

Botany and Microbiology Department

Faculty of Science

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Sabah Abo Elmaaty Ahmed Alsayed BSc, MSc, PhD

Personal Information:

Date of birth: 16/4/1972

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Education:

Qualification	University	Specialization	Year
Bachelor	Benha University	Botany	1994
Master	Benha University	Botany	2001
Ph.D	Benha University	microbiology (virology)	2006

Present and Previous Positions:

- Demonstrator at Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 1994-2004.
- Assistant Lecturer at Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 2002-2005.
- Lecturer at Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 2006-2017.

- Associate professor at Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 2018.
- Professor at Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 2025.
- Acting Head of Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 28/8/2025
- Head of Botany and Microbiology Department, Faculty of Science, Benha University, Benha, Egypt, 23/2/2026

Experience: Teaching Botany and microbiology Courses 32 years (1994- 2024).

Practical experiences and applications:

- * Microbiology
- * Virology
- * Tissue culture
- * Bacteria isolation
- * Antimicrobial Activity
- * Microbial Natural Products
- * Microbial Nanotechnology

Research administration:

- Reviewer of International Journal of plant and soil science.
- Reviewer of Benha Journal of Applied Sciences (BJAS)
- Reviewer of Journal of Basic and Environmental Sciences.
- Reviewer in the Egyptian Journal of Botany (EJBO)

Committee Membership:

- Member in the Egyptian journal of Botany (Cairo University).
- Member in the Egyptian association of virology.
- Member in the Egyptian association of phycology.
- Member in the Egyptian association of Microbiology.
- Member in the Arabian association of plant protection.
- Member in the Egyptian syndicate of scientific profession.

Scientific sites

Site	Link
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57194942864
Google Scholar	https://scholar.google.com/eg/citations?hl=ar&user=kiU68S0AAAAJ&view_op=list_works&sortby=pubdate
Research Gate	https://www.researchgate.net/profile/Sabah-Abo-Elmaaty
Benha University	https://bu.edu.eg/staff/sabahalsayed7
Orcid	https://orcid.org/0000-0003-3509-6762

Google Scholar:

https://scholar.google.com/eg/citations?hl=ar&user=kiU68S0AAAAJ&view_op=list_works&sortby=pubdate

Citation indices

Citations	352
h-index	8
i10-index	6

Research gate:

<https://www.researchgate.net/profile/Sabah-Abo-Elmaaty>

Citation indices

Citations	220
h-index	8
RI score	240.2

Awards:

Award for excellence in scientific research from Benha University for the academic years 2022, 2023, 2024 in International Publishing.

Participation in conferences and workshops:

- The 2nd Scientific Conference Applied Science and Sustainable Development. September 27-28,2020. Faculty of Science, Benha University, Egypt. As a reviewer
- The 3rd Scientific Conference Applied Science and the climatic changes challenges. September 8-9, 2022. Faculty of Science, Benha University, Egypt. As a reviewer
- The 4th Scientific Conference Applied Sciences for future challenges and Sustainable Development. December 21-22,2025. Faculty of Science, Benha University, Egypt. As a reviewer
- The 1st International Conference of Biodiversity and Sustainable Development. Helwan University, Botany and Microbiology Department, Faculty of Science, (15-16 October, 2016)
- The 5th Conference on Biotechnological Applications and their relations to food and drugs in Botany and Microbiology Sciences, (15-16 April, 2015), Zagazig University, Egypt.

- **The Fourth International Conference of Virology (Towards a Strategy for Controlling Viral Pathogens) 14-16 November, 2012, Sharm El-Sheikh, Egypt.**
 - **The 3th Symposium of Biomedical Science Luxor (5-6 February, 2022).**
 - **The Fifth International Conference of Medical Analysis, Toxins and IVF (11 February, 2022)**
 - **The 8th International Conference of the Egyptian society for environmental sciences (ESES), Scientific Research and Sustainable Development” 24th February,2024, Ismailia , Egypt.**
 - **Attending a symposium on moringa: the tree of the food future in Egypt and the world at the National Research Center (2022/8/10)**
 - **Attending a symposium on: Multivariant statistics for basic sciences at the National Research Center (27/7/ 2022)**
 - **Attending a symposium on: Recent trends in membrane & nano-technology at the National Research Center (2022/8/22)**
 - **Attending a symposium on: Impacts of climate change on the agriculture sector: Soil health and fertility at the National Research Center (18/9/2022)**
 - **Attending a symposium on: The Indian-Swedish Symposium of recent trends in membranes & nano-technology at the National Research Center (22 August, 2022).**
 - **Attending a symposium on: Recent advances in RO membranes spiral wound modules for water desalination at the National Research Center (21/9/2022)**
 - **Attending the training program entitled “Maximizing the Benefit of Medicinal and Aromatic Plants” during the period (22:25/5/2022) at the Desert Research Center.**
 - **Attending a workshop to train on how to use the e-learning platform, upload files, and use learning tools to create electronic courses, Faculty of Science, Benha University.**
 - **Attending a workshop to educate laboratory students registered for master’s and doctoral degrees to avoid laboratory hazards (14/12/2021), Botany and Microbiology Department.**
 - **• Attending: Plant Health Forum 2020 (2/16/2020) at the National Research Center**
 - **Attend a seminar on how to choose the right journal to submit your manuscript (10-16/9/2020) online.**
 - **Attending a workshop on how to use electronic tests on the e-learning platform (10/11/2021) via the Internet.**
 - **Attending a workshop on the Thinky platform (9/9/2024) at the Faculty of Science, Benha University.**
- Community participation:**
- **Delivering a symposium on the danger of pollutants as an initiative by Bedaya with an awareness-raising convoy in the village of Kafr Al-Arba’in (9/22/2024).**

List of Publications (55 international and local papers)

1. Aya A Diab, Deena Jalat, Yossef M.Fadl, Omar Samir, Lobna Shalaby, Mervat Elanany, Sabah A. Abo-Elmaaty, Ramy K. Aziz, Ahmmed AbdelAziz Sayed and Mervat G. Hassan. Limits of rapid diagnostics: genomic and structural insights into OXA-48–like mediated carbapenem resistance in Escherichia coli. *Frontiers in Microbiology* (2026). vol.17,pp.1:10. DOI [10.3389/fmicb.2026.1790597](https://doi.org/10.3389/fmicb.2026.1790597)

2. Kamel M. Elhalag, Mervat G. Hassan, Ahmed A. Hamed, Mohamed E. Elawady, Asmaa Hassan, **Sabah A. Abo Elmaaty**. Antibacterial efficacy of *Streptomyces rochei* metabolites against key bacterial diseases of potato. Indian Phytopathology <https://doi.org/10.1007/s42360-025-00884-9> (2025).
3. El Sayed M. Embaby, **Sabah A. Abo Elmaaty**, Nouran M. Abd El-Razek, Mohamed A. Embaby, Aya G. Atia, Mervat G. Hassan. Mitigating Aflatoxin Exposure Risk Using *Saccharomyces cerevisiae*: A Probiotic Eco-Friendly Approach to Enhance Biochemical Parameters and Histological Integrity in Albino Mice. Egyptian Journal of Veterinary Science (2025).pp.1-14. DOI: [10.21608/EJVS.2025.375321.2801](https://doi.org/10.21608/EJVS.2025.375321.2801)
4. Hamed M. El-Shora, **Sabah A. Abo Elmaaty**, Gharieb S. El-Sayyad, Widad M. Al-Bishri, Ahmed I. El-Batal and Mervat G. Hassan. Immobilization of purified pectinase from *Aspergillus nidulans* on chitosan and alginate beads for biotechnological applications. Microbial Cell Factories. <https://doi.org/10.1186/s12934-024-02603-x>
5. Mervat G. Hassan, Waleed A. Elmezain, Dina M. Baraka, **Sabah A. Abo Elmaaty**, Ahmed Elhassanein, Riyadh Mohammed Ibrahim and Ahmed A. Hamed. Anti-Cancer and Anti-Oxidant Bioactive Metabolites from *Aspergillus fumigatus* WA7S6 Isolated from Marine Sources: In Vitro and In Silico Studies. Microorganisms (2024), 12, 127. <https://doi.org/10.3390/microorganisms12010127>.
6. Rewan Abdelaziz, Marwa I. Abdel-Hamid, Nahed El-Wafaei, Mohamed F. Ghaly, Ahmed Askora, Gamal EL Didamony, **Sabah A. Abo Elmaaty**, Tamer A. Ismail, Doaa Ibrahim and Samar A. Eissa. Phage-Resistant *Streptomyces abietis* and its Telomycin Bioactive Metabolite as a Possible Alternative to Antibiotics. Microbial Pathogenesis. Vol. 194, September 2024, P.:106822. <https://doi.org/10.1016/j.micpath.2024.106822>
7. Hager Abd ElRahman; Mohamed A. Nasr-Eldin; **Sabah A. Abo Elmaaty**; Mohamed A. Abdelwahed; Mahmoud ElHefnawi; Asmaa M. ElFiky and Elham R.S. Soliman. Partial Genome Detection, Characterization of TYLCV (MZ546492) Infecting Tomato Plants and siRNA Sequences Detection for Alternative Control Strategy. Egyptian Journal of Botany (2024), 64(1) 211-223 <http://ejbo.journals.ekb.eg/>
8. Walid Said, Abeer Ahmed Khattab , Saadia Aly Hamed , **Sabah A. Abo Elmaaty** and Hany Khalil. Identification of Bioactive and Anticancer Properites of *Bidens pilosa* in-vitro Evidence. Asian Pacific Journal of Cancer

9. Samuel N. Wesa; Mervat G. Hassan; **Sabah A. Abo Elmaaty**; Mohamed E. Elawady and Ahmed A Hamed. Secondary metabolites from marine fungi as anticandidia. Benha Journal of Applied Sciences (BJAS) Vol. (9) Issue (3) (2024), (139-142) print: ISSN 2356–9751 online: ISSN 2356–976x
10. Hussein A. Abdel Fade; Mervat G. Hassan; **Sabah A. Abo Elmaaty** and Dina M. Baraka. Bacterial responsibility and Antibiotic sensitivity in Urinary Tract Infection. Benha Journal of Applied Sciences (BJAS) Vol. (9) Issue (3) (2024), (169-173) <http://bjas.bu.edu.eg> print: ISSN 2356–9751 online: ISSN 2356–976x.
11. Mervat G. Hassan , Aya G. Atia , **Sabah A. Abo Elmaaty**, Embaby E. M ; Detection and analysis of mycoflora associated corn and wheat flours and their toxins (2024); Vol. (9) Issue (1) (2024), (7-15) online: ISSN 2356–976x .
12. Nada E. Taha, Amr A. El-Waseif , Mervat G. Hassan, **Sabah A. Abo Elmaaty**. Biosynthesis, extraction, purification of postbiotic from probiotic isolate. Journal of Basic and Environmental Sciences (2024) ; 11(4) 539-546.<http://dx.doi.org/10.21608/jbes.2024.395555>.
13. Esraa A. Sobieh, Mervet Gameel Hassan, Mohamed Osman Abdel-Monem, **Sabah A. Abo Elmaaty**, Hamed M El-Shora. Response of Fungal L-glutaminase to some Anhydrides and Chelating Agents. Journal of Basic and Environmental Sciences (2024) ; 11(4) 307-314. <https://doi.org/10.21608/jbes.2024.390984>.
14. **Sabah A. Abo Elmaaty**, Mervat G. Hassan, Mohamed E. Elawady, Ahmed A. Hamed, Khaled H. El-harony. Effect Of Secondary Metabolites Products from Marine Streptomyces Against Bacteria Causing Otitis Media. Journal of Basic and Environmental Sciences (2024) ; 11(4) 19-40. <https://dx.doi.org/10.21608/jbes.2024.373476>
15. Nada K. Galal, Amr A. El-Waseif, Mervat G. Hassan, **Sabah A. Abo Elmaaty**. Antagonistic Activity of Probiotics against Gram Negative Bacteria. Journal of Basic and
16. Environmental Sciences(2024);11(4)547-557.
<http://dx.doi.org/10.21608/jbes.2024.395559>.
17. Mohamed Gamal; Gharieb Al-Sayyad; Alaa Elmetwalli; **Sabah A. Abo Elmaaty**; MervatG.Hassan. *Copper-Zinc Nanoparticles: Synthesis, Physicochemical*

Properties, and Biological Efficacy Against Bacteria and Cancer Cells. Basic and Environmental Sciences (2024); 11(4): 837–840.
<https://doi.org/10.21608/jbes.2024.396165>

18. Wissal E. Abdelmonaem; **Sabah A. Abo Elmaaty**; Noha Kh. El-DougDoug; Mohamed A. Nasr-Eldin. *Anticancer Potential of Alkanna orientalis: Unveiling a Medicinal Plant's Promise.* Benha Journal of Applied Sciences (2024); 9(6): 103–107. <http://dx.doi.org/10.21608/bjas.2024.289006.1427>
19. Rania Abd Elatif Goz; **Sabah A. Abo Elmaaty**; El Sayed M. Embaby; Mervat G. Hassan. *Occurrence of toxigenic fungi in sugarcane juice.* Journal of Basic and Environmental Sciences (2024); 11(4): 594–614.
20. Mohamed Nasr-Eldin; Eman Gamal; Mahmoud Hazaa; **Sabah A. Abo Elmaaty**. *Isolation, characterization, and application of lytic bacteriophages for controlling Enterobacter cloacae complex (ECC) in pasteurized milk and yogurt.* Microbiologica Folia (2023); 68: 911–924.
<https://doi.org/10.1007/s12223-023-01059-7>
21. **Sabah A. Abo Elmaaty** y , Ali A. Shati , Mohammad Y. Alfaifi , Serag Eldin I. Elbehairi , Norhan S. Sheraba , Mervat G. Hassan , Mona Shaban E. M. Badawy , Ahmed Ghareeb , Ahmed A. Hamed , and Ebtsam Z. Gabr. *Biofilm Inhibitory Activity of Actinomycete-Synthesized AgNPs with Low Cytotoxic Effect: Experimental and In Silico Study.* Microorganisms 11(102) 1-16.
<https://doi.org/10.3390/microorganisms11010102>.
22. Mervat G. Hassan, Amr A. El-Waseif, Reem H. Abd El gawad, Omnia M. Arief and **Sabah A. Abo Elmaaty**. *Assessment of Antibacterial, Cytotoxicity and Wound Healing Influence of Copper Nanoparticles Synthesized using Probiotic Bacteria.* Research Journal of Pharmacy and Technology, 16(10): October (2023). ISSN: 0974-360X (Online) 0974-3618 (Print) www.rjptonline.org
23. Walid Said, Abeer A Khattab, Saadia H Aly, Hany Khalil, **Sabah A. Abo Elmaaty**. *Management of hepatocellular carcinoma development by Trianthema portulacastrum extract; in-vitro evidence.* Benha Journal of Applied Sciences (BJAS) (2023). Vol.(7). Issue(12). pp. 133-136
24. Hussam K.M. Sahow, Samir H. Abdel Aziz, Soheir Abdel Rahman , El DougDoug, K. A, and **Sabah A. Abo Elmaaty**. *Determination of the genotype-adenovirus that causes multiple infections.* Benha Journal of Applied Sciences (BJAS) print : ISSN 2356–9751. online : ISSN 2356–976x <http://bjas.bu.edu.eg> Benha Journal Of Applied Sciences (2023).
25. Mohamed G. Seadawy; Ahmed F. Gad; **Sabah A. Abo Elmaaty** and Mervat G. Hassan. *Genome sequencing of SARS-CoV-2 reveals the prevalence of variant B.1.1.7 in Egypt.* Infection, Genetics and Evolution. (2022)

97,105191.www.elsevier.com/locate/meegid
<https://doi.org/10.1016/j.meegid.2021.105191>

26. **Sabah A. Abo Elmaaty**, Ashraf A Ad El-Tawab, Mohamed K. Morsy, Hadeer A Hassan, Ebtesam Z Gabr. Studies on free and nano-encapsulated *Lactobacillus casei* under simulated gastrointestinal fluid and thermal conditions. *Benha Veterinary Medical Journal* 42 (2022) 68-72
27. Mervet Gameel Hassan; Zainab R Hassan; S S Hamim; Mohamed O. Abdel-Monem and **Sabah A. Abo Elmaaty**. Antimicrobial and antibiofilm activity of StreptomycesspAS5 against *Klebsiella pneumonia* and *Escherichia coli*. *中华劳动卫生职业病杂志* 2022年13月第40卷第13期 *Chin J Ind Hyg Occup Dis*, (2022),33-41 ; DOI: [10.5281/zenodo.5841445](https://doi.org/10.5281/zenodo.5841445)
28. Amr A. El-Waseif; Ghada S. Abd El-Ghani; **Sabah A. Abo Elmaaty** and Mervat G. Hassan. Molecular characterization of virulence genes shiga-like, Heat-labile toxins and antibiotics resistance in multidrug-resistant *Escherichia coli*. *Research Journal of Pharmacy and Technology*. (2022) 15(7).ISSN: 0974-360X (Online) 0974-3618 (Print) www.rjptonline.org
29. Amr A. El-Waseif, Ghada S. Abd El-Ghani, **Sabah A. Abo Elmaaty** and Mervat G. Hassan. Cytotoxicity and Promising Anti-Biofilm of Curcuma Silver Nanoparticles against *Candida albicans*. *Articles in Press*, (2022); 15(8). ISSN: 0974-360X (Online) 0974-3618 (Print) www.rjptonline.org
30. **Sabah A. Abo Elmaaty**, Ahmed Esmael, Soheir Abderlrahman; Ebtesam Tarek and Mervat G. Hassan. Studies on the Application of Bacteriophages and Silver Nanoparticles in The Treatment of *Pseudomonas* spp. *Egyptian Academic Journal of Biological Sciences*. (2022);14(1) 23-39. ISSN:2090-0872 <https://ejbsg.journals.ekb.eg/> DOI:[10.21608/EAJBSG.2021.203035](https://doi.org/10.21608/EAJBSG.2021.203035)
31. Amr A. El-Waseif; Hind A. Eissa; **Sabah A. Abo Elmaaty** and Mervat G. Hassan. Anti-Virulence and Cytotoxic Behavior of Copper Nanoparticles against antibiotics-resistant *Staphylococcus aureus*. *Egyptian Journal of Chemistry*. September (2022); 34, 65 (9), Page 361-367. <http://ejchem.journals.ekb.eg/> DOI: <https://dx.doi.org/10.21608/ejchem.2022.111832.5079>
32. E. G. Abd El Nasser; M. G. Hassan; **Sabah A. Abo Elmaaty**; M. E. El Awady and S. S. Mohamed. Effect of Some Factors on the production of Crude Exopolysaccharides with antioxidant Activity from Marine Bacteria. *Benha Journal of Applied Sciences (BJAS)*. (2022); 7 (4):39- 45. Print: ISSN 2356-9751 Online: ISSN 2356-976x
33. F. Hassan, M. G. Hassan, **Sabah A. Abo Elmaaty**, M. E. El Awady and K. M. Elhalag. Screening of Antibacterial Activity of Different Secondary Metabolites from *Streptomyces* Against Potato Brown Rot and Soft Rot Diseases. *Benha Journal*

of Applied Sciences (BJAS). (2022); 7 (4):163- 167. Print: ISSN 2356-9751
Online: ISSN 2356-976x

34. S.K. Mahmoud , Y.M. Ismail , **Sabah A. Abo Elmaaty**, A.M. Dabour , E.Z. Gabr. Role of Indoleamine-2,3-Di oxygenase in HCV-associated chronic hepatitis and hepatocellular carcinoma. Benha Journal of Applied Sciences (BJAS) (2022) , [Volume 7, Issue 11](#), 117-121. <https://dx.doi.org/10.21608/bjas.2022.293446>
35. Ahmed Esmael; **Sabah A. Abo Elmaaty**; Esraa M. Khafaga; Soheir Abdelrahman and Mervat G. Hassan. Efficacy of three lytic bacteriophages for eradication biofilm of multidrug-resistant *Proteus mirabilis*. Archives of virology. Dec (2021). 166(12):3311-3322. <https://doi.org/10.1007/s00705-021-05241-5>
36. Mervat G. Hassan, **Sabah A. Abo Elmaaty**, S. A. Abo El-samee; M. I. Ahmed and A. E. Mohammed. Silver nanoparticles as antibacterial agent against multidrug resistant *Klbsiella pneumoni*. Benha Journal of Applied Sciences (BJAS) (2021); 6 (5):231- 235. Print: ISSN 2356-9751.ISSN 2356-976x.
37. Mohamed A. Nasr-Eldin , **Sabah A. Abo Elmaaty**, Khaled A. EL-DougDoug, Mahmoud M. Hazaa, Asmaa H. Abdelmageed. Characterization and development of a phage cocktail for *Escherichia coli* causing gastrointestinal diseases. Journal of Basic and Environmental Sciences (2018); 5(2), 115-122.
38. Mamdouh M. Esmat, Ahmed G. Abdelhamid, **Sabah A. Abo Elmaaty**, Mohamed A. Nasr-Eldin, Mervat G. Hassan, Abeer A. Khattab and Ahmed Esmael. Antibiotics and Phage Sensitivity as Interventions for Controlling *Escherichia coli* Isolated from Clinical Specimens. Journal of Pure and Applied Microbiology, Dec. (2017); 11(4), 1749-1755. DOI: <http://dx.doi.org/10.22207/JPAM.11.4.13>
39. **Sabah A. Abo Elmaaty**; Noha K. El-DougDoug and Mahmoud M. Hazaa. Improved antibacterial efficacy of bacteriophage cosmetic formulation for treatment of *Staphylococcus aureus in vitro*. Annals Agric. Sci., Fac. Agric., Ain Shams Univ., Cairo. (2016) ISSN: 0570-1783 EEC.
40. Abdel-Monem M. O., Hazaa M. M., Radwan M. A., Ahamed **Sabah A. Abo Elmaaty**. and Ismail A. M. Bacteriological and physico-chemical evaluation of certain sources of drinking water in Qalubia and pretreatment by NR-CB nanocomposite. Egyptian J. of Botany and Microbiology (2016).
41. F.M. Bassiouny, R.R. Khalil, K.A. El-DougDoug, **Sabah A. Abo Elmaaty** and M.S. Yousef. Geminivirus Modified Antioxidant Systems and Proline Accumulation in Tomato Plant. Journal of Functional And Environmental Botany 2015, 5(1) 31-40. DOI : [10.5958/2231-1750.2015.00005.0](https://doi.org/10.5958/2231-1750.2015.00005.0).

42. Bassiouny; El-DougDoug, K.A.; **Sabah A. Abo Elmaaty** and M.S.Yousef. A dramatic physiological and anatomical changes of tomato plants infecting with *Tomato Yellow Leaf Curl Virus geminivirus*. Journal of Agricultural Technology (2014) Vol.10(5):1213-1229 Available online <http://www.ijat-aatsea.com>.
43. Noha K.El-DougDoug, Sherin A.Mahfouze, Sabah A. Ahmed, Badawi A. Othman, Mahmoud M. Hazaa. Characterization, Genetic Diversity of Tomato Yellow Leaf Curl Virus Egyptian Isolate. Scientia Agriculturae, 3(2) 58-69.www.pscipub.com/SA E-ISSN: 2310-953X / P-ISSN: 2311-0228 DOI: [10.15192/PSCP.SA.2014.3.2.5869](https://doi.org/10.15192/PSCP.SA.2014.3.2.5869).
44. N. K. El-DougDoug, S. Mahfouze, Sabah A. Ahmed, B. Othman, M. Hazaa Published 2014Biology, Environmental Science. Characterization , Nucleotide Sequencing Of Tomato Yellow Leaf Curl Virus Egyptian Isolate. Semantic Scholar (Biology, Environmental Science) (2014). <https://doi.org/10.15192/pscp.sa.2014.3.2.5869>
45. Noha K. El-DougDoug, Sherin A. Mahfouze, **Sabah A. Abo Elmaaty**, Badawi A. Othman and Mahmoud M. Hazaa (2013): Identification of Biochemical and Molecular Markers in *Tomato Yellow Leaf Curl Virus* Resistant Tomato Species. Scientia Agriculturae (2013), (2) 2. 46-53. www.pscipub.com/SA E-ISSN: 2310-953X / P-ISSN: 2311-0228.
46. Mamdouh H. Abd El-Ghaffar; **Sabah A. Abo-El Maaty** and Sabry Y.M. Mahmoud. Identification and detectability of broad bean stain virus in broad bean seeds and effects on nodulation. Archives of Phytopathology And Plant Protection (2011), Volume 44, Issue 4: 390–403.
47. **Sabah A. Abo Elmaaty**. Ahmed; Nasr-Eldin, M. A.; El-DougDoug, K. A.; Othman, B. A. and Abdel-Aziz, S. H. Biochemical detection of three viroids naturally infecting grapevine in Egypt. Egyptian J. Virol. (2012), 9 (2): 593-619.
48. Nasr-Eldin, M.A.; **Sabah A. Abo Elmaaty**; El-DougDoug, K. A.; Othman, B. A. and Abdel-Aziz, S. H. (2012): Grapevine viroids infection and the impact on vine yield. Egyptian Society of Virology (2012) , 9 (2): 621-645.
49. Nasr-Eldin, M. A.; El-DougDoug, K. A.; Othman, B. A.; **Sabah A. Abo Elmaaty** and Abdel-Aziz, S. H. Three Viroids Frequency Naturally Infecting Grapevine in Egypt. International Journal of Virology (2012),8 (1): 1-13.

50. Dina M. Barka and **Sabah A. Abo Elmaaty**. Quantitative and qualitative changes of phytochemical composition in viral-infected *N. tabaccum*. *Journal of Applied Sciences Research* (2008), 4(9):1083-1091.
51. Sabry Y.M. Mahmoud, **Sabah A. Abo Elmaaty**, Aly M. El-Borolosy and Mamdouh H. Abdel-Ghaffar. Identification of Onion Yellow Dwarf Potyvirus as one of the Major Viruses Infecting Garlic in Egypt. *International Journal of Virology*(2008), 4(1): 1-13. <https://doi.org/10.3923/ijv.2008.1.13>.
52. El-DougDoug, K.A.; Hazaa, M.M.; Hanaa Gomaa, H.A.; **Sabah A. Abo Elmaaty**, S.A. Eradication of banana viruses from naturally infected banana plants. 1 - Biological and molecular detection of cucumber mosaic virus and bunchy banana top virus in naturally infected banana plants. *Journal of Applied Sciences Research* (2006), 2 (12):1156-1163.
53. MM Hazaa, KA El-DougDoug, **Sabah A. Abo Elmaaty**. Eradication of banana viruses from naturally infected banana plants 2. Production of certified banana plants and virus tested. *Journal of Applied Sciences Research* (2006), 2 (10): 714-722.
54. Kh.A. El-DougDoug, Hanaa H.A. Gomaa and **Sabah A. Abo Elmaaty**. The Impact of Interference Between Tomato Yellow Leaf Curl and Tomato Mosaic Viruses on Tomato Plants. *Journal of Applied Sciences Research* (2006), 2 (12):1151-1155.
55. El-DougDoug, K. A.; Rehab A. Dawoud; **Sabah A. Abo Elmaaty**; Hazaa M.A. and A. A. Kandil (2012): Monitoring of microtubers virus tested-derived potato tissue culture by DNA fingerprint analysis. *Egyptian Society of Virology*, November 14-16 (2012).