

C.V

Dalia Gamil Aseel Ahmed



PERSONAL DATA

Full Name: Dalia Gamil Aseel Ahmed
Date of Birth: 21 / 07/ 1983
Nationality: Egyptian
Gender: Female
Marital Status: Maride
Place of Birth: Alexandria, Egypt
Religion: Moslem
Job: Associate Professor

CONTACT DATA

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Scoups: <https://www.scopus.com/authid/detail.uri?authorId=55976500800>

Scholar: <https://scholar.google.com/citations?user=9y1OPIQAAAAJ>

Researchgate: [https://www.researchgate.net/profile/ Dalia_Aseel](https://www.researchgate.net/profile/Dalia_Aseel)

ORCID iD: <https://orcid.org/0000-0001-6898-6492>

Publons: <https://publons.com/dashboard/summary/>

UNIVERSITY EDUCATION

2004 **BSc - Genetics**, Faculty of Agriculture, Alexandria University, Egypt. General Grade Very Good.

2010 - 2015 **PhD** – Plant pathology and Molecular Biology, Genetics Department, Faculty of Agriculture, Alexandria University. “Molecular characterization of Some Viruses Infecting Potatoes in North Egypt using Advanced Techniques”.

2006 – 2009 **MSc** - Plant pathology and Molecular Biology, Genetics Department, Faculty of Agriculture, Alexandria University. “Molecular Genetically Studies on *Cotton Leaf Curl Virus* in Egypt”.

PROFESSIONAL EMPLOYMENT HISTORY

2021 **Associate Professor**, at Plant Protection and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA-City).

2016 **Researcher**, at Plant Protection and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA-City).

2012-2015 **Assistant Researcher**, at Plant Protection and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI).

2010-2012 **Lab specialites**, working in laboratory Plant Protection and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI).

2006-2009 **Scholarship of MSc** advent from Academy of Scientific Research and Technology (ASRT). All the practical part of M.Sc. thesis takes place in Nucleic Acid Research Department, Genetic Engineering and Biotechnology Institute, City of Scientific Research and Technological Applications (SRTA-City). Alexandria, Egypt.

LIST OF PUBLICATIONS

Refereed Journal Articles:

1. **Dalia G. Aseel**, Ahmed Abdelkhalek, Fatimah O. Alotibi, Marwa A. Samy, Abdulaziz A. Al-Askar, Amr A. Arishi and Elsayed E. Hafez. Foliar Application of Nanoclay Promotes Potato (*Solanum tuberosum* L.) Growth and Induces Systemic Resistance against Potato Virus Y. **Viruses**, 2022, Vol.14, 2151.
2. Abdelkhalek, Ahmed, **Dalia G. Aseel**, Lóránt Király, András Künstler, Hassan Moawad, and Abdulaziz A. Al-Askar. Induction of Systemic Resistance to Tobacco mosaic virus in Tomato through Foliar Application of Bacillus

- amyloliquefaciens Strain TBorg1 Culture Filtrate. **Viruses**, 2022, Vol.14, 8: 1830.
3. Elshafey N, Selim S, Mohammed AH, Hagagy N, Samy M, Mostafa EM, Safhi FA, Alshamrani SM, Saddiq A, Alsharari SS, **Aseel DG**, Hafiz I, Elkelish A, Pérez LM. Mapping Archaeal Diversity in Soda Lakes by Coupling 16S rRNA PCR-DGGE Analysis with Remote Sensing and GIS Technology. **Fermentation**, 2022, Vol:8(8), 365.
 4. Dina H. Elkobrosy, **Dalia Gamil Aseel**, Elsayed E. Hafez, Mohamed A. El-Saedy, Asma A. Al-Huqail, Hayssam M. Ali, Jebril Jebril Saad Shama, Nader R. Abdelsalam & Ahmed Said Mohammed Elnahal. Quantitative detection of induced systemic resistance genes of potato roots upon ethylene treatment and cyst nematode, *Globodera rostochiensis*, infection during plant-nematode interactions. **Saudi Journal of Biological Sciences**, 2022, Vol: 29 (5), 3617-3625.
 5. Yasser M Shabana, Younes M Rashad, Khalid M Ghoneem, Nehal S Arafat, **Dalia G. Aseel**, Aiming Qi, Benjamin Richard, Bruce Fitt. Biodiversity of Pathogenic and Toxigenic Seed-Borne Mycoflora of Wheat in Egypt and Their Correlations with Weather Variables. **Biology**, 2021, Vol:10, 1025.
 6. **Dalia Gamil Aseel** & Maha Adel Kawanna. Reverse Transcription Loop-Mediated Isothermal Amplification (RT-LAMP) Assay For Rapid And Visual Detection of The *Potato Leafroll Virus*. **Plant Cell Biotechnology and Molecular Biology**, 2021, Vol:22 (45&46):1-13.
 7. Sobhy S.E., Abo-Kassem, E.-E.M., Sewelam, N.A., Elsayed E. Hafez. **Dalia G. Aseel**, Saad-Allah, K.M. Pre-soaking in Weed Extracts is a Reasonable Approach to Mitigate *Fusarium graminearum* Infection in Wheat. **Journal of Plant Growth Regulation**, 2021, Vol:44:1-18.
 8. Dina H. Elkobrosy, **Dalia G. Aseel**, Nader R. Abdelsalam, Mohamed A. El-Saedy, Saad Shama & Elsayed E. Hafez. The Effect of Cyst Nematode (*Globodera rostochiensis*) Isolate DDH1 on Gene Expression in Systemic Leaves of Potato Plant. **Journal of Microbiology, Biotechnology and Food Sciences**, 2020, Vol:10 (1);93-97.
 9. Hala M. El-Khayat & **Dalia G. Aseel**. Horticulture Performance and Genetic Diversity Based on RAPD Marker for some Egyptian Mandarin Cultivars. **Journal of Ecology of Health & Environment**, 2020, Vol:8 (2);1-11.
 10. Younes Rashad, **Dalia Aseel**, Saad Hammad & Amr Elkelish. *Rhizophagus irregularis* and *Rhizoctonia solani* Differentially Elicit Systemic Transcriptional Expression of Polyphenol Biosynthetic Pathways Genes in Sunflower, **Biomolecules**, 2020, Vol:10; 379.
 11. **Dalia Gamil Aseel**, Mahmoud Hamdy Abd El-Aziz & E. E. Hafez. Detection and identification of a new isolate of *Grapevine fanleaf Virus* naturally infecting Grapevine plants in Egypt using qReal Time-PCR. **Novel Research in Microbiology Journal**, 2019, Vol: 3(6); 493-501.

12. **Dalia G. Aseel**, Mahmoud H. Abd El-Aziz, Sanaa A. Riad, Azaa Makhlof, Gaber I. Fegla & Elsayed E. Hafez. Molecular, serological and biological characterizations of *potato leaf roll virus* in infected potato plants in Egypt, its effects on plant organelles. **Novel Research in Microbiology Journal**, 2019, Vol: 3(4); 453-463.
13. Abd El-Kader Essam M, Hwida M. Fathy & **Dalia G. Aseel**. In Vitro Conservation of The Unique Dillenia Indica Grown In Egypt Under Minimal-Growth Conditions. **Egyptian Journal of Agricultural Research**, 2019, Vol: 97(1); 249-265.
14. **Dalia G. Aseel**, Reham A. Madian, Sarah A. Aggag & Mohamed A. Elseehy. Evaluation of Some Defensin Genes Against ToMV in Different Tomato Cultivars Using Pathogenesis Related Protein Genes. **Journal of Microbiology, Biotechnology and Food Sciences**, 2019, Vol:9 (1); 29-33.
15. **Dalia G. Aseel**, Younes M. Rashad & saad M. Hammad. Arbuscular Mycorrhizal Fungi Trigger Transcriptional Expression of Flavonoids and Chlorogenic Acid Biosynthetic Pathways Genes in Tomato against *Tomato Mosaic Virus*. **Scientific Reports**, 2019, Vol: (9); 9692.
16. Maha Adel Kawanna & **Dalia G. Aseel**. Biological and Molecular Characterisation of an Isolate Of *Sweet Potato Feathery Mottle Virus* From Sweet Potato. **Bioscience Research**, 2019, Vol: 16 (2); 1515-1527.
17. Marwa A. Samy, Moustafa A. Abbassy, Elsayed E. Hafez, Entsar I. Rabea & **Dalia G. Aseel**. Biosynthesis and Characterization of Silver Nanoparticles Produced by Plant Extracts and Its Antimicrobial Activity. **South Asian Journal of Research in Microbiology**, 2019, Vol:3 (1); 1-14.
18. **Dalia G. Aseel**, Yehia Mostafa, Sanaa A. Riad & Elsayed E. Hafez. Improvement of nitrogen use efficiency in maize using molecular and physiological approaches. **Symbiosis**, 2019, Vol:77 (2).
19. Hosny Aly Younes, **Dalia Gamil Aseel** & Mahmoud Hamdy Abd El-Aziz Identification and Purification of *Cowpea Mosaic Virus* Comovirus Isolated From Infected Cowpea (*Vigna Unguiculata* L.) In Northern Egypt, 2019, IJAER; Vol: 4 (4); 206-212.
20. **Dalia Gamil Aseel**. Cloning, Expression and Protein Purification of AV1 Gene of *Okra Leaf Curl Virus* Egyptian Isolate and Genetic Diversity between Whitefly and Different Plant Hosts. World Academy of Science, Engineering and Technology, **International Journal of Biotechnology and Bioengineering**, 2018, Vol: 12 (10); 405-411.
21. Dina H. Elkobrosy, **Dalia G. Aseel**, Nader R. Abdelsalam, Mohamed A. El-Saedy, Saad Shama & Elsayed E. Hafez. Molecular and Physiological Detection of Cyst Nematodes on Potato During Plant Nematode Interactions. **Alexandria Science Exchange Journal**, 2018, Vol:39 (3); 478-481.
22. Younes M. Rashad, **Dalia G. Aseel** & Elsayed E. Hafez. Antifungal potential and defense gene induction in maize against *Rhizoctonia* root rot by seed extract

- of *Ammi visnaga* (L.) Lam. **Phytopathologia Mediterranea**, 2018, Vol: 57 (1):73-88.
23. Hassan O. Shaikhaldein, Borbala Hoffmann, Ibrahim A. Alaraidh & **Dalia G. Aseel**. Evaluation of Extreme Resistance Genes of *Potato Virus X* (*Rx1* and *Rx2*) in Different Potato Genotypes. **Journal of Plant Diseases and Protection**, 2018, Vol: 125; 251–257.
 24. Ranya EL-Bakatoushi & **Dalia Gamil Aseel Ahmed**. Evaluation of genetic diversity in wild populations of *Peganum harmala* L., a medicinal plant. **Journal of Genetic Engineering and Biotechnology**, 2018, Vol: 16; 143–151.
 25. **Dalia G. Aseel**, S. A. Riad, Azaa Makhlof, Hamed A. Ghramh, G. I. Fegla & E. E. Hafez. Expression and production of polyclonal antibodies for the coat protein gene of Egyptian *potato leaf roll virus*. **Wulfenia Journal**, 2017, Vol: 24 (9); 88- 99.
 26. **Aseel DG** & Hafez EE. The Comparison of Antibodies Raised Against PLRV with Two Different Approaches (Viral Particles Purification and Recombinant Production of CP), **Journal of Plant Pathology & Microbiology**, 2017, Vol: 8: 407.
 27. Adel A. El-Morsi, Samia A. Haroun, Ayat M. Hassan, **Dalia G. Aseel** & Elsayed E. Hafez. Characterization of *Citrus tristeza virus* (CTV) Isolated from Dakahlia Governorate, Egypt. **International Journal of Virology**, 2017, Vol: 13 (1): 53-61.
 28. **Dalia Gamil Aseel**, Azaa Makhlof, Sanaa A Riad, Elmorsi AA, GI Fegla & Hafez EE. Two Isolates of *Potato Virus Y* (PVY) and the Response of Different Potato Cultivars Against the Viral Infection, **Journal of Virology & Antiviral Research**, 2015, Vol: 4:4.
 29. Azza Makhlof, **D. G. Assel**, E. E. Hafez & M. A. EL Seehy. Molecular and Serological Studies for Detection and Identification of *Cotton Leaf Curl Virus* in Cotton Plant (*G. barbadense* L.) in Egypt, **British Microbiology Research Journal**, 2015, Vol: 9 (3); 1-9.
 30. Elsayed Elsayed Hafez, **Dalia Gamil Aseel** & Saad Mostafa. Two Novel Mycoviruses Related to Geminivirus Isolated from The Soil-Borne Fungi *Macrophomina phaseolina* (tassi) goid. and *Mucor racemosus* Bull, **Agriculture and Environmental Biotechnology Journal**, 2014, Vol: 27(6); 4222-4226.

 **Books:**

1. **Dalia G. Aseel**. Molecular Genetical Studies on *Cotton Leaf Curl Virus* in Egypt (2018). ISBN: 978-613-8-38657-5, Project ID: # 173299, LAMBERT Academic Publishing, Germany.
2. **Dalia G. Aseel**. Genotyping of Potato Leaf Roll Virus (PLRV) in Egyptian Isolates (2017). ISBN: 978-620-2-01802-9, Project ID: # 162959, LAMBERT Academic Publishing, Germany.

3. **Dalia G. Aseel.** Molecular Characterization of Some Viruses Infecting Potatoes (2017). ISBN: 978-3-659-90992-4, Project ID: # 164286, LAMBERT Academic Publishing, Germany.

+ **Book chapter:**

- ✓ Rashad, Y.M., **Aseel, D.G.**, Hammad S.M. (2020). Phenolic Compounds against Fungal and Viral Plant Diseases. In: Lone R., Shuab R., Kamili A. (eds.) Plant Phenolics in Sustainable Agriculture. Springer Nature Singapore Pte Ltd. pp 201-219, https://doi.org/10.1007/978-981-15-4890-1_9.

PROJECTS

- 1- **Member of the researcher team:** Impacts of Climate Change on Occurrence and Distribution of The Pathogenic Seed-Borne Fungi of Wheat and Maize in Egypt. Egypt-UK Cooperation: Newton-Mosharafa Program: Researcher Links, STDF, Egypt in Association with University of Hertfordshire, UK (2018 -2020).
- 2- **Member of the researcher team:** Biotechnological Approach To Search For Candidate Genes Associated With Nitrogen Use Efficiency (NUE) In Maize. Project code AGRV08 01ALEXREP (2009-2012).
- 3- **Participant:** Sample-Sequencing Strategy For Structural Analysis of The Cotton Genome. US-Egypt S&T Research Grant, University of Georgia, Athens, GA (2004-2008).

CONFERENCES

- The 3rd International Conference on Biological, Environmental Sciences & Applications (ICBESA-2020) 6-8 Feb. 2020, Aswan, Egypt. For the paper titled (Poster): “**Arbuscular Mycorrhizal Fungi Trigger Transcriptional Expression of Flavonoids and Chlorogenic Acid Biosynthetic Pathways Genes in Tomato against *Tomato Mosaic Virus***”.
- The 20th International Research Conference on Plant Biotechnology and Productivity (ICBPB-2018), 17-18 September 2018, ROME, Italy. In oral and technical presentation, recognition and appreciation of research contributions to ICBPB: “**Eco-Friendly Green Synthesis of Silver Nanoparticles Using Some Egyptian Plants against Some Plant Pathogenic Bacteria and Fungi**”.
- The 20th International Research Conference on Plant Biotechnology and Productivity (ICBPB-2018), 17-18 September 2018, ROME, Italy. In oral and technical presentation, recognition and appreciation of research contributions to ICBPB: “**Cloning, Expression and Protein Purification of AV1 Gene of Okra Leaf Curl Virus Egyptian Isolate and Genetic Diversity between Vector and Different Plant Hosts**”.

- Participation in the Virtual Event poster presentations for LabRoots 5th annual Genetics and Genomics, May 10-11, 2017 held at Labroots your Science Network.
- The First International Conference on Biological and Environmental Sciences & Applications (ICBESA-2017) 23-25 March 2017, Luxor, Egypt. for the paper (Poster) entitled: **“Genotyping of the *Potato Leaf Role Virus* (PLRV) Infected Potato Plant in Egyptian Isolates and The Cytopathogenic Effects on Plant Cell Level”**.
- The International Conference on Biotechnology and Enviroment. 1-3 November 2016, Faculty of Agriculture-Alexandria University, Egypt.
- The First International Conference of Genetics and Its Role In Life Science Development, 19-22 April 2016 Alexandria, Egypt. for the paper (Poster) entitled: **“Expression and Production of Polyclonal Antibodies for Coat Protein gene of Egyptian *Potato Leafroll Virus* (PLRV)”**
- The Second International Conference On New Horizons in Basic and Applied science, 1-6 August 2015, Hurghada, Egypt. for the paper (Poster) entitled: **“Genotyping of Potato Virus Y Possible Isolates in Egyptian Potato Fields”**
- The First International Conference "Food & Agriculture: NewApproaches" 2-4 December 2013, National Research Center, Cairo, Egypt.
- Plant & Animal Genomes XVII Conference, 10-14 January 2009, **Isolation, Cloning and Invitrotranscription of Coat Protein Gene of Egyptian *Cotton Leaf Curl Virus* (ECLCV)**, Town and Country convention center, San Diego, CA.

INTERNATIONAL TRAINING WORKSHOPS

- Participated a training workshop on: Immobilization of Biomolecules. 7th April 2021, Chemistry Department College of science University of Basrah.
- Participated a training workshop on: International Journals: Appropriate Selection and Metrics. 1st April 2021, Chemistry Department College of science University of Basrah.
- Participated a training workshop on: Bioinformatics Applications in Biological Science. 25th March 2021, Chemistry Department College of science University of Basrah.
- Participated a training workshop on: Nanomaterials Technology and it's Many different Applications. 24th March 2021, Chemistry Department College of science University of Basrah.

INTERNATIONAL WORKSHOPS

- Participated in the electronic workshop on: **Optimizing Superparamagnetic Iron Oxide Nanoparticles Design for DNA Vaccine Delivery**, 30th June 2021, Chemistry Department College of Science University of Basrah.

- Attendance in the International Workshop entitled: **Control Strategies of Fall Armyworm**, 4th to 5th April 2021, Plant Protection Research Institute, Agricultural Research Center.

LOCAL WORKSHOPS

- Attended a workshop: From Lab to Industry. Knowledge Technology Transfer (KTT). October, 16th 2019. City of Scientific research and Technological Applications.
- Attended a workshop of Arab Society for Plant Protection on “Invasive Pests” held in Alexandria, Egypt between 4-5 November 2018.
- Attended a workshop courses in “The Entrepreneurial Academic” at Academy of Scientific Research and Technology, Cairo, Egypt on the 25th -26th July 2018.
- Attended a workshop in different Type of electronic microscope components and their importance in analyzing different samples in various scientific fields in professional way. April 17-19th 2018, Electronic Microscope Unit, Central Labs, Advanced Technology and New Materials Research Institute, City of Scientific research and Technological Applications
- Participated in Dairy Industry in Egypt: Problems and Challenges Workshop held on 19th April 2017, Food Technology Department, Arid Lands Cultivation Research Institute (ALCRI) City of Scientific research and Technological Applications.
- Participated in 1st Food Contamination Workshop of Food Contamination: Risk, Detection and Prevention. 26th September 2016, Arid Lands Cultivation Research Institute (ALCRI), City of Scientific research and Technological Applications (SRTA-City).
- Participated in a training workshop on Climate change and agriculture sectors: impacts, vulnerability and adaptation, 25/5/2016, organized by Alexandria Research Center for Adaptation (ARCA).
- Attended a workshop on The 1st Mycotoxins Workshop Modern Detection of Mycotoxins in Food and Feed. February 10th 2015, International Marketing Center (IMC).
- Attended a workshop on Hepatitis B Viral (HBV) in Egypt Symptoms, Molecular Diagnosis, Causes and Treatment, 11 June 2014, Genetic Engineering Research Institute (GEBRI), City for Scientific Research and Technology Applications.
- Attended a workshop on Research Ethics, 3 June 2013, Center of Excellence for Drug Preclinical Studies, City of Scientific research and Technological Applications (SRTA-City).
- Attended a workshop on knowledge and culture of ISO, 9th April 2013, in City for Scientific Research and Technology Applications (SRTA-City).

- Attended a workshop on Bio-Fuel production 3rd February 2013, at city of scientific research and Technological applications (SRTA-City) in City of Scientific research and Technological Applications (SRTA-City) in Cooperation with YONSEI University.
- Attended the workshop on wastewater reuse in agriculture, 6 November 2012, Arid land cultivation research institute, City for Scientific Research and Technology Applications.
- Molecular Biology: Theory and Practicce from 23-27 March, 2008. In Botany Department, in Faculty of Science.

TRAINING COURSES

- Attendance a training on Biodeviristy: Applications on Measurment & Statistical Analysis of Biological Data. In cooperation with Arab Society for Fungal Conservation and City of Scientific Research and Technological Applications (SRTA-City).
- Engineering Group for Advanced Technology: For attending “ solariX the complete solution” on Aug 8, 2017 held at City of Scientific Research and Technological Applications, Alexandria .
- Attendance the course: General Chromatography & New Technique of the HPTLC (HPTLC, MS), Peak Scientific Instruments, S.A.E, 4th March 2014.
- Training: Trainers on Cultivation and Development of Jatropha Curcas, 20 to 22 May 2013, in City for Scientific Research and Technology Applications (SRTA-City).
- Fermentas Molecular Biology: In Mubarak City for Scientific Researchs, 20th July 2010.

LECTURER AND INSTRUCTOR

- Instructor in Summer School program from: 1th-12nd Septamper, 2019. Molecular Biology and Plant Diseases (Detection, Preventing and Management), City of Scientific Research and Technological Applications (SRTA-City).
- Lecture and Instructor of practical work in Winter School program from: 27th Junuray to 7th Febraury 2019. Plant Pathology and Molecular Biology (Discover-Protection-Treatment), Plant Protection and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA-City).
- **Teaching of Attending the training program:** Molecular Identification of Plants and Microbes as a Step for Gene Bank Development, 11-28 October 2015 , Arid Land Cultivations Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA).

WEBINARS

- Participated in the training webinar on : **“Introduction to Virology”**, 29th June 2021, University of Basra.
- Attendance for Research Academy On Campus **“Tips & advice for increasing your published paper visibility”**, 15th June 2021, at Egyptian Knowledge Bank.
- Attendance for Research Academy On Campus **“When do I need to pay an APC to get published?”**, 8th June 2021, at Egyptian Knowledge Bank.
- Attendance for IFAD Foundation **“Skills and tools of scientific research in the era of digital transformation”**, 1th June 2021, at Held via the online Platform-Zoom Application.
- Attendance for Research Academy On Campus **“Discover your impact: H-index & Author Metrics on Scopus-Short Session”**, 1th June 2021, at Egyptian Knowledge Bank.
- Attendance for Research Academy On Campus **“Saving time searching for papers with Scopus”**, 21th April 2021, at Egyptian Knowledge Bank.
- Attendance for Research Academy On Campus **“What are the Elsevier journals in my field?”**, 20th April 2021, at Egyptian Knowledge Bank.
- Attendance for **“Your way to become a PI”** Webinar. 11th April 2021, EYAS and Academy of Scientific Research & Technology.

INTERNATIONAL SYMPOSIUMS

- Participated in the electronic symposium on: Competitive Research Projects, 16th June 2021, Chemistry Department College of science University of Basrah.
- Participated in the electronic symposium on: Environment, 10th June 2021, Chemistry Department College of Science University of Basrah.
- Participated in the electronic symposium on: Biotechnology, 26th to 27th May 2021, Chemistry Department College of Science University of Basrah.

BEST PAPER AWARD

- The first International Conference on Biological and Environmental Sciences & Applications (ICBESA-2017) 23-25 March 2017, Luxor, Egypt. for the paper (Poster) entitled: **“Genotyping of the *Potato Leaf Role Virus* (PLRV) Infected Potato Plant in Egyptian Isolates and The Cytopathogenic Effects on Plant Cell Level”**

- The Second International Conference On New Horizons in Basic and Applied Science, 1-6 August 2015, Hurghada, Egypt. Session (IV): Advanced Research in Plant and Microbial Biotechnology, for the paper (Poster) entitled: **“Genotyping of *Potato Virus Y* Possible Isolates in Egyptian Potato Fields”**.
- **Achievement Award:** In Recognition and Appreciation of Research Contribution and Great Scientific Achievement for her Distinguished Publications in 2014.

SKILLS & EXPERIENCE

1. Organizing

- ✓ Organizing of the 3rd International Conference on Biological, Environmental Sciences & Applications (ICBESA-2020) held at Aswan, Egypt, 6-8th Feb 2020.
- ✓ Organizing of the training program (Biodeviristy: Applications on Measurment & Statistical Analysis of Bilogical Data). In cooperation with Arab Society for Fungal Conservation, held at Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Researches and Technological Applications (SRTA, City), Borg El-Arab, Egypt, 25 June 2018.
- ✓ Organizing the workshope on Towards a Good Research., Plant Production Department, held at Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA-City), Borg El-Arab, Egypt, 4th January 2017.
- ✓ Organizing the workshope on “Nutritional and Therapeutic Uses of Honey Bee Products”, held at Plant Production and Biomolecular Diagnosis Department, Arid Lands Cultivation Research Institute (ALCRI), City of Scientific Research and Technological Applications (SRTA-City), Borg El-Arab, Egypt, 24th May 2016.

2. Member of Editorial Board

- ✓ SciFed Journal of Mycology.
- ✓ Journal of Microbiology and Laboratory Science (JMLS).

3. Reviewer

| No. | Journal Name | Publisher | Publishing Date |
|-----|--|-----------------------------|-----------------|
| 1 | Asian Journal of Agriculture and Allied Sciences | I.K.Press | 8 Nov 2021 |
| 2 | International Journal of Plant & Soil Science | SCIENCEDOMAIN international | 22 Oct 2021 |
| 3 | Bulletin of the National Research Centre | Springer Nature | 2021 |

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| 4 | Journal of Experimental Agriculture International | SCIENCEDOMAIN international | 11 September 2021 |
| 5 | Asian Journal of Plant and Soil Sciences | I.K.Press | 11 September 2021 |
| 6 | Archives Of Phytopathology And Plant Protection | Taylor &Francis Group | 27 August 2021 |
| 7 | Genetic Resources and Crop Evolution | Springer Nature | 12 August 2021 |
| 8 | Asian Journal of Agricultural and Horticultural Research | SCIENCEDOMAIN international | 17July 2021 |
| 9 | South Asian Journal of Research in Microbiology | SCIENCEDOMAIN international | 4July 2021 |
| 10 | Plant Cell Biotechnology and Molecular Biology | Society for Biology and Biotechnology | 3 August 2021 |
| 11 | Plant Cell Biotechnology and Molecular Biology | Society for Biology and Biotechnology | 29 June 2021 |
| 12 | International Journal of Plant &Soil Science | SCIENCEDOMAIN international | 27 June 2021 |
| 13 | International Journal of Environment and Climate Change | SCIENCEDOMAIN international | 3 June 2021 |
| 14 | Asian Journal of Research in Botany | SCIENCEDOMAIN international | 5 May 2021 |
| 15 | Bulletin of the National Research Centre | Springer Nature | May 2020 |
| 16 | Frontiers in Genetics | Frontiers Media S.A. | 24 April 2020 |
| 17 | Industrial Crops & Products | ELSEVIER | 1 October 2019 |
| 18 | SciFed Journal of Plant Physiology | SCIFED | 5 November 2017 |

4. Membership In Professional Societies

- ✓ American Society for Microbiology (2021- 2022).
- ✓ Future Science Group (2021).
- ✓ Arab Society for Fungal Conversation (2018-2020).
- ✓ Society of Plant Pathology (2018).
- ✓ Arab Society for Plant Protection (2018).
- ✓ The Egyptian Society for the Biological Control of Pests (2016).

5. Scientific Committee

- ✓ Scientific committee member in The 3rd International Conference on Biological, Environmental Sciences & Applications (ICBESA-2020) 6-8 Feb. 2020, Aswan, Egypt.

PATENTS

- **Dalia G. Aseel**, Ismaeel M. El-Fakharany and Elsayed E. Hafez, Diagnostic Group Kit Using Antibodies Conjugated With Two Different Enzymes and Methods of Manufacturing, under (**Patent No.2018/1261**).

GENBANK RECORDING

| No. | Organism | Gene | Accesion no. | Date |
|------------|------------------------------------|-------------|---------------------|----------------|
| 1 | <i>Okra leaf curl virus</i> | AV1 | FJ441605 | 27 JAN 2009 |
| 2 | <i>Cotton leaf curl virus</i> | AV1 | FJ441604 | 27 JAN 2009 |
| 3 | <i>Potato leafroll virus</i> | MP | KR002119 | 8 SEP 2015 |
| 4 | <i>Potato leafroll virus-Say66</i> | CP | KR002118 | 8 SEP 2015 |
| 5 | <i>Potato leafroll virus-Say22</i> | CP | KR002117 | 8 SEP 2015 |
| 6 | <i>Potato leafroll</i> | CP | KR002116 | 8 SEP |

| | | | | |
|----|---|----------------------|-----------------|----------------|
| | <i>virus-Say44</i> | | | 2015 |
| 7 | <i>Okra leaf curl virus</i> | hypothetical protein | EU515241 | 6 JUL 2016 |
| 8 | <i>Cotton leaf curl virus</i> | hypothetical protein | EU515240 | 6 JUL 2016 |
| 9 | <i>Ralstonia sp.</i> | 16S rRNA | MK058439 | 25 May 2019 |
| 10 | <i>Pectobacterium sp.</i> | 16S rRNA | MK058440 | 25 May 2019 |
| 11 | <i>Fusarium sp.</i> | ITS | MK058441 | 25 May 2019 |
| 12 | <i>Potato leafroll virus</i> | RdRp | MT576073 | 26 May 2021 |
| 13 | <i>Soybean vein necrosis-associated virus</i> | nucleocapsid protein | MT634208 | 26 May 2021 |
| 14 | <i>Potato leafroll virus (Mycovirus)</i> | CP | MT829246 | 26 May 2021 |