

# CV

**Naziha Mohamed Hassanein**



## PROFESSION

Professor of Microbiology (Mycology and Plant Pathology), Microbiology Department, Faculty of Science, Ain Shams University.

## PERSONAL DATA

**Date of Birth:** 08/07/1956

**Telephone:** Mobile: 01022226007

**Address:** 172 Ahmed Helmy, Shoubra, Cairo, Egypt.

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Naziha50@yahoo.com

## EDUCATION

**B.Sc.:** From Botany Department, Faculty of Science, Ain-Shams University, Cairo, Egypt. Major Grade: Excellent. University Approval: 29/7/1978.

**M.Sc.:** From Botany Department, Faculty of Science, Ain-Shams University. University Approval: 30/6/1986.

**Ph.D.:** From Microbiology Department, Faculty of Science, Ain-Shams University. University Approval: 27/12/1993.

**Assist. Prof.:** From Microbiology Department, Faculty of Science, Ain-Shams University. University Approval: 26/4/2005.

**Prof.:** From Microbiology Department, Faculty of Science, Ain-Shams University. University Approval: 24/4/2012.

**Head of Mycology Unit:** From 2012-2016.

**Member of Promotion committee – Supreme Council of Universities:**  
From 2020 - Present

## OTHER QUALIFICATIONS

**Biochemical Analyses Diploma:** From Biochemistry Department, Faculty of Science,

Ain-Shams University. Major Grade: Good. University Approval: 6/12/2010.

**Bachelor of Music (B. Mu.):** From Arts Academy, High Institute of Arabic Music, Department of Oriental Instruments (Lud), Major Grade: Very Good. Institute Approval: 1983.

## PUBLISHED RESEARCHES

1- Atalla, M. M., Hassanein, N. M., El-Beih, A. A. ,and Youssef, Y. A. (2003). Mycotoxin production in wheat grains by different Aspergilli in relation to different relative humidities and storage periods. *Nahrung / Food* 47(1): 6 -10.

2- Atalla, M. M., Hassanein, N. M., El-Beih, A. A. ,and Youssef, Y. A. (2004). Effect of fluorescent and UV light on mycotoxin production under different relative humidities in wheat grains. *Int. J. Agri. Biol.* 6(6): 1006-1012.

3- El-Mehalawy, A. A., Hassanein, N. M., Khater, H. M., Karam Kl-Din, E. A. and Youssef, Y. A. (2004). Influence of Maize root colonization by the rhizosphere Actinomycetes and yeast fungi on plant growth and on the biological control of late wilt disease. *Int. J. Agri. Biol.*, 6(4): 599-605.

4- Hassanein, N. M., El-Mehalawy, A. A., Khater, H. M., Karam Kl-Din, E. A. and Youssef, Y. A. (2002). The potential of selected rhizosphere Actinomycetes and yeast fungi for the biological control of late wilt disease of Maize caused by *Cephalosporium maydis* . *Proc. 3 rd Int. Conf. on Fungi Hopes and Challenges*, (1):167-188. The Regional Center for Mycol. Biotechnol., Al-Azhar Univ. Cairo, Egypt.

5- Atalla, M. M., Hassanein, N.M., El-Beih, A. A. , and Youssef, Y.A. (1999). Fungi associated with wheat grains with special reference to mycotoxin producing isolates. *Proc. 2<sup>nd</sup> Int. Conf. on Fungi Hopes of Challenges*, (II): 35-48. The Regional Center for Mycol., Biotechnol., Al –Azhar Univ. Cairo, Egypt.

6- Hassanein, N.M. (2004). Airborne yeast isolates as biocontaminants at two different indoor environments in Cairo. *Int. J. Agri. Biol.*, 6 (6): 1013-1022.

- 7-** Hassanein, N.M. (2004). Indoor mold fungi in two different localities in Cairo. *New Egypt. J. Microbiol.*, 9:41-58.
- 8-** Hassanein, N.M., Assem, S.K., AwadAllah, N.A., El-Itriby, H.A. and Youssef, Y.A. (2004). Evaluation of the efficiency of different transformation techniques in maize (*Zea L.*) shoot apices. *El-minia Science Bulletin*, 15 (2): 501-539.
- 9-** Naziha M. Hassanein, Mohamed A. Abou Zeid, Khayria A. Youssef and Dalia A. Mahmoud (2010). Control of tomato early blight and wilt using aqueous extract of neem leaves. *Phytopathol. Mediterr.* 49,143-151.
- 10-** Naziha M. Hassanein (2012). Biopotential of some *Trichoderma* spp. against cotton root rot pathogens and profiles of some of their metabolites. *African J. of Microbiology Research* Vol. 6(1) pp.
- 11-** Mahmoud D. A., Hassanein N. M., Youssef K. A. and Abou Zeid M. A. (2011). Antifungal activity of different neem leaf extracts and the nimonol against some important human pathogens. *Brazilian J. of Microbiology*.42 (3):
- 12-** Naziha M. Hassanein, E. A. M. Gado and Noha M. Abdel Hameed (2011). Efficiency of biocontrol agents against cotton root rot pathogens under salinity conditions. *Egypt. J. Bot. Vol.* 51 (1): 49-68.
- 13-** Sara H. Mansour, Eman F. Ahmed, Naziha M. Hassanein and Mona A. Esawy (2012). Production of a novel halophilic dextranase from a honey isolate, *Bacillus subtilis* NRC-B233 under solid fermentation. *Egypt. J. Microbiol. Vol.* 46: 55-78.
- 14-** Naziha M. Hassanein (2010). The role of biotic and abiotic agents in the control of damping-off and wilt of bean plants. *Egypt. J. Exp. Biol (Bot.)*, 6 (1): 21-31.
- 15-** Naziha M. Hassanein, Usama A. El - Behairy, Mostafa H. El – Kattan

and Dina A. Shafik (2011). Growth and yield responses of tomato (*Lycopersicon esculentum*) grown under soilless cultivation to application of *Azospirillum*, *Azotobacter* and nitrogen. *Egypt. J. Microbiol.* Vol. 46 (1): 49-68.

**16-** Naziha M. Hassanein, Khaled Z. El-Baghdady, Atef K. Farid, Tarek A. Tawfik and Ayman Y. Ewida (2012). Activity of microbial communities and water quality of some groundwater systems in Egypt. *Egypt. J. Exp. Biol. (Bot.)*, 8 (1): pp.

**17-** Naziha M. Hassanein, Mervat M. A. El-Gendy, Hussein A. Ebrahim and Doaa H. Abdel-Baky (2011). Screening and evaluation of some fungal endo phytes of plant potentiality as low-cost adsorbents for heavy metals uptake from aqueous solution. *Egypt. J. Exp. Biol. (Bot.)*, 8 (1): 17-23.

**18-** Naziha M. Hassanein, Mostafa H. El – Kattan, Usama A. El - Behairy, and Dina A. Shafik (2011). Induced suppressiveness to *Fusarium oxysporum* with phytostimulation microorganisms (PSMs) inhydroponically grown tomato. *Egypt. J. Phytopathol.* Vol. 49 (1): 96- 116.

**19-** Mona A. Esawy, Sara H. Mansour, Eman F. Ahmed, Naziha M. Hassanein, Hesham A. El Enshasy (2012). Characterization of Extracellular Dextranase from a Novel Halophilic *Bacillus subtilis* NRC-B233b a Mutagenic Honey Isolate under Solid State Fermentation. *E-Journal of Chemistry*, 9(3), 1494-1510

**20-** A. A. El-Mehlawy, S. M. Hassanein, N. M. Hassanein and S. A. Zaki (2007). Induction of resistance and biocontrol of *Rhizoctonia* in cotton against damping – off disease by Rhizosphere microorganisms. *N. Egypt. J. Microbiol.* Vol. 17: 148-168.

**21-** S. M. Hassanein, A. A. El-Mehlawy, N. M. Hassanein and S.A. Zaki (2007). Isolation, identification and chemical characterization of antifungal compounds isolated from rhizosphere microorganisms antagonizing the fungal pathogen *Rhizoctonia*. *N. Egypt. J. Microbiol.* Vol. 17:129-147.

- 22-** Karam El-Din, A. A. Mahmoud, Hassanein N. M. and Youssef Youssef (2005). Screening of some activities of indoor mould fungi. *N. Egypt. J. Microbiol. Vol. 17*: 184-198.
- 23-** Karam El-Din A. and Hassanein N. (1991). The fungal flora of some vegetable plants as a possible source of some human diseases. *Women's college Ann. Rev. Vol. (16) 1/2*: 216-137.
- 24-** Naziha M. Hassanein, Mohammed F. Ahmed, Amr H. Mostafa, Maha M. Elshafei , Marwy A. Ahmed and Hend M. Khater (2015). Biosorption of Iron from Ground Water by Biomasses of *Saccharomyces cerevisiae* Yeast. *Egypt. J. Bot., Vol. 55, No, 2*. pp. 231-245.
- 25-** Mohammed F. Ahmed, Naziha M. Hassanein, Maha M. Elshafei, Amr H. Mostafa , Marwy A. Ahmed and Hend M. Khater (2015). Biosorption of Manganese from Ground Water by Biomasses of *Saccharomyces cerevisiae*. Housing and publishing national research center HBRC J., C(): CC-CC.
- 26-** Naziha M. Hassanein, Foad F. Abd-Elaal, Hend M. Khater, Omar A. Rabeea and Amal H. Mansy (2015). Effect of HGV on patients co-infected with HIV. *Al-Azhar Med. J.Vol. 44(3)*, 255-268.
- 27-** Naziha M. Hassanein, Lobna A. Moussa, Khayreia A. Youssef, Peter F. F. (2016). *In vitro* Production of Cell Wall Degrading Enzymes and Mycotoxins by *Fusarium* spp. Isolated from Maize Ears. *Middle East Journal of Applied Sciences. Volume : 06 | Issue :03, Pages: CC-CC*.
- 28-** Naziha M. Hassanein, T. Shoala, Shaymaa A. Gouda (2016). *In vitro* studies on biological control of *Drechslera* species causing brown spot disease in rice plants. *PSM Microbiology pp: 2518-3834*.
- 29-** Naziha M. Hassanein, Mervat M. El-Gendy, Noha M. Abdelhameed (2016). Endophytic fungi of some medicinal plants in Egypt. *Egypt. Acad. J. Biolog. Sci., 8(1)*: 65-78.
- 30** Amal M. Hashema, Amira A. Gamal, Mohamed E. Hassan, Naziha M. Hassanein, Mona A. Esawy (2016). Covalent immobilization of

Enterococcus faecalis Esawy dextran sucrose and dextran synthesis. International Journal of Biological Macromolecules, (82): 905–912.

- 31-** Mona A. Esawya, Amira A. Gamala, Mohamed M.I. Helala, Mohamed E. Hassana, Naziha M. Hassanein, Amal M. Hashema (2016). Enzymatic synthesis using immobilized Enterococcus faecalis Esawy dextranase and some applied studies. International Journal of Biological Macromolecules, 92: 56–62.
- 32-** Mervat Morsy Abbas Ahmed El-Gendy, Naziha M. Hassanein, Hussein Abd El-Hay Ibrahim and Doaa H. Abd El-Baky (2017). Heavy Metals Biosorption from Aqueous Solution by Endophytic *Drechslera hawaiiensis* of *Morus alba* L. Derived from Heavy Metals Habitats. Mycobiology, pp: 73-83.
- 33-** Amal M. Hashema, Amira A. Gamala, Nahla M. Mansoura, Bassem M. Salamaa, Naziha M. Hassanein, Ghada E.A. Awada, Mona A. Esawy (2018). Optimization of Enterococcus faecalis Esawy KR758759 dextranase and an evaluation of some dextran bioactivities. Biocatalysis and Agricultural Biotechnology, pp: 348-358.
- 34-** Sara H. Mansour, Azza M. Abdel-Fattah, Mona A. Esawy, Eman F. Ahmed, Ahmed A. Haroun, Mohamed A. Hussein, Naziha M. Hassanien and Hend M. Khater (2019). Immobilization, Thermodynamic studies and Application of Chitinase enzyme from *Penicillium chrysogenum*. Egyptian Journal of Aquatic Biology & Fisheries, Zoology Department, Faculty of Science, Ain Shams University, Cairo, Egypt. Vol. 23(3): 527 – 544.
- 35-** Shaymaa A. Gouda, Naziha M. Hassanein, Sameh A. Rizk, Peter F. Foad and Omar E. Rabeea (2020). Evaluation of a potential biocontrol rhizosphere *Fusarium moniliforme* against *Curvularia spicifera* the causal agent of rice leaf spot and utility DFT study to evaluate one constituent in GC/MS. Current Science International. Vol. 09 (1): 57-66. DOI: 10.36632/csi/2020.9.1.7
- 36 -** I.E. M. Abdellah, T. H. Ali, D. A. M. Abdou, N. M. Hassanein, D. H. El-Ghonemy, M. Fadel and A. A. Karam El-Din (2020). Enhancement of lipid productivity from a promising oleaginous fungus *Aspergillus* sp. Strain EM2018 for biodiesel production: Optimization of culture conditions and

identification. *Grasas y Aceites*, 3(71): pages

**37** - Dina H. El-Ghonemy , Thanaa H. Ali , Naziha M. Hassanein , Eman M. Abdellah , Mohamed Fadel , Ghada E. A. Awad & Dalia A. M. Abdou (2020). Thermo-alkali-stable lipase from a novel *Aspergillus niger*: statistical optimization, enzyme purification, immobilization and its application in biodiesel production. *Preparative Biochemistry & Biotechnology*, pages:1-16

**38** - Naziha M. Hassanein, Mervat M. A. A. El-Gendy, Noha M. Abdelhameed (2020). Molecular typing, biodiversity, and biological control of endophytic fungi of *Triticum aestivum* L. against phytopathogenic fungi of wheat. *Journal of Biotechnology, Computational Biology and Bionanotechnology*. vol. 101 (4) C pp: 283–299 C

### INTERNATIONAL PUBLISHED BOOKS

Book Title: Antimicrobial Benefits of Neem Tree. Lambert Academic Publishing (LAP), Germany. Book Number is: 76707 and bearing ISBN 978-3-659-32083-5.

### INTERNATIONAL EDITORIAL BOARD MEMBER

**An editor of:**

African Journal of Microbiology Research.

**An editorial board member of the following international journals:**

- 1- African Journal of Biotechnology.
- 2- African Journal of Agricultural Research.
- 3- Comprehensive Research Journal of Agriculture Science (CRJAS).
- 4- Journal of health Science.

### INTERNATIONAL REVIEWED RESEARCHES

- 1- African Journal of Microbiology Research.** Manuscript titled:“*Trichoderma harzianum* and *Trichoderma viride* exhibit antagonistic activity against *Fusarium solani* causal agent of root rot of tomato”. Manuscript Number: AJMR-12-956. (9 Aug 2012).
- 2- African Journal of Microbiology Research.** Manuscript titled:

Bio-efficacy of Trichoderma isolates against soil-borne pathogens”.  
Manuscript Number: AJMR-24.12.13-6588 (31-12-2013).

- 3- **African Journal of Microbiology Research.** Manuscript titled:  
”Phosphate solubilization and phytohormone production by endophytic  
and rhizosphere Trichoderma spp. isolates of guanandi (*Calophyllum  
brasiliense* Cambess)”. Manuscript Number: AJMR-14.01.14-6633 (20-  
01-2014).
- 4- **African Journal of Biotechnology.** Manuscript titled: “*CELLULASE  
PRODUCTION FROM WASTE PAPER USING TRICHODERMA  
SPECIES ISOLATED FROM RHIZOSPHERIC SOIL.*”. Manuscript  
Number: AJB- 12-2555. 10. ( Sept. 2012).
- 5- **African Journal of Agricultural Research.** Manuscript titled: ECO-  
FRIENDLY MANAGEMENT OF ROOT-ROT OF CHILLI CAUSED  
BY RHIZOCTONIA SOLANI Kuhn. Manuscript Number:  
AJAR/16.01.13/6772. (13 April 2013).
- 6- **International Journal of Agricultural Sciences.** Manuscript titled:  
“Productivity and economics of different use pattern of maize (*Zea  
mays* L.)”. Manuscript Number: IJAS-12-195.
- 7- **International Journal of Biological and Physical Sciences.**  
Manuscript titled: “AERIAL MICROBIOLOGY OF THE SCIENCE  
BUILDING (OFRIMA COMPLEX) IN THE UNIVERSITY OF PORT  
HARCOURT”. Manuscript Number: IJBPS-13-001.
- 8- **Turkish Journal for Agriculture and Forest.** Manuscript titled:  
Field performance of Trichoderma species against wilt complex of  
chickpea caused by *Fusarium oxysporum* f. sp. *ciceri* and *Rhizoctonia  
solani*. Manuscript Code Number: TAR-1209-10.
- 9- **International Journal of Medicinal Plant Research.** Manuscript  
titled: Physico- chemical investigation and antimicrobial  
activity studies on essential oil of *Carum  
roxburghianum*”. Code Number: IJMPR-12-120 (4 October 2012).
- 10- **American Journal of Agriculture and Forestry.** Manuscript  
titled: Evaluation of river sand as a medium for raising cocoa



(Theobroma cacao L) seedlings. Manuscript Code Number: AJAF-2180972-20140428.

**11- African Journal of Biotechnology.** Manuscript titled: First isolation and complete identification of *Trichoderma asperellu* from plant rhizosphere in Egypt and assessment of their potential biocontrol against plant pathogens. Manuscript Number: AJB-16.11.15-15108.

**12- Honeybee Pests, Predators and Diseases in the Selected Districts of Bench-Maji and Sheka Zone, Southwest Ethiopia.** (Mar.2019).

**13- Fungal and bacterial bio-control agents in controlling citrus nematode *Tylenchulus semipenetrans* Cobb in greenhouse and fields.** (Jan. 2017).

**14- Impact of Beauveria (Bals) and Metarhizium anisopliae (Met) on functional response of Chrysoperia carnea feeding on Ephestia cautella eggs.** (Jan. 2017)

**15 - Furfural لمكافحة النشأاط السمى لمبيد - (4- P, Paecilomyces lilacinus (Thoms) Samson Trichoderma viride , Trichoderma harzianum Rifani.** (Jan. 2017).

**16- An Overview on Applications of Nanoparticles in Biological Systems.** (Sep. 2016).

**17- Application of Fe<sub>3</sub>O<sub>4</sub>?chitosan nanoparticles for Mucor racemosus NRRL 3631 lipase immobilization.** (Sep. 2016).

**18- Immobilization of Mucor racemosus NRRL 3631 lipase and characterization of silica-coated magnetite (Fe<sub>3</sub>O<sub>4</sub>) nanoparticles.** (Sep. 2016).

**19- A New Approach for Aspergillus hortai Cellulase Immobilization on Poly (Acrylamide-co- Acrylic Acid) by Diazotization Method.** (Sep. 2016).

**20- Optimization of Aspergillus hortai Cellulase Immobilized on Poly (Acrylamide-Co-Acrylic Acid) for Hydroxylation of Cellulose Rice Straw Wastes.** (Sep. 2016).

**21- Optimization of cultural and nutritional conditions for carboxymethylcellulase production by Aspergillus hortai .** (Sep. 2016).

**22- Citrullus Colocynthis Nano Silver –Hybrid as Antimicrobial Agent.** (Sep. 2016).

- 23-** Optimization of 11 -Hydroxy-Progesterone Produced by Biotransformation of Progesterone with Immobilized *Penicillium auranticum* Cells on Poly VinylAlcohol (PVA) Beads using Central Composite (Experimental Design. (Sep.2016).
- 24-** Evaluating the Antiviral Activities of Some Bacteria Against Bovine Viral (Diarrhea Virus (BVDV). (Sep.2016).
- 25-** Isolation and Identification Of Fungi Associated with Infected With 'Root Knot Nematode And Evaluation Their Efficiency Of Parapitisonm on Eggso f *Meloidogyne javanica* in Wasit Province roots of three plant species. (Jul. 2016).
- 26** دراسة مقارنة بين بعض العوامل الإحيائية ومبيد الفورفورال على معايير نمو نبات الطماطة في البيوت الزجاجية *MELOIDOGYNE JUVANICA* وإمراضية نيماتود تعقد الجذور يونيو - 2016
- 27-** Laboratory evaluation of the entomopathogenic fungi *Beauveria bassiana* and *Metarhizium ansiplicae* against adults of *Dacus Ciliatus*. (May 2016).
- 28-** *Tagetes Erecta* With Native Isolates Of *Paecilomyces lilacinus* and *Trichoderma hamatum* In Controlling Root Knot Nematode *Meloidogyne javanica* On Tomato. (May 2016).
- 29-** Evaluation the efficiency of Soil Solarization, *Trichoderma harzianum*, *Trichoderma viride*, *Paecilomyces lilacinus*, *Glomus mosseae* and nematicide furfural against root knot nematode on tomato plants. (May 2016).
- 30-** Improvement the activities of plant growth-promoting rhizobacteria in root knot nematode *Meloidogyne javanica* and tomato plant growth in Wasit Province (May 2016)
- 31-** Evaluation of antimicrobial activity of crude methanolic extract of pods of *Ceratonia siliqua* L against some pathogens and spoilage bacteria. (Feb. 2016).
- 32-** In vitro antibacterial activities of the crude methanol extract of *Tamarindus Indica* fruit pulp, a native drink from Sudan. (Feb. 2016).
- 33-** Plants: an alternative source for antimicrobials. (Feb. 2016).

- 34-** Antimicrobial properties and phytochemical constituents of methanol extract of *Euphorbia retusa* Forssk and *Euphorbia terracina* L. from Saudi Arabia. (Feb. 2016).
- 35-** Traditional medicinal plants indigenous to Al- Rass province, Saudi Arabi. (Feb. 2016).
- 36-** Screening of antimicrobial activity of some plants from Saudi folk medicine. (Feb. 2016).
- 37-** Antimicrobial, antioxidant and phytochemical investigation of *Balanites aegyptiaca* (L) Del. edible fruit from Sudan. (Feb. 2016).
- 38-** Evaluation of antimicrobial and antioxidant properties of leaves of *Emex spinosa* and fruits of *Citrillus colocynthis* from Saudi Arabia. (Feb. 2016).
- 39-** Antibacterial and toxicological assessment of *Lawsonia* Linn. (Henna) leaves on rates. (Feb. 2016).
- 40-** Purification and characterization of extra cellular Pectin lyase from *Erwinia carotovora* isolate from spoilt potatoes. (May 2015).
- 41-** Production, Purification and Characterization of a novel L-asparaginase from *Acinetobacter baumannii* with anticancerous activity. (May 2015).
- 42-** Cytotoxic effect of the purified inulinase from locally Isolate *Staphylococcus aureus* on Hep-2 cancer cell line in vitro. (May 2015).
- 43-** Detection of the Optimal Conditions for Pectate lyase Productivity -and Activity by *Erwinia chrysanthemi*. (May 2015).
- 44-** Production, Purification and Characterization of a novel L-asparaginase from *Acinetobacter baumannii* with anticancerous activity. (May 2015).
- 45-** First isolation and complete identification of *Trichoderma asperellu* from plant rhizosphere in Egypt and assessment of their potential biocontrol against plant pathogens. (Jan. 2015).
- 46-** Evaluation of river sand as a medium for raising cocoa (*Theobroma cacao* L) seedlings. (April 2014).

- 47-** Phosphate solubilization and phytohormone production by endophytic and rhizosphere *Trichoderma* spp. isolates of *guanandi* (*Calophyllum brasiliense* Cambess. (Jan. 2014).
- 48-** Productivity and economics of different use *Zea mays* L. (Dec. 2013). patterns
- 49-** Bio-efficacy of *Trichoderma* isolates against soil-borne pathogens. (Dec. 2013).
- 50-** AERIAL MICROBIOLOGY OF THE SCIENCE BUILDING (OFRIMA COMPLEX) IN THE UNIVERSITY OF PORT HARCOURT. (Jul. 2013).
- 51-** ECO-FRIENDLY MANAGEMENT OF ROOT-ROT OF CHILLI CAUSED BY *RHIZOCTONIA SOLANI* Kuhn. (Apr. 2013).
- 52-** Field performance of *Trichoderma* species against wilt complex of chickpea caused by *Fusarium oxysporum* f. sp. *ciceri* and *Rhizoctonia solani*. (Oct. 2012).
- 53-** Physico- chemical investigation and antimicrobial activity studies on essential oil of *Carum roxburghianum*. (Oct. 2012).
- 54-** CELLULASE PRODUCTION FROM WASTE PAPER USING *TRICHODERMA* SPECIES ISOLATED FROM RHIZOSPHERIC SOIL (Sep. 2012).
- 55-** *Trichoderma harzianum* and *Trichoderma viride* exhibit antagonistic activity against *Fusarium solani* causal agent of root. rot of tomato. (Sep. 2012).
- 56-** Microbiological and Biochemical Studies on Microbial Honeybee Pests, Predators and Diseases in the Selected Districts of Bench-Maji and Sheka Zone, Southwest Ethiopia (Mar. 2019).
- 57-** Optimization of growth conditions and continuous production of inulinase using immobilized *Aspergillus niger* cells. Egyptian Pharmaceutical Journal. 2013 volume 12, 83-89.
- 58-** A Novel Phytase Enzyme for Poultry Feed. World Applied Sciences Journal .2013; 26 (2):194-199

**59-** Optimization of Phytase Production by *Penicillium purpurogenum* GE1 under Solid State Fermentation by Using Box-Behnken Design. Saudi Journal of Biological Sciences (2014) 21, 81–88.

**60-** Dietary Role of Phytase to Improve Minerals Bioavailability for Bone Conformation. World Journal of Medical Sciences 2014; 11(4): 504-509.

**61-** OPTIMIZATION OF ALKALINE PROTEASE PRODUCTION BY STREPTOMYCES AMBOFACIENS IN FREE AND IMMOBILIZED FORM. American Journal of Biochemistry and Biotechnology 2014; 10(1):1-13.

**62-** Enhanced production of thermostable lipase from *Bacillus cereus* ASSCRCP1 in waste frying oil based medium using statistical experimental design. Journal of applied pharmaceutical science. 2015; 5 (9):7-15.

**63-** Characteristics of Immobilized Urease on Grafted Alginate Bead Systems Brazilian Archives of Biology and Technology, 2015; 58(2): 1-7.

**64-** Enhancement of novel extracellular bacteriocin production by media optimization using LAB isolate from meat. Journal of applied pharmaceutical science. 2016; 6 (12):20-27.

**65-** *Lactobacillus reuteri* can Improve BMD in Patients Having Bone Fragility. International Journal of Dairy Science 2017; 11(4): 1-6.

**66-** *In vitro* evaluation of antioxidant, biochemical, and antimicrobial properties of biosynthesized silver nanoparticles against multidrug-resistant bacterial pathogens. American Journal of Biochemistry and Biotechnology 2014; 10(1): 1-13.

**67-** Biotechnological studies for reusable production of bacteriocin using LAB immobilized cells. Research Journal of Pharmaceutical, Biological and Chemical Sciences.

## REVIEWED THESIS

Master thesis titled: “Microbiological and Biochemical Studies on Microbial Pectinases”, from Botany Department, Faculty of Science, Cairo University.

## WORKSHOPS

- 1- The workshop concerning “The modern directions of rectification and examination”, Ain Shams University (19-21 December, 2006).
- 2- The training course “Chemical Analysis” according to the following syllabus:
  - Extraction of oil.
  - Separation of fatty acids.
  - Determination of fatty acids by GC.
  - Determination of carbohydrates by HPLC.
  - Determination of amino acid by Amino Acid Analyzer.
  - Determination of elements by ICP spectrometer.In the chemistry Labs, Faculty of Agriculture, Cairo University (12-15 June, 2010).
- 3- The workshop titled “Role of microbial resource centers in preservation and development of microbial cultures”. In Agriculture Research Center, Giza, Cairo (30-4-2014).

## CONFERENCES

- 1- The 2<sup>nd</sup> International Conference on Fungi Hopes of Challenges. The Regional Center for Mycology, Biotechnology, Al –Azhar University, Cairo, Egypt (1999).
- 2- The 3<sup>rd</sup> International Conference on Fungi Hopes and Challenges. The Regional Center for Mycology, Biotechnology, Al-Azhar University, Cairo, Egypt (2002).
- 3 - The 1<sup>st</sup> Arabic Scientific Conference of the agricultural Chemistry and environmental Protection Society, Agricultural Faculty, Ain Shams University (28-30 October 2009).
- 4 - The 49<sup>th</sup> International conference of the American academy of the environmental medicine (AAEM) at the embassy suites hotel and spa, Albuquerque, New Mexico, USA on October 23-26, 2014.

## CERTIFICATES

- 1- A certificate from British Microbiology Research Journal for reviewing the manuscript titled: “Effect of different growth media and physical factors on biomass production of *Trichoderma viride*”. Ref. No.: SDI/HQ/PR/Cert/2014/BMRJ/14814 /C1. (4-4--2014).
- 2- A certificate from American Journal of Experimental Agriculture for reviewing the manuscript titled: “Mycelia growth and sporulation of

*Phytophthora colocasiae* isolates under selected conditions. Ref. No.: SDI/HQ/PR/Cert/2014/AJEA /10028/C1. (19-11-2014).

- 3-** A certificate from The American Academy of Environmental Medicine for the a conference participation in the live activity titled: “INTEGRATIVE SOLUTIONS FOR 21ST CENTURY MEDICINE” at the embassy suites hotel and spa, Albuquerque, New Mexico, USA on October 23-26, 2014 and awarded JAMES W. WILLOUGHBY, D.O. Continuing Medical Education Chair 1 14 AMA PRA Category 1 Credits (S)TM

## SCIENTIFIC ORGANIZATION

### Membership of the following scientific organizations:

- 1- Egyptian Organization of Plant Pathology.
- 2- General Egyptian Organization of Mycology.
- 3- Egyptian Syndicate of Science Professions.
- 4- A Global Indoor Health Network (GIHN) member.
- 5- A Marquis Who is Who in the world, 31<sup>st</sup> Edition, 2014 member.
- 6- A musical Profession Syndicate member.

## HOBBIES

- Music Player on Piano, Organ and Lud instruments and soloist singer of Arabic Music Troup in Egyptian Opera House for about 15 years.
- Researching on different scientific topics.