



CV format : Rashed Zaghloul

PERSONAL DATA

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Full names	Rashed Abd El-Fattah Mohamed				
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Gender	Female <input type="checkbox"/> Male <input checked="" type="checkbox"/>				
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Date of birth	Day 21	Month Fbr	Year 1964	Place of birth	Moshtohor , Tukh, Qalubia, Egypt

EDUCATION

School/College/University/	Degree obtained	Dates (from-to)
Faculty of Agriculture, Department of Microbiology, Zagazig University	PhD.	From 1993 to 2000
Faculty of Agriculture, Department of Microbiology, Zagazig University	M.Sc.	From 1990 to 1993
Faculty of Agriculture, Department of Soil Science and Chemistry, Zagazig University	B.Sc	From 1986 to 1990

TRAINING

Training attended / Technical skills acquired	Place	Dates (from-to)
computer courses (BASIC – Windows)	Cairo University	From 3 / 7–11/8 / 1988
University teacher preparation	Faculty of Education – Benha University	From 20–31/10/1990
English course(General)	Faculty of Arts – Ain Shams University	From 22/10– 19/12, 1990
English course(Agriculture)	Faculty of Arts – Ain Shams University	From 9 / 2 – 10 / 3 / 1990)
Ethics and Professional Ethics	FLDP, Benha University	From 8 – 9 / 12 / 2004
Making Decisions and Solving Problems	FLDP, Benha University	From 14 – 16/12 / 2004

Legal Aspects	FLDP, Benha University	From 11 – 13 / 6 / 2005
Financial Aspects of The Universities	FLDP, Benha University	From 13 – 15 / 2 / 2006
The preparation of courses electronically	FLDP, Benha University	
Training of Supervisors Executives	FLDP, Benha University	23/2/2009
Preparation of internal auditors in the first part	FLDP, Benha University	From 24–25/6/2009
Self evaluation for institutions of higher education	NAQAAE	From 13–17 March 2010
External reviewer for institutions of higher education	NAQAAE	From 20–24 March 2010
Electronic control	ICTP	December 2013
Strategy plane for institutions of higher education	NAQAAE	From 4–5 February 2014
Information technology and communications		
Concepts of information technology	FLDP, Benha University	From 3–5/6/ 2006
Using computers and Managing files	FLDP, Benha University	From 10–12/6 /2006
Word Processing	FLDP, Benha University	From 17–19/6/ 2006
Spreadsheets	FLDP, Benha	From 24–26/6 /2006

	University	
Database	FLDP, Benha University	From 18-20/7 /2006
Information and communication	FLDP, Benha University	From 8-10/8 /2006
Introduction to PC Maintenance and protecting	FLDP, Benha University	From 11-13/9 /2006
Presentations	FLDP, Benha University	From 1-3/8/ 2006

EMPLOYMENT HISTORY

Employer	Position	Dates (from-to)
Faculty of Agric. at Moshtohor Zagazig University	Professor of Agricultural Microbiology	2005 to now
Faculty of Agric. at Moshtohor Zagazig University	Assistant Professor of Agricultural Microbiology	2000-2005
Faculty of Agric. at Moshtohor Zagazig University	Lecturer of Agricultural Microbiology	1993-2000
Faculty of Agric. at Moshtohor Zagazig University	Assistant lecturer of Agricultural Microbiology	1990-1993
Faculty of Agric. at Moshtohor Zagazig University	Demonstrator of Agricultural Microbiology	1986-1990

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Professional body	Level of membership	Dates (from-to)
Society of Applied Microbiology	Member	From 1990 to Now
Society of Egyptian Botany	Member	From 1990 to Now
Society of Egyptian environment	Member	From 2005 to Now

FIELDS OF INTEREST

Areas of research

1-Supervising and discuss 30 Master and Ph.D. Thesis in Agricultural Microbiology

2-Supervising (in progress) 22 Master and Ph.D. Thesis in Agricultural Microbiology.

3-Check and Discuss 35 Master and Ph.D. Thesis in Agricultural Microbiology

Have a number of 67 research and deployed in specialized scientific journals, which have addressed the following research areas:

- a) Using of microorganisms in the production of biological substances have vital role in the industrial technology.**
- b) Interesting to Biofertilization to control of some pathogenic bacteria.**
- c) Interesting in the development of the efficiency of some bacterial strains for use in the field of industrial microbiology.**
- d) Using of certain microorganisms in the field of Bioremediation of soil contaminated by pesticides.**
- e) Using of microorganisms in the production of some vital materials such as hormones and enzymes.**

PUBLICATIONS

List of publications

1- Influence of wheat inoculation with Mycorrhizal fungi, phosphate solubilizing bacteria and Azospirillum on its growth and soil fertility.

Zaghloul, R.A.; Mostafa, M.H. and Amer, A.A.

Annals of Agric. Sci., Moshtohor, Vol. 34 (2): 611-626, 1996.

2- Efficiency of some organic manures and biofertilization with *Azospirillum brasilense* for wheat manuring.

Zaghloul, R.A.; Amer, A.A. and Mostafa, M.H.

Annals of Agric. Sci., Moshtohor, Vol. 34 (2): 627-640, 1996.

3- Interaction effect of rhizobial inoculation on viral and fungal infection in broad bean (*Vicia faba* L.).

Zaghloul, R.A. and Abd El-Mageed, M.H.

Annals of Agric. Sci., Moshtohor, Vol. 34 (4): 1605-1629, 1996.

4- Interaction between virus infection and fungal disease in bean plants (*Phaseolus vulgaris*):

II- Efficiency of mycorrhizal inoculation on effectiveness of bean common mosaic virus (BCMV) and *Rhizoctonia solani*.

Abd El-Mageed, M.H. and Zaghloul, R.A.

8th Congress of Egyptian Phytopathol. Soc., pp. 39-58, Cairo, 1997.

5- Response of sorghum to inoculation with *Azospirillum*, organic and inorganic fertilization in the presence of phosphate solubilizing microorganisms.

Neweigy, N.A.; Ehsan A. Hanafy; Zaghloul, R.A. and El-Sayeda, H. El-Badawy.

Annals of Agric. Sci., Moshtohor, Vol. 35 (3): 1383-1401, 1997.

6- Effect of seed treatment with fungicide (Ridomil) combined with rhizobial inoculation on root-rot disease and growth of faba bean plants.

Zaghloul, R.A.

Annals of Agric. Sci., Moshtohor, Vol. 35 (4): 2117–2128, 1997.

7– Effect of biofertilization and biological control on growth and chemical constituents of volkamariana seedlings.

Gendiah, H.M. and Zaghloul, R.A.

Annals of Agric. Sci., Moshtohor, Vol. 35 (4): 2303–2325, 1997.

8– Effect of mycorrhizal inoculation and phosphatic fertilization on damping–off and root–rot disease of sour orange.

I– The effect on disease severity, microbial counts, phenols and carbohydrates content.

Abd El–Mageed, M.H.; Gendiah, H.M. and Zaghloul, R.A.

Zagazig J. Agric. Res., Vol. 25 No. (6): 975–990, 1998.

9– Effect of mycorrhizal inoculation and phosphatic fertilization on damping–off and root–rot disease of sour orange.

II– Growth characters, chemicals analysis and colonization intensity with mycorrhizae.

Gendiah, H.M.; Zaghloul, R.A. and Abd El–Mageed, M.H.

Zagazig J. Agric. Res., Vol. 25 No. (6): 1145–1155, 1998.

10– Inoculation efficiency of rice plants with Azolla as a biofertilizers in the presence of different levels of phosphorus.

Hanafy, Ehsan, A.; N.A. Neweigy; R.A. Zaghloul and El–Sayed–Badawy, H.E.

Arab Univ. J. Agric. Sci., Ain–Shams Univ., Cairo, 6 (1): 49–76, 1998.

11– Biofertilization and organic manuring efficiency on growth and yield of caraway plants (*Carum carvi* L.).

El–Khyat, A.S. and Zaghloul, R.A.

Annals of Agric. Sci., Moshtohor, Vol. 37 (2): 1379–1397, 1999.

12- Effectiveness of dual inoculation with *Azospirillum* and phosphate solubilizing microorganisms on growth and yield of *Zea mays* L.

Zaghloul, R.A.

Zagazig J. Agric. Res. Vol 26 No. (4): 1005–1025, 1999.

13- Biogas production from Jew's mallow processing wastes and cattle dung using batch feeding system.

Hanafy, Ehsan, A.; Estefanous, A.N.; Zaghloul, R.A. and El-Akshar, Y.S.

Proceedings of the tenth microbiology conference, Cairo, Egypt, (pp. 263–278) 11–14 Nov. 2000.

14- Biogas production from Artichoke processing wastes by using semi-continuous feeding system.

Zaghloul, R.A.; Estefanous, A.N.; Hanafy, Ehsan, A. and El-Akshar, Y.S.

Proceedings of the tenth microbiology conference, Cairo, Egypt, (pp. 279–294) 11–14 Nov. 2000.

15- Growth and yield of maize plants as affected by *Azospirillum* inoculation in presence of different nitrogen sources.

Zaghloul, R.A.

Annals of Agric. Sci., Moshtohor, Vol. 39 (4): 2001.

16- Effect of dual inoculation (VA-mycorrhizae and *Rhizobium*) and zinc foliar application on growth and yield of mungbean.

Zaghloul, R.A.; M.A. El-Ghozoli and S.A.S. Mehasen.

Arab Univ. J. Agric. Sci., Ain-Shams Univ., Cairo, 10 (2): 2002.

17- Effectiveness of dual inoculation with *Bradyrhizobium* and Endomycorrhizae in presence of different phosphatic fertilizer sources on growth and yield of soybean.

Mehasen, S.A.S.; Zaghloul, R.A. and M.A. El-Ghozoli.

Arab Univ. J. Agric. Sci., Ain Shams Univ., Cairo, 10 (2): 2002.

18– Biofertilization and organic manuring efficiency on growth and yield of potato plants (*Solanum tuberosum* L.).

Zaghloul, R.A.

Proceeding of 2nd Conf. “Modern Trends in Agriculture” Cairo University, 28–30 October, 2002.

19– Influence of biofertilization with bradyrhizobium and phosphate solubilizing bacteria and micronutrients application on growth and yield of soybean.

Zaghloul, R.A. and H.E. Abou Aly.

Annals of Agric. Sci., Moshtohor, Vol. 40 (2): 2002.

20– Efficiency of some isolated soil microorganisms for carbofuran pesticide degradation.

Rahal, A. Gh.; Ehsan, A. Hanafy; Zaghloul, R.A. and Lobna, A. Moussa.

Proceedings of 11th Microbiology Conf. Cairo, Egypt. Oct. 12–14; 2003, pp. 1–16.

21– Bioremediation of the polluted soil with carbamate pesticides by *Streptomyces violaceusniger* or/and *Azospirillum brasilense*.

Zaghloul, R.A.; Ehsan, A. Hanafy; Rahal, A. Gh. and Lobna, A. Moussa.

Proceedings of 11th Microbiology Conf. Cairo, Egypt. Oct. 12–14; 2003, pp. 17–33.

22– Biodegradation of some organophosphorus pesticides by soil microorganisms.

Zaghloul, R.A.; El-Housseiny, T.M.; Ehsan, A. Hanafy; Rahal, A. Gh. and Abdel-Rahman, H.M.

**Proceedings of 2nd International Scientific Congress for Environment.,
South Valley Univ., 28–30 March (2006); pp. 433–461.**

23– Microbial and chemical quality of retailed sausage and antimicrobial effect of essential oils or lactic acid bacteria against foodborne pathogens.

Abou–Aly, H.E.; Zaghloul, R.A.; Neweigy, N.A.; Gad, M.R.A. and Ghonaimy, G.A.

Proceedings of 12th Microbiology Conf., Cairo, Egypt, 18–20 March (2007).

24– Improvement control of pathogenic bacteria in fermented and non fermented sausage using lactic acid bacteria or essential oils.

Abou–Aly, H.E.; Neweigy, N.A.; Zaghloul, R.A.; Gad, M.R.A. and Ghonaimy, G.A.

Proceedings of 12th Microbiology Conf., Cairo, Egypt, (2007).

25– Application of biofertilization and biological control for tomato production.

Zaghloul, R.A.; Hanafy, Ehsan, A.; Neweigy, N.A. and Khalifa, Neamat,A.

Proceedings of 12th Microbiology Conf., Cairo, Egypt, (2007).

26– Efficiency of some soil microorganisms in degradation of diazinon pesticide.

Rahal, A.Gh.; Zaghloul, R.A.; Hanafy, Ehsan, A.; El–Housseiny, T.M. and Abdel–Rahman, H.M.

Proceedings of 12th Microbiology Conf., Cairo, Egypt, (2007).

27– Efficiency of soil inoculation with growth regulators producing microorganisms on some enzymes activity (2008).

Zaghloul, R. A ; Ehsan A. Hanafy ; A. GH. Rahal ; N. A. Neweigy and Rasha, M. El–Meihy

Third international scientific conference for environment south valley
Univ. Egypt, November 2008.

28- Effectiveness of bio- control agents against tomato soil borne
pathogens.

Zaghloul, R.A.; Hanafy, Ehsan, A.; Neweigy, N.A. and Khalifa,
Neamat,A.

Third environment conference, Fac. of science, Zagazig Univ., 2008;
123-142.

29- Improvement of the efficiency of acacia and prosopis for
controlling shifting and using bio and mineral nitrogen fertilization
(2006)

Draz, M.Y.; Zaghloul, A.K. and Zaghloul, R. A.

Annals of Agric. Sci., Moshtohor, 44(3): 937-453 (2006).

30- Interaction between biofertilization and organic manuring on
macronutrients uptake and essential oil of marjoram

Zaghloul, R. A. ; T. M. El-husseiny ; Ehsan A. Hanafy; A. GH. Rahal
and Abdelrahman, H. M. A.

The thirteenth Microbiology Conf., Cairo, Egypt, 14 – 16 March (2010)

31- The best environmental conditions for the plant growth regulators
production by bacteria .

Rahal, A. GH. ; R. A. Zaghloul ; N. A. Neweigy; Ehsan A. Hanafy1 and
Rasha, M. El-Meihy

The thirteenth Microbiology Conf., Cairo, Egypt, 14 – 16 March (2010)

32- Convenient carbon source and precursor substances for improving
the growth regulators production by plant growth promoting
rhizobacteria

Rahal, A. GH. ; R. A. Zaghloul; N. A. Neweigy; Ehsan A. Hanafy and
Rasha, M. El-Meihy

The thirteenth Microbiology Conf., Cairo, Egypt, 14 – 16 March (2010)

33– Interaction effect between growth regulators producing bacteria root-rot fungi on tomato growth plants

Zaghloul, R. A.; Ehsan A. Hanafy ; A. GH. Rahal ; N. A. Neweigy and Rasha, M. El-Meihy

The thirteenth Microbiology Conf., Cairo, Egypt, 14 – 16 March (2010)

34 – Effect of carbon source and precursors on the production of plant growth regulators by *A. chroococcum* (R19) and *B. megaterium* var. *phosphaticum* (R44) (2010) .

Rahal, A. GH.; R. A. Zaghloul; N. A. Neweigy; Ehsan A. Hanafy and Rasha, M. El-Meihy.

35--Interaction between growth regulators producing bacteria and root-rot fungi on tomato growth.

Zaghloul, R. A.; Ehsan A. Hanafy ; A. GH. Rahal; N. A. Neweigy and Rasha, M. El-Meihy.

36–Assessment of plant growth promoting rhizobacteria activity under saline stress.

Ahmed, Gh. Rahal; Ehsan, A. Hanafy; Rashed, A. Zaghloul; Hamed, E. Abou-Aly; Rasha, M. El-Meihy.

Annals of Agric. Sci., Moshtohor , Vol. 49(2) (2011), 123– 133.

37–Using plant growth promoting rhizobacteria for improving tomato growth under saline stress.

Zaghloul, R. A. ; Ehsan, A. Hanafy; H. E. Abou-Aly; A. GH. Rahal; Rasha, M. El-Meihy

First International Conference on Biotechnology Application in Agriculture, 18–22 February, pp 43–51, 2012.

38– Colonization of pepper roots with salt-tolerant PGPR as an inducer

for saline stress.

Abou-Aly, H. E.; R. A. Zaghloul; Ehsan, A. Hanafy; A.GH. Rahal;
Rasha, M. El-Meihy

Annals of Agric. Sci. Ain-Shams Univ., PP 423–430 March 2012.

39– Effect of salt-tolerant PGPR on the activity of some microbial and
plant enzymes under saline stress.

Hanafy, Ehsan, A.; R. A. Zaghloul; Abou-Aly, H. E.; A. GH. Rahal;
Rasha, M. El-Meihy.

40–Isolation and identification of cellulases producing thermophilic
bacteria and their ability to produce xylanase enzymes

Ehsan, A. Hanafy; Rashed, A. Zaghloul; Hamed, E. Abou-Aly;
Alshaymaa, E. Ahmed

Annals of Agric. Sci., Moshtohor, Vol. 49(4) (2012), 455– 461.

41–Increasing the efficiency of *Tamarixaphylla* for
sandunes stabilization using plant growth promoting microorganisms.

Zaghloul, A.K. and R.A. Zaghloul

Egyptian Journal of applied Science, Vol.(47), No, 7B:498–516. 2012).

42–Evaluation of the microbiological quality of street-vended juices
sold in great Cairo–Egypt.

Mostafa A. El-Shenawy, Naseem A. Neweigy, Rashed A. Zaghloul, Hamed
A. Abou-Aly, Raouf K. El-Dairouty, Wagih. el-
Kholy, Mohammed T. Fouad, Soriano J.M and J. Manes.

Journal of Food Industries and Nutrition Sciences (3) 1: 69–80(2013).

43–Listeria spp and Enterobacteriaceae group in sandwiches of meat
and meat products(2014).

Rashed, A. Zaghloul, Mostafa A. El-Shenawy, Naseem A. Neweigy,
, Hamed, A. Abou-Aly, Raouf K. El-Dairouty, Wagih. el-
Kholy, Mohammed T. Fouad, Soriano J.M and J. Manes.

British Microbiology Research Journal4(4):360–368.

44–Maximization of chitosan production by *Aspergillus niger* on different culture conditions(2014).

Abou–Aly,H.E; Zaghloul, R.A; El–Housseini , T,M ; Ghonaimy,G.A; Ashry, Noha,MA
Annals of Agric. Sci.Ain–Shams Univ., 24–27 March ,2014, pp(299–307).

45–Enhancement of culture conditions for chitosan production by *Rhizopusnigricans*(2014) .

Zaghloul,R.A; Abou–Aly, H.E;El–Housseini , T,M ; Ghonaimy,G.A; Ashry, Noha,M

Annals of Agric. Sci.Ain–Shams Univ.,24–27 March ,2014pp(309–318).

46–Effect of biofertilization and organic manuring on growth performance and chemical composition of tomato under saline stress(2014).

Zaghloul, R.A ;Rahal, GH.A.; Abou–Aly, H.E.; Hanafy, Ehsan, A. and El–Meihy, Rasha, M.

Annals of Agric. Sci.Ain–Shams Univ., 24–27March ,2014,pp(289–298).

47–Nematicidal activity of some biocontrol agents against root–knot nematodes *in vitro*(2015).

Zaghloul, R. A. ; N. A. Neweigy;H. E. Abou–Aly; S. A. El–Sayed and A. M. Bahloul

Research Journal of Pharmaceutical ,Biology and Chemical Sciences.

Vol. 6(1): pp, 429– 438.

48–Evaluation of some biocontrol agents against soil pathogenic fungi (2015).

Abou–Aly, H. E.;R. A. Zaghloul;Neweigy, N. A. ; S. A. El–Sayed and A. M. Bahloul.

Research Journal of Pharmaceutical ,Biology and Chemical Sciences.

Vol. 6(1): pp, 439– 448.

49–Antagonistic activity of *Bacillus subtilis* B38 and *Pseudomonas fluorescens* B103 against root–rot and wilting fungi in tomato.

Zaghloul, R. A. ; H. E. Abou–Aly; N. A. Neweigy;S. A. El–Sayed and A. M. Bahloul.

2nd Minia International Conference for Agriculture and Irrigation in the Nile Basin Countries,23rd –25th March 2015, El–Minia, Egypt.

50– Suppressionof root–knot nematode (*Meloidogyne incognita*) activity in tomato using biocontrol agents.

Abou–Aly, H. E.; R. A. Zaghloul; N. A. Neweigy; S. A. El–Sayed and A. M. Bahloul.

2nd Minia International Conference for Agriculture and Irrigation in the Nile Basin Countries,23rd –25th March 2015, El–Minia, Egypt.

51–Improvement of Growth and Yield of Pea Plants Using Integrated Fertilization Management.

Zaghloul R.A. ; H.E. Abou–Aly , Rasha M. El–Meihy , Mohamed.Talat. El–Saadony

**Universal Journal of Agricultural Research 3(4): 135–143, 2015
<http://www.hrpub.org> DOI: 10.13189/ujar.2015.030404.**

52–Production of chitosan by *Aspergillus niger* and *Rhizopus nigricans* using surface and submerged fermentation methods.

Zaghloul, R.A ; Abou–Aly, H.E ; El–Housseiny,T. M; Ghonaimy,G.A and Ashry, Noha,M .

Egyptian Journal of Microbiology , Novamber,2015 No(1).

53– Antibacterial activity of fungal chitosan and some preservatives against some foodborne pathogenic bacteria

Egyptian Journal of Microbiology , June ,2015 No(1).

Zaghloul, R.A ; Abou–Aly, H.E ; El–Housseiny,T. M; Ghonaimy,G.A and Ashry, Noha,M .

Egyptian Journal of Microbiology , June ,2015 No(1).

54–Economic return of garbage recycling in Qalubia Governorate(2015).

El–sestawy,M.S; Zaghloul, R.A;Gado,E.H.and Bedeer, N.G

- Annals of Agric. Sci., Moshtohor, Vol. 53(2):(321–332) (2015).**
- 55–Comparison of Antibacterial Activity of Fungal Chitosan and Some Preservatives Against Some Foodborne Pathogenic Bacteria.**
- Zaghloul, R.A. H.E., Abou–Aly, T.M., El–Housseiny, G.A. Ghonaimy and Ashry, Noha, M.**
- Egypt. J. Microbiol. 50, pp: 31–42.2015**
- 56–Microbial contamination of some cosmetics and personal care in Egypt.**
- Zaghloul, R.A ; Abou–Aly, H.E.; Hanafy, Ehsan, A. and M.A.Emam.**
- Egypt. J. of Applied Scie.30(11):424–433, 2015.**
- 57–Effect of some essential oils on microbiological quality of cosmetics products.**
- Zaghloul, R.A ; Abou–Aly, H.E.; Hanafy, Ehsan, A. and M.A.Emam.**
- Egypt. J. of Applied Scie.30(11):434–452, 2015.**
- 58–Incidence of some epidemiologically relevant food–borne pathogens in street–vended sandwiches.**
- Moustafa A. El–Shenawy, Rashed A. Zaghloul, Ibrahim H.Abbass, Amira.Esmail and Mohamed T. Fouad.**
- Research Journal of Pharmaceutical, Biological and Chemical Sciences.2016 , 7 (2) pp:468–474.**
- 59–Influential Cooperation between Zeolite and PGPR on Yield and Antimicrobial Activity of Thyme Essential Oil(2016).**
- R. A. Zaghloul, Y. F. Y. Mohamed and Rasha M. El–Meihy.**
- International Journal of Plant & Soil Science 13(1): 1–18, 2016.**
- 60–Isolation and identification of rhizobial strains from faba bean nodules(2016).**
- Zaghloul, R.A ; Abou–Aly, H.E; Abdelrahman, H. M.;Abotaleb,H.A and Mona ,H.A,Hussein.**
- Annals of Agric. Sci., Moshtohor, Vol. 54(3) (2016), 591–600.**
- 61– Characterization of Endophytic Bacteria Isolated from Legumes and Non–Legumes Plants in Egypt (2016).**
- JOURNAL OF PURE AND APPLIED MICROBIOLOGY, March 2016. Vol.**

10(1), p. 277–290

Rashed A. Zaghloul, Hamed E. Abou–Aly, Taha A.Tewfike* and Noha M. Ashry

62– Production of chitosan by surface and submerged fermentation from *Aspergillus niger* and *Rhizopus nigricans* (2017).

Zaghloul, R.A; Abou–Aly, H.E;El–Housseiny,T. M;Ghonaimy,G.A and Ashry, Noha,M.

The 7th International Conference of Sustainable Agricultural Development, El–Fayum, Egypt, 6 – 8 March (2017).

63–Potential of *Azotobacter salinestris* as plant growth promoting rhizobacteria under saline stress conditions (2017).

Rashed,A.Zaghloul;Omer,Amal.M;Hassan,M.Emara;Mohamed,O. Abdel–Monem andGhada, E. Dawam.

Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2017 , 8 (1).

64–Application of biofertilization and biological control for cowpea production (2017).

Annals of Agric. Sci., Moshtohor, Vol. 55(2) (2017), 271 –286

Zaghloul, R.A.; Abou–Aly, H.E.; Abdel–Rahman, H.M.1and Hassan, M.A.

65– Effectiveness of endophytic bacteria combined with micronutrients on growth characteristics and productivity of faba bean (2018).

Zaghloul, R. A.; Abou–Aly, H.E.; Tewfike, T.A. and Ashry, Noha, M.

The 8th International Conference of Sustainable Agricultural Development, El–Fayum, Egypt, 5 – 7 March, (2018).

66–Microbiological and physicochemical evaluation of River Nile (Rosetta branch) (2018)..

Amina E. Soliman, Rashed A. Zaghloul, Rasha M. El–Meihy, Ehsan, A. Hanafy, Hatem M. Ali.

4thInternational Conference on Biotechnology Applications in Agriculture, 4–7 April 2018, pp:217–226, Hurghada, Egypt. Organized by Faculty of Agriculture, Benha University, Egypt.

67–Evaluation of biological activities for salt–tolerant plant growth promoting rhizobacteria using different microbial carriers (2018).

Hoda, R.A. El–Zehery, Zaghloul, R. A, Salem, A.A., Abdel–Rahman, H.M. and Enas, A. Hassan.

4th International Conference on Biotechnology Applications in Agriculture, 4–7 April 2018, pp:243–252, Hurghada, Egypt. Organized by Faculty of Agriculture, Benha University, Egypt.

Thesis

A–Supervision and checking

1– Microbiological studies on nitrogen fixation (1997).

2– Microbiological studies on some pickles (1998).

3–Microbiological studies on anaerobic digestion of solid and liquid wastes (2000)

4–Microbiological studies on soil pollution with some carbamate pesticides (2001).

5– Microbiological studies on microbial spoilage control of some foods (2004).

6– Biodegradation of some pesticides by soil microorganisms (2004).

7– The application of biofertilization and biological control for tomato production (2005).

8– Microbiological studies on the bacterial and fungal contamination under strawberry tissue culture conditions (2007).

9– Efficiency of some microorganisms in production of some plant growth stimulating substances (2007).

10– Biofertilization and micro–elements spraying efficiency on growth and yield of lupine plants(2009).

11– Bio–organic farming efficiency on yield and quality of some medicinal plants.(2009)

12– Microbiological studies on microbial contamination for water in dakhlia governorate (2010) .

13 –Increasing the effectiveness of growth promoting microorganisms to improve vegetable crops productivity under saline stress(2011).

- 14- Microbiological studies on the contamination of certain cosmetics products by microorganisms(2012).
- 15-Effectiveness of inculcation with thermophilic microorganisms on compost maturity acceleration(2012).
- 16- Evaluation of some yeast strains for single cell protein production(2012).
- 17- Microbial safety and risk factors of street-vended dairy products and ready-to eat foods(2013) .
- 18- Production of biocides for using in quality improvement of some vegetable crops(2013).
- 19-Microbiological studies on chitosan production by microorganisms (2013).
- 20- Garbage recycling economics in Egypt (2015).
- 21-Application of biofertilization and foliar feeding in pea production(2015).
- 22-Study the incidence of some pathogenic bacteria in ready- to- eat foods(2016).
- 23-Effectiveness of biofertilizers for productivity improvement of some leguminous crops (2017).
- 24- Applications of growth promoting rhizobacteria under saline stress(2017).
- 25-Application of biofertilization and biological control for Cowpea production (2017).
- 26- Application of endophytes as a biofertilizer for growth and quality improving of vegetable crops (2017).
- 27-The training requirements of agricultural engineers in the field of integrated system for recycling agricultural wastes Qaliubia province (2017).
- 28-Microbiological studies on inhibition of food-borne pathogens using biological and chemical agents(2017).
- 29-Microbiological and chemical evaluation of River Nile water (Rosetta branch) 2018.

30–Efficiency improvement of plant growth promoting rhizobacteria under saline stress conditions (2018).

B– Checking and Discussion

1–Biofertilization and its effect on nitrogen use efficiency(2002).

2–Studies on the microbial pollution indicators in water(2006).

3–Effect of biofertilizers application on the productivity of *Nigella sativa* cultivated in desert sandy soils and efficiency of produced seeds against some pathogenic microorganisms(2006).

4–Study for monitoring pathogenic microorganisms in canned foods(2013).

5–Microbial studies on pathogenic microflora of drinking water supply in and around Benha city(2013).

6–Biological ,serological and molecular studies on Baculovirus isolated from *Heliothis armigera* (2014).

7–Microbial production of levan using agricultural wastes and by products(2014).

8–Symbiotic effect of sulphur oxidizing bacteria and mycorrhizal fungi on some field crops (2014).

9–Antimicrobial effect of some organic sulfonamide compounds on some microorganisms(2014).

10– Effect of water pollution on some cultivated plants and treatment in Sharkia governorate(2014).

11–Virological studies on potato plants infected with PVY (2014).

12–Physiological studies on tomato plant infected with Tomato Yellow Leaf Curl Virus(2015).

13–Using integrated management system for improvement of olive crop productivity and controlling fruits decay in Egypt (2015) .

14–Studies on the impact of diazotrophic cyanobacteria on soil properties and plant growth.(2015)

15.Microbial fermentation to improve elements availability of some rocks for agricultural applications.

16–Characterization of nitrogen fixing cyanobacteria in sandy and alluvial (clay– loamy) Egyptian.

17–Studies on biocontrol agents and genetic diversity of selected fluorescent pseudomonad's for combating pathogenic microorganisms(2015).

18 –" Bio–agents production from soil bacteria(2015) .

19 –Microbiological studies on some traditional food products (2016).

20– Biological treatment of some waste waters " (2016) .

21–“Microbiological and ecological studies on the activity of Cyanobacteria in different types of soil” (2016).

22–Microbiological studies on some traditional food products (2016).

23–Bioremediation of Contaminated Soil with Petroleum Hydrocarbons(2016).

24–Evaluation of some bio–agents and biofertilizes for controlling some plant diseases(2016).

25–Soil healthy evaluation as a result of using gaseous ammonia at different time periods(2016).

26– Production of biogas and organic manure from fruits and vegetables wastes using anaerobic digestion system (2016).

27–Efficiency of phage therapy against Pectobacterium carotovorum that caused soft rot on potato tubers(2017).

28–Biocontrol of clinical bacteria infecting urinogenital system by probiotics (2017).

29–Studies on Lactic Acid bacteria isolated from different sources (2017).

30–Study of microbiological hazards in raw milk cheese and application of hazard analysis critical control point (HACCP) system (2017).

31–Production, purification and characterization of E. coli endotoxins

isolated from the different Egyptian marine environments (2017).

32–Studies on phages of Gram negative bacteria isolated from Egypt (2017).

33–Remediation of some pollutants contaminated River Nile water (2017).

34–Evaluation of some microorganisms as potential heavy metals bioremoval agents (2018).

35–Evaluation the performance of isolated bacteria from soil in inducing acquirer resistance(2018).

C– Supervision (Progress in study)

1–Optimization of lactic acid production by some bacterial strains,2014.

2– Probiotics application for controlling of food–borne pathogens,2015.

3– Microbiological studies on antibiotics production by Streptomyces,2015.

4–Effect of some plant extracts on pathogenic microorganisms in some cosmetics,2015.

5–Microbiological studies on post–harvest diseases in citrus,2015.

6–Applications of organic farming for increasing of some vegetables crops productivity,2015.

7–Microbiological studies on drinking water pollution in Qaluibia governorate,2015.

8–Response of some vegetable crops to PGPR inoculation under drought stress,2015.

9–Integrated effect between Nano – chitosan and some essential oil on some food borne pathogens,2016.

10– Microbiological studies modern techniques in food preservation,2016.

11–Microbiological studies on using of some botanical extracts as antibiotics,2016.

12–Comparative study on using of mites and bio– control agents for controlling some soil borne diseases,2017.

13–Microbiological studies on resistant pathogenic bacteria for

Antibiotics in foods,2017.

14–Application of Nano–Iron technology for sewage water treatment,2017.

15–Biofertilization of chickpea through inoculation with irradiated/ non–irradiated Rhizobium and Streptomyces,2017.

16–Bioremediation of some industrial liquid wastes,2017.

17–Proteases characteristics produced by microorganisms,2018.

18–Molecular characterization and in vivo evaluation of the probiotics Lactobacillus casei NM512 and Enterococcus faecium NM113 with regard to their immunomodulatory functions and bio–active components,2018.

19–Microbiological studies on cellulase production2016.

20– Microbiological studies on modern techniques for drainage water treatment,2018.

21– Microbiological studies on modern techniques for chicken and their products preservation,2018.

22– Production of bio– surfactants by Microorganisms,2018.

PRESENTATIONS

Workshops, Symposiums and Conferences

1–French –Egypt symposium "Nitrogen fixation with cereal crops" 26–28 September 1994, International Agriculture Center, Dokki, Egypt.

2–Work shop "New trends for isotopes and radiation uses in modern technology". 27–30 November 1999, Middle east center for isotopes.

Ninth conference of microbiology, 25–27 March 1997.

3–International symposium on biological nitrogen fixation and relation of crops production, 11–13 May 1999.

4–Tenth conference of microbiology, 12–14 November 2000 (Participate with by research).

5–Sixth scientific conference, held at national organization for drug and research control, 23–25 March 2002.

Scientific symposium , benefiting from agricultural residues, 19 May 2002.

6–Scientific symposium "integrated control for post harvest diseases" 23–24 June 2002, International Agriculture Center, Dokki, Egypt.

7–Second conference for modern techniques in agriculture, Cairo Univ.,28–30 October 2002(Participate by one research) .

8–Eleventh conference of microbiology, 12–14 October 2003(Participate by two research) .

9–Second conference for environment, South Valley Univ., 28–30 march 2006(Participate by one research).

10Twelfth conference of microbiology, 18–20 March 2007(Participate by four research) .

11–Third Scientific conference "Prospectives horizons for environment development" Zagazig Univ., Faculty of Science, 23–24 June 2008(Participate by one research).

12–Third international conference for environment, South Valley Univ., November 2008 (Participate by one research).

13–Fifth international conference of sustainable agriculture development, Fayoum Univ., 21–23 December 2009(Participate by one research).

14–Thirteenth conference of microbiology, 14–16 March 2010(Participate by four research).

15–First conference of Applications of Biotechnology in Agriculture,18–20 February 2012(Participate by one research).

16–Eleventh conference of Agricultural Development Research, 27–30 March, 2012(Participate by two research).

17–Twelfth conference of Agricultural Development Research, 24–27 March, 2014(Participate by three research).

18–The 2nd Minia International conference for Agriculture and irrigation in the Nile Basin countries ,23–25 March 2015(Participate by two research).

19– Seventh international conference of sustainable agriculture development, Fayoum Univ., 6–8 March 2017(Participate by one research).

20– Eighth international conference of sustainable agriculture development, Fayoum Univ., 5–7 March 2018(Participate by one research).

21–Fourth conference of Applications of Biotechnology in Agriculture,47–20 April 2018(Participate by one research).

- **Teaching the following courses for undergraduate students**

1–Principles of Agric. Microbiology (Agricultural Production Students).

2–Principles of Agric. Microbiology(Agricultural Engineering Students).

3–Principles of Agric. Microbiology (Agriculture and Education Students).

4–Soil Microbiology (Soil and Water Program Students) .

5–Biofertilizers(Botany production, Horticulture Program Students).

6–Applied Microbiology(Biotechnology Program Students).

7–Principles of Agric. Microbiology (Biotechnology Program Students).

8–Microbial taxonomy and Fermentation(Biotechnology Program Students).

9–Applied Microbiology(Food safety Program Students).

- **Teaching the following courses for postgraduate students**

Applied Microbiology – Recycling and reusing of wastes–

Biofertilizers– Taxonomy of bacteria– Physiology of bacteria–

Biological treatment – Biotechnology of microorganisms – Actinomycetes– Antibiotics– Microbial enzymes–Microbial toxins in foods and feeds– Serology and immunology –Microbiology of environment pollution– Pathogenic bacteria– Microbiology of water and sewage.

Prof.Dr.R.A.Zaghloul

Dean

Prof .of Agric.Microbiology

Prof.Dr: M.M.Iraqi