

SALWA MAHMOUD HELMY

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- E-mail: Dr.Salwa.Helmy.55@gmail.com
- Job Title: Professor of Microbiology, Fac. Vet. Med., KafrelSheikh University. Egypt.

PERSONAL INFORMATION

Name: Salwa Mahmoud Helmy Abd El-Hamid

Birthdate: 01/07/1955.

Place Of Birth: Tanta, Gharbia

Marital State: Married and have two sons and one daughter.

Address: 24 El-Helw with Ali Bak El-Kaber St.

PROFESSIONAL EDUCATION

- Bachelors of Veterinary Medical Science, Fac. of Veterinary Medicine, Zagazig University (May 1978).
- Master of Veterinary Medical Science (Microbiology), Faculty of Veterinary Medicine, Zagazig Univ., (1983). Thesis Title; "Studies on the enzymatic activities on some dermatophytes "
- Ph.D. of Veterinary Medical Science (Microbiology), Fac. of Veterinary Medicine, Zagazig Univ. (1989). Thesis title " Comparison of toxic products of fusarium species from different provinces in Egypt".
- Assistant professor of Microbiology, Faculty of Veterinary Medicine, Tanta University, (1994).
- Professor of Microbiology, Faculty of Vet. Med., Kafr ElSheikh, Tanta University (2001).

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PROFESSIONAL EMPLOYMENTS

- **Demonstrator** of Veterinary Microbiology, Fac. Vet. Med. Zagazig Univ. Egypt (1979-1983).
- **Assistant lecturer** of Veterinary Microbiology, Fac. Vet. Med. Zagazig Univ. Egypt (1983-1989).
- **Lecturer** of Veterinary Microbiology, Fac. Vet. Med. Zagazig Univ. Egypt (1989-1994).
- **Assistant professor** of Vet. Microbiology, Fac. Vet. Med. Tanta Univ. Egypt (1994-2001).
- **Professor** of Vet. Microbiology, Fac. Vet. Med. KafrElSheikh Tanta Univ. Egypt (2001- now).
- **Head** of Microbiology Department, Fac. Vet. Med. KafrElsheikh Tanta Univ. Egypt (2001- 2006).
- **Head** of Microbiology Department, Fac. Vet. Med. KafrElsheikh Univ. Egypt (2006- 2013).
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PRIMARY AREAS OF RESEARCH INTEREST:

- Microbiology.
- Laboratory diagnosis of Fungal infections in human and animals, and mycotoxins.

TEACHING PROFICIENCY

Teaching different courses of Microbiology for under and post graduate Veterinary medical students in the following Faculties:

- 1- *Fac. of Vet. Med., Zagazig University.*
- 2- *Fac. of Vet. Med., Tanta University,*
- 3- *Fac. of Vet. Med., Kafrelsheikh University.*
- 4- *Fac. of Vet. Med., Suez canal University.*
- 5- *Fac. of Vet. Med., Alexandria University.*
- 6- *Fac. Of Medicine, Tanta University.*
- 7- *Fac. Of Agriculture, Tanta University.*

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THESE COURSES INCLUDE:

- **General Microbiology.**
- **Bacteriology.**
- **Mycology.**
- **Immunology.**

SCIENTIFIC EXPERIENCES AND ACTIVITIES

A-LIST OF PUBLICATIONS

- 1- Menazei, M. Afaf and Helmy, M.salwa:- Some immunological observations on natural and experimental infection of ringworm in cattle. Egypt. J. App. Sci, 6(9), P. 366-374(1991).
- 2- Amin, E.N.; Mahmoud, T.M.; Abdel Galil, Y.; Helmy, M.Salwa; El-Naenaey, Y.S. And Youssef, M.H. :- Studies on the role of field rats as reservoir of some fungi in Sharkia Governorate. Egyption German Veterinary Medical Conference, Zagazig, 12-15 Nov., P.185-192, Vol. 20 No. 2,(1992).
- 3- Amin, E.N.; Mahmoud, T.M.; Abdel Galil, Y.; Helmy, M.Salwa; El Naenaey, Y.S. And Youssef, M.H.:- Investigation of the possible role played by field rats as reservoir host of some pathogenic bacteria in Sharkia Governorate. Egyption German Veterinary Medical Conference, Zagazig, 12-15 Nov., , Vol. 20 No. 2 P.209-218(1992).
- 4- Esmat,M.; El Naenaey, Y.S. And Helmy, M.Salwa:- Studies on Equine influenza “ Trials for isolation of viral agents” Egypt. J. App. Sci, 7(3), P.428-433 (1992).
- 5- Edress, M. Nariman; El Bouhy, M.Z. and Helmy, M. Salwa Clinicopathological studies on experimentally intoxicated rats with aflatoxins and the role of fish for its transmission. Egypt. J. App .Sci, 7(6), P723-733 (1992).
- 6- Shalaby, A. Nagwa And Helmy, M. Salwa:- Mycotic infection in commercial broiler chickens in middle Delts Egypt. Fifth scientific Conference, Fac. Vet. Med., Assiut University, 8-10 Nov., P.22-30 (1992).
- 7- Helmy, M.Salwa; Soliman, M.A. And El Faddl, A.Y. :- Some studies on an autbreak of candidiasis in broiler chickens at El Gasseim area in K.S.A. Fifth scientific Conference, Fac. Vet. Med., Assiut University, 8-10 Nov., P.37-42. (1992).

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- 8- Soliman, M.A.; El Megaly, D. and Helmy, M. Salwa:- Serological studies on Mycoplasmosis in chickens at El Gassiem area in K.S.A. Fifth scientific Conference, Fac. Vet. Med., Assiut University, 8-10 Nov., P. 106-111 (1992).
- 9- Ammar, M.A.; Abd El Mottelib, A. and Helmy, M. Salwa:- The incidence of mycoplasma in pleuropneumonia affected goats and the sheep at El Gassiem region K.S.A. 21st . Arab Veterinary Medical Congress, Cairo, 11-15 April, P. 43-51 (1993).
- 10- Soliman, M.A.; Tawfik, A.; M.A. and Helmy, M. Salwa:- Some studies on an outbreak of fowl pox in K.S.A. Egypt. J. App. Sci., 8(5) P.382-393. (1993)
- 11- Abdel Galil, Y.; Atia, A.; Helmy, M. Salwa; El Naenaey, Y.s. and Hamouda, A.:- Studies on the bacterial causes of early quail mortalities. Zag. Vet. J, 21 (3) P.547-557 (1993).
- 12- El Bouhy, A.M.Z.; Ali, A.and Helmy, M.Salwa :- Preliminary studies on aflatoxicosis in Nile Catfish(Clarias Lazera) and trials for detoxification of comtaminated food. Zag. Vet. J., 21(4) P.607-624. (1993).
- 13- Effect of aflatoxin in relation to protein levels on the survival and growth performance of fingerlings oreochromius niloticus. El Bouhy, A.M. Walla M. Abd El Razik ; Salwa, M.Helmy; Eleraky, W. And Saleh ,G. 2nd Vet.Med.Congress, Oct. 11-13, Fac Vet. Med, Zagazig University, P. 166-176 (1994).
- 14- Some studies on salmonella typhimurium infection in ducks at El Qassiem area in K.S.A. Soliman, A.M.; El-shahidy, M.S. and Helmy, Salwa M. Egypt J. Appl. Sci; 10 (2) P. 158-167 (1995).
- 15- Detection of rotavirus and coronavirus antigens and antibodies in neonatal cow and buffalo calves by different serological techniques. Hassan, H.B; Salwa, M.H. and abdel Saber, A.H. Beni. Suef Vet. Med. Res. 7 (1) P. 64-79 (1997).
- 16- Isolation and identification of certain fungi from salted grey mullets in Egypt. Salwa, M.H.;H.S. Nada and K.M. Khaled, Beni Suef Vet .Med. Res. 8(2) P. 315-331. (1998).
- 17- Investigation of the effectiveness of levamisole in therapeutic measures against saprolegiosis in oreochromis nilticus. Manal A. A.Essa; Samira S. Rezek and Salwa M.Helmy. 1st Sci.Cong. Beni-Suef Vet. Med. J. Vol.9 , NO 3-B P.713-725 (1999).
- 18- Comparative study on the influence of aflatoxin and ochratoxin on performance of broiler chicks. Salwa, M.H. Hegazi, S.M. Demet, O.and Oguz, H. J.Egypt. Vet. Med .Assoc 60(7) P. 201-209 (2000).
- 19- Effect of thiabendazole (Imaverol) on automatic broiler hatcheries. Salwa, M.H. ; El-Midany, S.A. and Nagwa, A.Shalaby. (2001). 2nd Inter. Sci. Conf. April 8-9: 2001 Fac. Vet .Med. Mansoura University, P. 329-334 (2001).
- 20- A study on the detoxification of aflatoxin in the chicks body. El- Banna, R.; Hegazi S.M. and Salwa, M.H. 25th Arab Vet. Med. Ass. 60 (3) P. 401-412 (2001).

B-Recent publications and thesis

Prevalence, virulence factors, and antimicrobial resistance profiles of Shiga toxin-producing Escherichia coli isolated from broiler chickens in Egypt	2023		
PHENOTYPIC CHARACTERIZATION OF SOME PATHOGENIC FUNGI ISOLATED FROM POULTRY AND THEIR SURROUNDINGS IN EL-GHARBIA GOVERNORATE, EGYPT.	2023		
Molecular Characterization of Antimicrobial Resistance of Vibrio Species Isolated from Fish in Egypt	2023		
Virulence genes and antibiotic resistance profile of Vibrio species isolated from fish in Egypt	2022		

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Assessment of blood and urine pregnancy associated glycoprotein1 (PAG1) in pregnant and aborted (type) Osseimi ewes.	2022		
Phenotypic and Molecular Characterization of Vibrio Species Isolated from Fish markets in Egypt	2021		
USING REAL-TIME POLYMERASE CHAIN REACTION TO STUDY THE EFFECT OF SALICYLIC ACID AND SODIUM CHLORIDE ON THE PYOCYANIN PRODUCTION OF Pseudomonas aeruginosa	2019		
Phenotypic and molecular identification of yeasts isolated from cultured tilapia (Oreochromis niloticus) in Kafrelsheikh province, Egypt.	2019		
CHARACTERIZATION OF CLASS 1 INTEGRONS AND SOME ANTIMICROBIAL RESISTANCE GENES IN Salmonella SPECIES ISOLATED FROM POULTRY IN EGYPT.	2019		
Molecular characterization of Staphylococci isolated from cattle with mastitis	2018		
MOLECULAR CHARACTERIZATION OF SOME GRAM-NEGATIVE BACTERIA ISOLATED FROM MILK	2018		
Molecular characterization of class 1 integrons and antibiotic resistance genes in Salmonella enterica isolated from chicken	2017		
Bacteriological and Molecular Studies on Some Pathogenic Bacteria: Isolated from Oreochromis Niloticus in Fish Farms	2016		
Isolation identification of methicillin resistant staphylococcus aureus (MRSA) from poultry meat and poultry products	2015	Ph.D	approval committee/Supervision
Studeis on bacterial causes of enteritis in chickens	2014	M.V.Sc	approval committee/Supervision
Salmonella enteritidis in eggs, colocal swab specimens and internal organs of duck	2014	M.V.Sc	approval committee
Molecular characterization of Staphylococcus aureus isolated from meat, milk and their product	2014	M.V.Sc	approval committee
Molecular characterization of shiga toxin producing Escherichia coli isolated from cattle	2014	M.V.Sc	approval committee
Rapid diagnosis of staphylococcus aureus in poultry by real time PCR	2014	M.V.Sc	approval committee
Advanced studies on yeasts isolated from different sources of small ruminants in Fayoum governorate	2014	M.V.Sc	approval committee
Investigation of bacteria causing urinary tract infections in pet animals and human	2014	M.V.Sc	approval committee
Immunological parameters of tilapia Nilotica exposed to copper and challenged with certain bacteria and/ or fungi	2014	Ph.D	approval committee
Molecular studies on certain toxopathogenic fungi in smoked dried and salted fishes in Egypt	2014	Ph.D	approval committee
Molecular characterization of multi-drug resistant salmonella enterica and pathogenic escherichia coli isolated from meat products in Delta area	2014	Ph.D	approval committee
Isolation and identification of postpartum uterine bacteria in dairy cows	2013	M.V.Sc	approval committee
Bacteria associated with fungal contamination in frozen beef meat	2013	M.V.Sc	approval committee
Studies on mycotic agents causing dermatomycosis infection in poultry	2012	M.V.Sc	approval committee/Supervision
Occurance of some zoonotic bacteria in poultry wastes with reference to their antibiotic sensitivity	2012	M.V.Sc	Supervision
Studies of Aspergillus fumigatus with special reference to elastase activity index	2012	M.V.Sc	approval committee
Molecular detection of salmonella and campylobacter species in imported frozen poultry	2012	M.V.Sc	approval committee/Supervision
OCCURANCE OF ENTEROCOCCI IN MILK WITH SPECIAL REFERENCE TO ENTEROCOCCUS FAECALIS	٢٠١٢		

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DETECTION OF SALMONELLOSIS AND PASTEURILLOSIS IN DUCKS USING POLYMERASE CHAIN REACTION TECHNIQUE (PCR)	٢٠١٢		
INCIDENCE OF SALMONELLA SP. AND CAMPYLOBACTER SP. IN IMPORTED FROZEN CHICKEN	٢٠١٢		
Advanced studies on chlamydia species isolated from ruminants	2012	Ph.D	approval committee/Supervision
Microbiological studies on processed poultry meat	2011	M.V.Sc	approval committee/Supervision
Genetic diversity of listeria monocytogenes in bovine mastitis	2011	M.V.Sc	approval committee
A trial for antiviral activity of some medicinal, plant extracts on BHV-1	2011	Ph.D	approval committee/Supervision
Studies on methods used for identification of yeasts isolated from human and animals	2010	M.V.Sc	approval committee
Bacteriological studies on mycobacterium complex group in farm animals	2010	M.V.Sc	approval committee
Natural and experimental mixed infection of cultured Oreochromis niloticus with different species of pseudomonas bacteria and Aspergillus flavus	2010	M.V.Sc	approval committee
Adherent and invasive E.coli associated with persistent bovine mastitis	2010	Ph.D	approval committee/Supervision
Comparison of diagnostic assays for mycobacterium bovis infection	2009	M.V.Sc	approval committee
Bacteriological studies on enterococcus faecalis in oreochromis niloticus	2009	M.V.Sc	approval committee
Bacteriological studies on salmonella enteritidis isolated from different sources in dakhlia governorate	2009	M.V.Sc	approval committee
Recent techniques for diagnosis of mycoplasma in broiler chickens	2009	Ph.D	approval committee
Bacteria associated with enteritis in broilers in fayoum governorate	2008	M.V.Sc	approval committee
STUDIES ON MICROBIAL CAUSES OF DIARRHOEA IN CALVES	٢٠٠٨		
Bacterial causes of mastitis in cattle and buffaloes.	٢٠٠٨		
Some studies on ornithobacterium rhinotracheale in Tturkey	2008	M.V.Sc	approval committee/Supervision
Advanced techniques in characterization of E.coli in Rabbits	2008	Ph.D	approval committee/Supervision
Aflatoxin interaction on susceptibility to diseases in chicken	2007	Ph.D	approval committee
Serological studies on chicken infectious anemia virus in middle delta region	2006	M.V.Sc	approval committee/Supervision
Immunological studies on Mycoplasma gallisepticum vaccines in poultry	2006	M.V.Sc	approval committee
Bacteriological studies on helicobacter pylori in pet animals in Dakahlia governorate	2006	M.V.Sc	approval committee
Detection of Mycoplasma infection in native layers by using recent techniques	2005	M.V.Sc	approval committee
Seasonal bacteriological studies on normal and pneumonic lung of sheep and goats in Suez canal area	2005	M.V.Sc	approval committee
Studies on some microorganisms isolated from Nile catfish	2005	M.V.Sc	approval committee/Supervision
Advancing studies on Clostridium tetani	2005	M.V.Sc	approval committee
Studies on different histopathological methods and stains used in the demonstration of fungal elements in tissue section	2005	M.V.Sc	approval committee
Prevalence of bacterial causes of skin lesions among catfish from different localities	2004	M.V.Sc	approval committee
Occurrenceof Cryptococcus species in excreta of pigeon and pet birds	2004	M.V.Sc	approval committee
Effect of experimental infection with streptococcal species on different blood parameters in carp fish	2004	M.V.Sc	approval committee
Control trials of some occupational zoonotic diseases of Egyptian farmer	2004	M.V.Sc	approval committee
Studies on Mycoplasma gallisepticum in broiler chicken in Kafer El-Sheikh Governorate	2004	M.V.Sc	approval committee/Supervision

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Mycoplasmal and bacteriological studies on mastitis of sheep and goats	2003	Ph.D	approval committee
Studies on enterobacteriaceae isolated from fish in Beni-suef and El-fayoum governorates	2002	M.V.Sc	approval committee
Studies on some types of bacteria and fungi isolated from fish	2002	M.V.Sc	approval committee
Mycological Examination of poultry feed stuff with special reference to mycotoxin production	2001	M.V.Sc	approval committee
A study on the detoxification of aflatoxin in the chicks body.	٢٠٠١		
Studies on the effect of ochratoxins on the immune response of rabbits to some bacterial infection and vaccination	2001	Ph.D	approval committee/Supervision
Evaluation of the laboratory techniques used for detection of Newcastle disease virus infected and vaccinated chickens	2000	M.V.Sc	approval committee/Supervision
Studies on viral associated neonatal calf diarrhoea	1996	M.V.Sc	Supervision
Bacteriological and mycological studies on cattle respiratory pathogens	1996	Ph.D	approval committee
Experimental candidosis in mice	1993	M.V.Sc	Supervision
Bacteriological studies of some infertility in bulls	1993	M.V.Sc	Supervision
Studies on the role of field rats as reservoirs of some fungi in Sharkia Governorate [Egypt]	١٩٩٢		
Investigation of the possible role played by field rats as reservoir host of some pathogenic bacteria in Sharkia Governorate [Egypt]	١٩٩٢		
Immunological studies on aflatoxin	1992	M.V.Sc	Supervision

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