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: https://doi.org/10.1007/s10343-022-00802-3

44. El-Fawy, M.M., El-Sharkawy, R.M.I., **Abo-Elyousr, K.A.M.** Moshref M. Sh. Ahmed . **(2023).** 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* 130 (3), 587-598 https://doi.org/10.1007/s41348-022-00662-z

45. 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 75**,** 431–440 https://doi.org/10.1007/s10343-022-00721-3

46. 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 75: 75**,** 151–163 https://doi.org/10.1007/s10343-022-00686-3

47. **Abo-Elyousr, K.A.M.;** Seleim, M.A.; Almasaudi, N.M.; Bagy, H.M.M.K. **(2022).** Evaluation of Native Bacterial Isolates for Control of Cucumber Powdery Mildew under Greenhouse Conditions. *Horticulturae* , *8*, 1143. https://doi.org/10.3390/horticulturae8121143

48. **Abo-Elyousr, K.A.M.;** Al-Qurashi, A.D.; Saad, M.; Ibrahim, O.H.M.; Mousa, M.A.A. (**2022)** Efficacy of *Azadirachta indica* and *Punica granatum* Extracts in the Control of *Cuminum cyminum* Wilt Disease Caused by *Fusarium oxysporum* f.sp. *cumini*. *Sustainability* , *14*, 15233. https://doi.org/10.3390/su142215233

49. **Abo-Elyousr, K.A.M.;** Ibrahim, O.H.M.; Al-Qurashi, A.D.; Mousa, M.A.A.; Saad, M.M. Biocontrol **(2022**). Potential of Endophytic Fungi for the Eco-Friendly Management of Root Rot of *Cuminum cyminum* Caused by *Fusarium solani*. *Agronomy* , *12*, 2612. https://doi.org/10.3390/agronomy12112612

50. Mousa, M.A.A.; **Abo-Elyousr, K.A.M**.; Ibrahim, O.H.M.; Alshareef, N.O.; Eissa, M.A. **(2022)** Shrimp-Waste-Derived Biochar Induces Metal Toxicity Tolerance of Wastewater-Irrigated Quinoa (*Chenopodium quinoa*). Agriculture , 12, 1748. https://doi.org/10.3390/agriculture12111748

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## Book

Khamis **Abo- Abo-Elyousr KAM** , Sergio R. Roberto, Antonio Ippolito and Abo-Elyousr KAM (2023). Editorial: Advances in Detection and Control of Postharvest Pathogens. ISSN 1664-8714 ISBN 978-2-8325-2472-5 https://doi.org/10.3389/978-2-8325-2472-5

## Chapters

1-Ibrahim, D.S.S., Shaimaa N. Riad, **Abo-Elyousr KAM** r, Sallam M. A. Nashwa, Hadeel M. M. Khalil Bagy, Sahar Abdelrazek & Aya A. Abdellatif (2024). Unraveling the Mysteries of Mycorrhiza-Plant Interactions: Mechanisms of Protection and Ecological Factors Influencing Symbioses. In: Ansari, R.A., Rizvi, R., Mahmood, I. (eds) Mycorrhizal Symbiosis and Agroecosystem Restoration. Springer, Singapore. https://doi.org/10.1007/978-981-99-5030-0_9

2- **Abo-Elyousr KAM**., Bello, S.K., Khalil Bagy, H.M., Sallam, Nashwa, M. A (2025). Ecological Importance of Bacteria in Bioremediation of Contaminated Sites. In: Abdel Latef, A.A.H., Zayed, E.M., Omar, A.A. (eds) Sustainable Remediation for Pollution and Climate Resilience. Springer, Singapore. https://doi.org/10.1007/978-981-96-5674-5_14

3- Zayed, E.M., Imran, M., Saba, M., **Abo-Elyousr KAM** (2025). Rhizosphere and Remediation Soil, Water, and Air Pollution. In: Abdel Latef, A.A.H., Zayed, E.M., Omar, A.A. (eds) Sustainable Remediation for Pollution and Climate Resilience. Springer, Singapore. https://doi.org/10.1007/978-981-96-5674-5_17

## Other Book

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** 2021Biological control of *Rhizoctonia solani* the causal pathogen of alfalfa root rot by different bioagentsText Book: LAP

LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-3-58048-8, 56, https://www.lap-publishing.com

3. Bereika, M.F.F., **Kamal A.M. Abo-Elyousr** M.R. Asran, and M.H.A. Moharam 2020. Control potato wilt disease by certain plant extracts at Upper Egypt. Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-2-92049-0 https://www.lap-publishing.com

4. Bereika, M.F.F., M.R. Asran, **Kamal A.M. Abo-Elyousr** and M.H.A. Moharam 2020.Control of potato wilt disease by the endophytic bacteria. Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-2-80149-2 https://www.lap-publishing.com

5. Waleed Zein El-Abdean; **Kamal A.M. Abo-Elyousr**; Mohamed H.A. Hassan and Mohamed M. El-Sheakh, Rhizoctonia root-rot disease of soybean and its control, Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-2-0 https://www.lap-publishing.com

6. Zynab Sayed Morsy, Fathy M. Saleh. **KamalA.AboElyousr**. Ameer E. Elfarash , Physiological and Molecular Genetic Studies on *Pectobacterium carotovorum*, Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-620-2-68627-3 https://www.lap-publishing.com

7. **Kamal A.M. Abo-Elyousr**, Tharwat M. El- Amen, Ebrahim Noha T.S., and Khalaphallah R.S.E., **2019**. Controlling the Fusarium wilt of tomato by using bioagents under Greenhouse and Field Conditions Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-613-9-95578-7 https://www.lap-publishing.com

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

9. Al-Sman K. Mohamed**,Abo-El-yousrA.M.Kamal,**Eraky Amal, El-Zawahry Aida **(2018)**. Biological control of black cumin (N*igella sativa*) root rot disease caused by certain *Fusarium* spp Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-613-9-90699-4 https://www.lap-publishing.com

10. Ismail R. Abdel-Rahim, Sobhy I. I. Abdel-Hafez, **Kamal A.M. Abo-Elyousr** (**2016**). Purple blotch disease of onion plant (*Allium cepa* L.) in Assiut, Egypt. Text Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-3-659-87007-1. https://www.lap-publishing.com

11. Abo-Elyousr K. A. M, (2015). Studies on bacterial soft rot disease of potato tubers, Text Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 978-3-659-67466-2, 73, https://www.lap-publishing.com

12. **Abo-Elyousr,K.A.M.,** Sallam, M.A. Hassan, M.H. (**2014**). Studies on induced resistance against bacterial fire blight of apple caused by *Erwinia amylovora*, , Text Book: LAP LAMBERT Academic Publishing GmbH & Co. KG, Saarbrücken, Germany, ISBN 798-3-659-63210-5, 110, https://www.lap-publishing.com

## 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. Forstwirtsch. 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 Pflanenschutz 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 tomatocaused by *Xanthomonas axonopodis* pv. *vesicatoria*The 9th international congress of plant pathology, Torino, Italy 24-29 Agust 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

## 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 AbdElaial " MSc Thesis" "Studies on common scabes 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* Februry 2019

9- Walead ZeanEldeen Mohamed " Ph.D Thesis" "Studies on Charcoal Rot Disease of Soybean Caused by *Macrophomina phaseolina*" July 2019

10- Noha Thabet Ibrahem 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 Imran 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" May 2024

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 December 2024

19- Md Mosaddekur Rahman MSc Thesis " control of grey mold disease of tomato by some native strains of bacterial bioagents" Arile 2025

20-Ahmed Mohammed Alsaiari Ms.c Thesis "Postharvest application of prohexadione-ca and calcium chloride for improving storability and controlling mold disease of strawberry fruits"

21-Zulfiqar Ali Ph.D Thesis " Maintenance of postharvest quality and control of green mold in orange fruits (*Citrus sinensis* L.) by green-synthesized silver nanoparticles"

22-Mohammed Saba Ph.D Thesis "Improving Cabbage (Brassica oleracea L.) Yield through Microbial Enhancement of Wheat Straw in Soil Amended with Cow-Dung Manure"

## Area of Interest:

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

# Reviewer and Examiner of MSc and Ph.D Thesis

| MSc Thesis | Ph.D Thesis |
|---|---|
| 1.Amany Shames Eldeen MSc Thesis at Alex. Univ. 2010 | 1. Abdelrahaman 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. Ashwag AbdulAziz Al-Nehmi King Abdulaziz Univ. Faculty of Sciences January 2023 | 13. Fatimah Awadh Al-Otaibi King Abdulaziz University Jeddah, KSA |
| 14. Fahad Alatyibi King Abdulaziz Univ. March 2023 | 14. |

## 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 Patholog | 10. Eropean 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 Contr | 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 Science | 29. Horticultural Plant Journal |
| 30. Inter Food Research Journal | 31. Cur Appl Science & Technol. | 32. Sustainability |
| 33. Agronomy | 34. Agriculture | 35.Horticulture |
| 36. Life | 37. Water | 38. Microorganisms |

## 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-Twelfths 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, Assuit 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, Assuit Univ. Assiut, Egypt. 4-5 March 2009

17- The 9th international congress of plant pathology, Torino, Italy 24-29 Agust 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.

25-1stInternrnational 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 Bekämfung von Pflanzenkrankheiten schloss Salzau, 25-26,2-2003.

28-24. Tagung des Arbeitskreises Phytobakeriologie am Morgen siend Besichtigungen in der Bundesanstalt für Züchtungsforschung moglich. 29-8-2003

29-23. Tagung des Arbeitskreises Phytobakeriologie (Phytobakterioliogie) 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 18-20/4/205
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

# 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 Seasam production in Egyp" |
| 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.<br>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<br>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<br>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<br>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<br>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<br>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<br>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 stresse resistance of wastewaters-irrigated plants<br>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<br>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<br>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<br>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<br>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 *Rhynchophorus ferrugineus* (Olivier) (Coleoptera: Curculionidae)<br>Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G:803-155-1441" |
| 19 | 2021 | PI- The use of extracts of *Calotropis procera* (aak) plants (as common plants in Saudi Arabia) to overcome infections with plant pathogenic microorganisms to produce vital and safe food<br>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<br>Funded by King Abdulaziz University, DSR, Jeddah, Saudi Arabia, the project number "G: 075-155-1443" |

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| 21 | 2022 | PI- Effect of certain chemical inducers Bion, ascorbic acid and salycylic acid on controlling of Fusarium wilt of cumin *Cuminum cyminum* L.) and improve cumin growth<br>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<br>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<br>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. |