

## Curriculum Vitae



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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 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 from Egyptian President
- 6- The third one in the international publication in the Agriculture Science at Assiut Univ. in 2019
- 7- Outstanding editors 2022 from Taylor and Frances
- 8- Editor distinction awards 2025 from Springer publisher
- 9- Frist one in the Research Excellence Award in Environmental Studies, from King Saud University 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

### Web of Science و Scopus مجلات ضمن قائمة

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/>

### Scopus ليست ضمن قائمة

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://aasi.journals.ekb.eg/>

5. Egyptian Journal of Phytopathology <https://ejp.journals.ekb.eg>
6. Journal of King Abdulaziz University: Meteorology, Environment and Arid land Agriculture Sciences

## **Research Publications:**

1. **Abo-Elyousr KAM**, Mansour M. El-Fawy, Esmat F. Ali, Abeer S. Alqurashi, Alaa Baazeem; Mohamed M. Hassan; Roqayah H. Kadi and Nashwa M A. Sallam (2026) Biocontrol and growth promoting potential of *Bacillus subtilis* against root-rot disease in sugar beet. Australasian Plant Pathology 55, 94 (2026). <https://doi.org/10.1007/s13313-026-01170-6>
2. **Abo-Elyousr KAM**, Mansour M. El-Fawy, Esmat F. Ali, Abeer S. Alqurashi, Alaa Baazeem; Mohamed M. Hassan; Roqayah H. Kadi and Nashwa M A. Sallam (2026) Effect of *Bacillus endophyticus* on *Fusarium solani* the causal agent of tomatoes root rot disease. Brazilian Journal of Microbiology 57, 210 . <https://doi.org/10.1007/s42770-026-02028-1>
3. **Abo-Elyousr KAM**, Mansour M. El-Fawy, Asmaa S. El-Nagar, Mohamed K. Abou-Shlell, Najeeb M Almasoudi, Adel D. Al-Qurashi and Nashwa M. A. Sallam (2026) Biochar-Based Sustainable Control of Stalk and Ear Rot in Maize Caused by *Fusarium camptoceras*. Plant Diseases and Protection <https://doi.org/10.1007/s41348-026-01297-0>
4. Mohamed I. Elsayed, Najeeb M. Almasoudi, Mohamed A. Awad, Adel D. Al-Qurashi, **Abo-Elyousr KAM** (2026) *Streptomyces corchorusii*, Sodium Silicate, and Potassium Silicate as Eco-Friendly Alternatives to Control Fungal Rot of Navel Oranges During Cold Storage and Shelf Life BMC Plant Biology <https://doi.org/10.1186/s12870-026-09108-2>
5. Adel D. Al-Qurashi; Alsaieri, Ahmed, Zulfikar Ali; Najeeb M. Almasoudi, Mohamed I. Elsaye and **Abo-Elyousr KAM** (2026) Postharvest Application of Prohexadione-Ca and Calcium Chloride Improves Fruit Quality and Reduces Mold Development in Strawberries. Folia Horticulture 38:1 <https://doi.org/10.2478/fhort-2026-0005>
6. **Abo-Elyousr KAM**, E. F. Ali, A. S. Alqurashi, A. M. K. Abdel-Aal, and N. M. A. Sallam, (2026) "Using *Trichoderma* spp. to Biological Control of *Rhizoctonia solani* Root Rot in Faba Beans," Journal of Basic Microbiology e70175. <https://doi.org/10.1002/jobm.70175>
7. Awad, M.A., Al-Qurashi, A.D. & **Abo-Elyousr KAM**. (2026) Eco-friendly suppression of date palm (*Phoenix dactylifera* L.) Fusarium wilt using *Streptomyces* biocontrol agents from the rhizosphere. J Plant Pathol . <https://doi.org/10.1007/s42161-026-02222-y>
8. Mohammed Saba, Samir Gamil AL-Solaimani, Ahmed Bageel and **Abo-Elyousr KAM**, (2026) Integrated Use of Microbially-Enhanced Wheat Straw and Cowdung Manure to Improve Soil Fertility and Cabbage Quality in Arid Sandy Soils. International Journal of Vegetable Science WIJV <https://doi.org/10.1080/19315260.2026.2641484>.
9. **Abo-Elyousr KAM**, Najeeb Almasoudi M, Adel D. Al-Qurash , Hadeel M. Khalil Bagy, Abdelaal H.A Shehata and Nashwa M A. Sallam (2026) Biological Control Application of Endophytic *Streptomyces* spp. Against Potato Common Scab. Potato Research <https://doi.org/10.1007/s11540-026-10032-z>
10. **Abo-Elyousr KAM**, Mansour M. El-Fawy, Moshref M. Sh. Ahmed, Rabee A. Emam Ahmed A. K. Alsherbiny, Bassem N. Samra , Abeer S. Alqurashi , Esmat F. Ali Hatim M. Al-Yasi and Nashwa M A. Sallam (2026) Eco-Friendly Alternatives for Sugar Beet Leaf Rust Control: Thiourea and Moringa Essential Oil Australasian Plant Pathology <https://doi.org/10.1007/s13313-026-01099-w>
11. **Abo-Elyousr KAM**, Mansour M. El-Fawy, Hosny H.A. Hofny and Moshref M. Sh. Ahmed, Bassem N. Samra, Abeer S. Alqurashi, Hatim M. Al-Yasi, Esmat F. Ali, Nashwa M Sallam (2026) Effectiveness of a

Biological Agent *Trichoderma reesei* and Its Culture Filtrate on Anthracnose Fruit Rot Disease and Improving the Quality and Shelf Life of Tomatoes. Journal of Plant Diseases and Protection <https://doi.org/10.1007/s41348-026-01247-w>

12. Muhammad Imran, Nashwa M.A Sallam, Ibtisam A. M. Alghabban, Munirah F. Aldayel, **Abo-Elyousr KAM (2026)** Redox-primed biocontrol application reshapes Fusarium wilt resistance and metal homeostasis in tomato under arid conditions BMC Plant Biology <https://doi.org/10.1186/s12870-026-08349-5>

13. Munirah F Aldayel, Muhammad Imran, Nashwa M.A Sallam, **Abo-Elyousr KAM (2026)**. Impact of organic bio-stimulant on bacterial blight of beans: Mechanism of Pathogenesis-related proteins and defense system. Journal of Plant Diseases and Protection, 133, 39 <https://doi.org/10.1007/s41348-026-01237-y>

14. **Abo-Elyousr KAM**, Najeeb M Almasoudi, Md Mosaddekur Rahman, Mansour M. El-Fawy, Hadeel M. K Bagy and Nashwa M. A. Sallam (2026). Biological Control of Charcoal Rot Disease of Soybean, *Macrophomina phaseolina*, Using *Streptomyces* spp. Isolates. Eur J Plant Pathol <https://doi.org/10.1007/s10658-026-03184-8>

15. Saba, M., Al-Solaimani, S. G., Abd El-Wahed, M. H., Abohassan, R. A., & **Abo-Elyousr KAM (2026)**. Agronomic Responses of Cabbage (*Brassica oleracea* L.) to Cow Dung and *Bacillus amyloliquefaciens*-decomposed Wheat Straw in Arid Saudi Soils. HortScience, 61(2), 232–239. <https://doi.org/10.21273/HORTSCI19114-25>

16. **Abo-Elyousr KAM**, Najeeb M Almasoudi; Magdi A. A Mousa; Omer H. M. Ibrahim, Mansour M. El-Fawy, Muhammad Imran, Nashwa M. A. Sallam (2026) Synergistic effects of *Trichoderma* spp and sodium silicate against Fusarium wilt of tomato: in vitro and greenhouse evaluation Journal of Plant Pathology <https://doi.org/10.1007/s42161-025-02101-y>

17. Muhammad, N., Al-Solaimani, S. G., Abd El-Wahed, M. H., & **Abo-Elyousr KAM (2026)**. Impact of Polyacrylamide, Mulching, and Deficit Drip Irrigation on Squash Water Use Efficiency, Plant Productivity, and Soil Properties. HortScience, 61(1), 139–150. <https://doi.org/10.21273/HORTSCI19103-25>

18. Al-Qurashi Adel D., Zulfiqar Ali, Najeeb M. Almasoudi, Mohamed I. Elsayed, and **Abo-Elyousr KAM (2026)** Green Synthesis of Silver Nanoparticles: Applications for Postharvest Quality Improvement and Control of Green Mold Disease. Hortscience 61(1):39–47. 2026. <https://doi.org/10.21273/HORTSCI19065-25>

19. Imran, M., Aldayel, M.F., Alomran, M.M. Reham A. Abd El Rahman, **Abo-Elyousr KAM**, Muhammad Saqib Bilal & Zhongke Sun (2026) Synergistic potential of clove oil and *Bacillus* culture filtrates (CFs) in suppressing the natural infection of Fusarium wilt pathogen in tomato. Plant Soil. <https://doi.org/10.1007/s11104-025-08089-9>

20. Imran M., Alomran MM., Khalifa Hanan A., Bilal M Saqib, Ahmed Atef F., Ali E. F., Alqurashi Abeer S., Aldayel Munirah F, **Abo-Elyousr KAM (2026)**. Exploring smart solutions for stressed soils: dual-action culture filtrates and nanoparticles for sustainable onion cultivation Eur J Plant Pathol 45(1):174; 6-6 <https://doi.org/10.1007/s10658-025-03113-1>

21. Mohamed A. M Osman; Mohamed A. Hesham, Ameer Elfarashand **Abo-Elyousr KAM (2025)** Evaluation of fungicides for the control of sugarcane smut disease caused by *Sporisorium scitamineum* Archives of Phytopathology and Plant Protection <https://doi.org/10.1080/03235408.2025.2570310>

22. Al-Solaimani, S. G., Al-Khamis, M. A., Zabraqy, A. M., **Abo-Elyousr, K. A. M.**, Muhammad, N., & Sakti, M. B. G.(2025). Evaluating the efficacy of bacterial-assisted phytoremediation using maize (*Zea mays* L.) to uptake heavy metals from fly ash. Sains Tanah Journal of Soil Science and Agroclimatology, 22(2), 317-327. <https://doi.org/10.20961/stjssa.v22i2.103856>

23. Imran M., Alomran MM., Khalifa Hanan A., Bilal M Saqib, Ahmed Atef F., Ali E. F., Alqurashi Abeer S., Aldayel Munirah F, **Abo-Elyousr KAM** (2025). Exploring smart solutions for stressed soils: dual-action culture filtrates and nanoparticles for sustainable onion cultivation Eur J Plant Pathol <https://doi.org/10.1007/s10658-025-03113-1>
24. 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>
25. 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>
26. 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>
27. 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>
28. 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> .
29. 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>
30. 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<sub>2</sub>, Chitosan, and *Rhodotorula mucilaginosa* Treatments. Journal of Plant Pathology <https://doi.org/10.1007/s42161-024-01820-y>
31. 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>
32. **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>
33. 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>

34. 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>
35. 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>.
36. 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>
37. 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>
38. 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>
39. 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>
40. 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>
41. 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>
42. **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>
43. 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 *Epicoicum 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>
44. 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>

45. 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.org/10.1007/s42161-023-01528-5>
46. **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>
47. 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>
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### **Other Book**

7. 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>

8. 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>

9. 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>

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12. Zynab Sayed Morsy, Fathy M. Saleh. **Kamal A. Abo Elyousr**. 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>

13. **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>

14. Hosny Mohamed, **Kamal A.M. Abo-Elyousr**, Asran, M.R and Saeed 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>

15. Al-Sman K. Mohamed, **Abo-El-yousr A.M. Kamal**, Eraky Amal, El-Zawahry Aida **(2018)**. Biological control of black cumin (*Nigella 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>

16. 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>
17. 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>
18. **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 978-3-659-63210-5, 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 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*. 9<sup>th</sup> 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 9<sup>th</sup> 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. 2<sup>nd</sup> 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*. 2<sup>nd</sup> 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 AbdElaiial " 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 cummin (*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 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 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 Univ . " 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” April 2025
- 20-Ahmed Mohammed Alsaiani Ms.c Thesis “Postharvest application of prohexadione-ca and calcium chloride for improving storability and controlling mold disease of strawberry fruits” May 2025
- 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

| <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. Ashwag AbdulAziz Al-Nehmi King Abdulaziz Univ. Faculty of Sciences January 2023 | 13. Fatimah Awadh Al-Otaibi King Abdulaziz University Jeddah, KSA                              |
| 14. Fahad Alatyiabi King Abdulaziz Univ. March 2023                                 | 14.                                                                                            |
| 15. Md Mosaddekur Rahman King Abdulaziz Univ. April 2025                            | 15.                                                                                            |
| 16. Ahmed Mohammed Alsaari King Abdulaziz Univ. May 2025                            | 16.                                                                                            |

### 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. European 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 Joynral 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- 9th International Conference of the Pakistan Phytopathological Society, scheduled to be held from November 16–18, 2025 at PMAS Arid Agriculture University Rawalpindi Pakistan.
- 2- The 9<sup>th</sup> International Conference on sugar and integrated industries 18-21 November 2018 Luxor-Egypt.
- 3- The 9<sup>th</sup> International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 15 to 16 April 2018
- 4- The 7<sup>th</sup> Scientific Conference Agriculture Sciences October 30-31, 2016 Egypt. Assiut
- 5- The Second International Conference on Basic and Applied Mycology (ICBAB-2) 14-15 March 2015 Assiut-Egypt
- 6- The 7<sup>th</sup> International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 23 to 25 March 2014
- 7- New Role for the World Sugar Economy in a Changed Political and Economic Environment. 10-13 November 2012 Aswan-Egypt.
- 8- The 6<sup>th</sup> Scientific Conference Agriculture Sciences October 13-14, 2012 Egypt. Assiut
- 9- The Sixth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 13 May 2012, Assiut, Egypt
- 10-The 5<sup>th</sup> Scientific Conference Agriculture Sciences October **13-14, 2010** Egypt. Assiut
- 11-The Sixth International Conference of Environment and Development in the Arab world. Assiut Univ. Egypt. from 24 to 26 March 2012
- 12-Twelfths Conference of Plant Pathology May 3-4, 2011 Giza, Egypt.
- 13-The Fifth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 8 May 2011, Assiut, Egypt
- 14-The fourth scientific conference of young scientists on faculty of Agriculture Assiut Univ. 27 April 2010, Assiut, Egypt
- 15- The first international conference of on Basic and Applied Mycology, Faculty of Science, Assuit Univ. Assiut, Egypt. 9-11 March 2010.
- 16- The Third, scientific conference of young scientists on faculty of Agriculture Assiut Univ. 28 April 2009, Assiut, Egypt
- 17- The first international conference of biological sciences, Faculty of Science, Assuit Univ. Assiut, Egypt. 4-5 March 2009
- 18- The 9<sup>th</sup> international congress of plant pathology, Torino, Italy 24-29 August 2008.
- 19- The Second scientific conference of young scientists on faculty of Agriculture Assiut Univ. 6 May 2008, Assiut, Egypt.
- 20-Psychomotor Skill development, 18-21 November 2007, Ein Sokhna, Egypt.
- 21- Teaching Horticulture course 1-5 December 2007, Ein Sokhna, Egypt
- 22- Eleventh Conference of Plant Pathology November 27-28, 2007 Giza, Egypt.

- 23-Water & Waste conference June 3-6, 2007 Assiut Univ., Assiut Egypt.
- 24-Advanced training course on recent techniques for identification of bacteria. Cairo MIRCEN Faculty of Agriculture, Ain Shams University, Cairo, Egypt, March 12 - 16, 2006
- 25- The Third international conference of plant protection Research institute, Cairo. Egypt. 26-29 November 2005.
- 26-1<sup>st</sup>International symposium on Biological control of Bacterial Diseases. Darmstadt, Germany, 23-26 October 2005.
- 27-The 4<sup>th</sup> Scientific Conference Agriculture Sciences December 7-9, 2004 Egypt. Assiut.
- 28-Arbeitskreis Biologische Bekämpfung von Pflanzenkrankheiten schloss Salza, 25-26,2-2003.
- 29-24. Tagung des Arbeitskreises Phytobakteriologie am Morgen siend Besichtigungen in der Bundesanstalt für Züchtungsforschung möglich. 29-8-2003
- 30-23. Tagung des Arbeitskreises Phytobakteriologie (Phytobakteriologie) am Max-Planck- Institut für Zellbiologie, Rosenhof, Schriesheimer Str. 101, 68526 Ladenburg. 5-9-2002.

### **Selected Workshops:**

1. 18<sup>th</sup> 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 26<sup>th</sup> 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 12<sup>th</sup> 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](#)