



CURRICULUM VITAE

Adel Abdelkhalek Sayed Ahmed
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Personal Data

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Education :
-B.V.Sc. Faculty of Veterinary Medicine, University of Zagazig, Egypt, 1987.

-Research specialization in food hygiene, Department, Faculty of Veterinary Medicine, University of Zagazig, Egypt, 1987.

-Master of Veterinary Science (MS), specialization in Food Hygiene, Faculty of Veterinary Medicine, University of Zagazig, Egypt, 1991.

-Pre-doctoral research specialization in food Microbiology Dept. , Food science and Agriculture Centre, Queens University of Belfast, UK, 1992 – 1995.

-Doctor of Philosophy (PhD), Veterinary Science, specialization in food Hygiene Faculty of Veterinary Medicine, University of Zagazig, Egypt, 1995.

Working & Professional Experience

- Dean of the Faculty of Veterinary Medicine, Badr University in Cairo, 2020 till now.
- Head of Food Hygiene dept., Faculty of Veterinary Medicine, Mansoura University. Egypt, 2013 -2020.
- Director of Food Safety and Hygiene program Faculty of Veterinary Medicine, Mansoura University. Egypt, 2015 - 2020.
- Full Professor of Food Hygiene dept. Faculty of Veterinary Medicine, Mansoura University. Egypt, 2005.
- Assistant Professor Dept. of Food Hygiene, Faculty of Veterinary Medicine, Mansoura University. Egypt, 2000.
- Assistant Lecturer, Dept. of Food Hygiene Faculty of Veterinary Medicine, Zagazig University. Egypt, 1991.
- Demonstrator, Dept. of Food Hygiene, Faculty of Veterinary Medicine, Zagazig University. Egypt, 1987.

Experience in Carrier

- A consultant of food microbiology, Veterinary laboratories and Researches, the Public Authority of Agriculture and fish resources, Kuwait. From 2003 – 2012.

- Participation with deanship of quality and skill development, Majmaah University in Saudi Arabia as an external independent auditor in evaluating the reports of the support deanships.
- Participation with Public authority of Agriculture and Fish Resources, Kuwait as an external independent auditor in evaluating Kuwait national project for Eradication of Tuberculosis and Brucellosis from Dairy Kuwait Farms.

Teaching Experience

- 1987- till now : Teaching To undergraduate and post graduate students the practical and lectures courses of food Hygiene (Milk hygiene and control) department of food hygiene and control – faculty of Veterinary Medicine, Zagazig and Mansoura Universities.
- 1995 - till now : Supervision on the teaching staff members of Milk hygiene in the food hygiene department.
- 1995- till now : Teaching The course of food hygiene, to the post graduate (Food Microbiology, Milk hygiene and technology, quality control and quality assurance of food of animal origin) students (diploma, Master and Ph.D.) Fac. Of Vet. Med, Zagazig and Mansoura Universities and at varies faculties of Vet. Med. - Food Hygiene department.

Field of Competence

- Applied food of animal origin microbiology.
- Bacterial food borne diseases and their public health aspects.
- Modern diagnostic techniques in food safety.
- Quality control of food.
- HACCP and ISO

- Modern diagnostic techniques in bacterial animal diseases.

Courses Taught During Career

- Food Microbiology
- Haccp And Iso
- Quality Control Of Food
- Food Safety And Control
- Food Borne Diseases
- Indicator Microorganisms In Food
- Food Hygiene And Technology
- Food Spoilage
- Organoleptic Examination Of Food
- Food Poisoning
- Base Detection Technique
- Veterinary Lab. Accreditation
- Food Traceability

List of publication

- Sallam, K.I., Saad, F.S.S., and Abdelkhalek, A. (2022). Health risk assessment of antimicrobial residues in sheep carcasses marketed in Kuwait. *Food Chemistry* 383.
- Emergence of pandrug-resistant carbapenemase-producing Enterobacterales in dogs and cats: a cross-sectional study in Egypt Tartor, Y.H., Ammar, A.M., Abdelkhalek, A., ...Nekouei, O., Elsohaby, I. *Frontiers in Cellular and Infection Microbiology* ., 2024, 14, 1318585
- Extensively drug-, ciprofloxacin-, cefotaxime-, and azithromycin-resistant *Salmonella enterica* serovars isolated from camel meat in

- Egypt Sallam, K.I., Kasem, N.G., Abdelkhalek, A., Elshebrawy, H.A. *International Journal of Food Microbiology* ., 2024, 411, 110538
- Chitosan-Loaded *Lagenaria siceraria* and *Thymus vulgaris* Potentiate Antibacterial, Antioxidant, and Immunomodulatory Activities against Extensive Drug-Resistant *Pseudomonas aeruginosa* and Vancomycin-Resistant *Staphylococcus aureus*: In Vitro and In Vivo Approaches Taha, S.M., Abd El-Aziz, N.K., Abdelkhalek, A., ...Ahmadi, M., El-Nabtity, S.M. *Antioxidants* ., 2024, 13(4), 428
 - Liraglutide ameliorates diabetic-induced testicular dysfunction in male rats: role of GLP-1/Kiss1/GnRH and TGF- β /Smad signaling pathways Fathy, M.A., Alsemeh, A.E., Habib, M.A., ...Arisha, A.H., Khamis, T. *Frontiers in Pharmacology*, 2023, 14, 1224985
 - Physicochemical attributes, antioxidant activity, and sensory responses of low-fat cheese supplemented with spray-dried Jamun juice (*Syzygium cumini* L.) powder Shelke, G.N., Kad, V.P., Yenge, G.B., ...Gharmy, H.I., Morsy, M.K. *Frontiers in Sustainable Food Systems*, 2023, 7, 1243477
 - BM-MSCs alleviate diabetic nephropathy in male rats by regulating ER stress, oxidative stress, inflammation, and apoptotic pathways Khamis, T., Abdelkhalek, A., Abdellatif, H., ...Bucur, I.M., Arisha, A.H. *Frontiers in Pharmacology*, 2023, 14, 1265230
 - The Antiproliferative Activity of *Adiantum pedatum* Extract and/or Piceatannol in Phenylhydrazine-Induced Colon Cancer in Male Albino Rats: The miR-145 Expression of the PI-3K/Akt/p53 and Oct4/Sox2/Nanog Pathways Khamis, T., Diab, A.A.-A.A., Zahra, M.H., ...Arisha, A.H., Attia, M.S. *Molecules* ., 2023, 28(14), 5543
 - Quality Assessments of Aflatoxin M1 Residues in Milk and Some Milk Products in Dakahlia Governorate Fathy, H., El-Sherbini, M., Sabry, M., Abdelkhalek, A. *Journal of Advanced Veterinary Research* ., 2023, 13(6), pp. 1188–1191
 - Breast Milk Mesenchymal Stem Cells and/or Derived Exosomes Mitigated Adenine-Induced Nephropathy via Modulating Renal Autophagy and Fibrotic Signaling Pathways and Their Epigenetic Regulations Khamis, T., Alsemeh, A.E., Alanazi, A., ...Florin, C., Arisha, A.H. *Pharmaceutics* ., 2023, 15(8), 2149
 - Ibrahim, M.A., Albahlol, I.A., Wani, F.A., Abd-Eltawab Tammam, A., Kelleni, M.T., Sayeed, M.U., Abd El-Fadeal, N.M., and Mohamed, A.A. (2021). Resveratrol protects against cisplatin-induced ovarian and uterine toxicity in female rats by attenuating oxidative stress, inflammation and apoptosis: Resveratrol protects

- against cisplatin toxicity in rats. *Chemico-Biological Interactions* 338, 109402-109402.
- Heavy metal residues in milk and some dairy products with insight into their health risk assessment and the role of *Lactobacillus rhamnosus* in reducing the lead and cadmium load in cheese Elafify, M., EL-Toukhy, M., Sallam, K.I., ...Abdelkhalek, A., El-Baz, A.H. *Food Chemistry Advances* ., 2023, 2, 100261
 - Antibacterial and Anti-Efflux Activities of Cinnamon Essential Oil against Pan and Extensive Drug-Resistant *Pseudomonas aeruginosa* Isolated from Human and Animal Sources Abdelatti, M.A.I., Abd El-Aziz, N.K., El-Naenaey, E.-S.Y.M., ...Zakai, S.A., Abdelkhalek, A. *Antibiotics* ., 2023, 12(10), 1514
 - Oral zinc oxide nanoparticles attenuate chronic stress induced alterations in metabolic profile and antioxidant activity in male rats Abd-Elmaqsoud, I.G., Ahmed, A.I., Elsaadawi, H.A., ...El-Abed, E.-A.D., Arisha, A.H. *Egyptian Journal of Chemistry*, 2023, 66(4), pp. 395–401
 - Role of Macroautophagy in Mammalian Male Reproductive Physiology Kirat, D., Alahwany, A.M., Arisha, A.H., Abdelkhalek, A., Miyasho, T. *Cells*, 2023, 12(9), 1322
 - Effect of Spirulina on Somatic Cell Count and Milk Quality Ragab, M., El-Diasty, M., El-Sherbini, M., Abdelkhalek, A. *Journal of Advanced Veterinary Research*, 2023, 13(4), pp. 637–642
 - Histidine-Containing Dipeptide and Diabetic Complications Hussein, M.M.A., Zakaria, G., Abdelkhalek, A., Arisha, A.H. *Journal of Advanced Veterinary Research*, 2023, 13(4), pp. 685–692
 - Rabbit Meat Consumption: A Mini Review on the Health Benefits, Potential Hazards and Mitigation Abdullatif, A.F., Mahmoud, A.F.A., Hafez, A.E.-S.E., Abdelkhalek, A., Ras, R. *Journal of Advanced Veterinary Research*, 2023, 13(4), pp. 681–684
 - Behavior and management of carp fish: A review Mohammed, H.H., Ebrahim, M., Youssef, M.I., Saleem, A.-S.Y., Abdelkhalek, A. *Open Veterinary Journal* ., 2024, 14(1), pp. 1–11
 - Pathological, Immunohistochemical, and Molecular Study of Avian Infectious Bronchitis Virus in Egypt, El Nemr, A.I., Hamad, R.T., El-Shemy, A.A., Abdelkhalek, A., Mohamed, M.A. *Egyptian Journal of Veterinary Science(Egypt)* ., 2025, 56(1), pp. 79–89
 - abdelmaksoud, i.g., Ahmed, A.I., Elsaadawi, H.A., Bazeed, S.M., AbdelKhalek, A., Bakry, M., Amin, T., El-Abed, E.-A.D., and Arisha, A.H. (2022). Oral Administration Of Zinc Oxide Nanoparticles Attenuates Chronic Stress Induced Alterations In

Metabolic And Antioxidant Activity In Male Rats. Egyptian Journal of Chemistry.

- Tawfik, E.M., Elsherbini, M., Kasem, N.G., Ahmed, M.F.E., and Abdelkhalek, A. (2022). Effect of Food Safety Management Practices on Milk Quality and Subclinical Mastitis in Dairy Cow Farms. *Journal of Advanced Veterinary Research* 12, 371-378.
- Seroprevalence of brucellosis and typing of *Brucella melitensis* biovar 2 in lactating cows in Kuwait . Adel, abdelkhalek Adel, M Amro, AS Yousef . *Journal of Advanced Veterinary and Animal Research* 3 (3), 229-235,2016
- Screening of Aflatoxicogenicity of *Aspergillus flavus* Strains in Artificially Contaminated Yoghurt Samples M Khalifa, M Al-Ashmawy, A Abdelkhalek, M El-Sherbini *International Journal of Microbiological Research* 6 (3): 160-163, 2015
- Salama, M.e.;Khail,W.F and Abdelkhalek, A. (2005): Evaluation of a new pharmaceutical form of cefepime in goat treatment of ruminant mastitis. *Mansoura, Vet. Med. J. (23-35) vol.VII. No.1.*
- S. M. Abd-Elghany¹, K. I. Sallam¹, A. Abdelkhalek and T. Tamura (2014): Occurrence, genetic characterization and antimicrobial resistance of *Salmonella* isolated from chicken meat and giblets, *Epidemiol. Infect.* Page 1 of 7. © Cambridge University Press 2014. doi:10.1017/S0950268814001708, 17JU.
- Quality assessment of imported powder milk at Mansoura city, Egypt. A Abdelkhalek, M Elsherbini, D Eletriby, A Sadak *Journal of Advanced Veterinary and Animal Research* 3 (1), 75-78,2016
- Prevalence of Beta-lactam residues in milk A AbdElKhalek, A El-Gamal, M Ragab *Mansoura, Vet. Med. J.*,2016
- Prevalence and molecular characterization of *Salmonella* serovars in milk and cheese in Mansoura city, Egypt AH El-Baz, M El-Sherbini, A Abdelkhalek, MA Al-Ashmawy *Journal of Advanced Veterinary and Animal Research* 4 (1), 45-51. 2017 .
- Prevalence and Detection of Beta Lactams and Tetracyclines in Raw Milk. R Shata, M El-Sherbini, A Abdelkhalek, M Al-Ashmawy. *Global Veterinaria* 15 (6): 588-595 15 (6), 588-595 ,2015
- PREVALENCE AND ANTIMICROBIAL RESISTANCE OF *LISTERIA MONOCYTOGENES* IN MILK AND SOFT CHEESE
- Marwa Khalifa; Al-Ashmawy, M.; Abdelkhalek, A and Elsherbini,M. (2013): Mycological evaluation of serving some dairy products with special reference to mycotoxins production in Azhar university students hostels. Accepted for publication on 15/10/2013 and it will appear in the nearest coming issue of world J. of dairy and food science. (WJDFS).

- Maha A. Al-Ashmawy; El-Sherbini, M. and Abdelkhalek, A. (2005): The prevalence of verocytotoxigenic Escherichia Coli and its Significance in milk and some dairy products. 4th International Scientific Conference, Faculty of Veterinary Medicine Mansoura University .5-6 April.
- M.S.A Zaki; Abdelkhalek, A. and L.E.Mowafy (1996): Hygienic importance of Pseudomonas in dairy farms. 7th sci. cong. 17-19 Nov. Fac. Vet. Med. Assiut, Egypt.
- M Yousef, A AbdelKhalek, SA El-Ghany and, M AL-Ashmawy. Mansoura, Vet. Med. J, 2015
- Kasem, N.G., Al-Ashmawy, M., Elsherbini, M., and Abdelkhalek, A. (2021). Antimicrobial Resistance and Molecular Genotyping of Escherichia Coli and Staphylococcus Aureus Isolated from Some Egyptian Cheeses. Journal of Advanced Veterinary and Animal Research 8, 246-255.
- Incidence of Staphylococci and Coliforms in yoghurt sold in Mansoura. AbdelKhalek A, El-Gamal A., E A Mansoura, Vet. Med. J
- Ibrahim, A.H.M., Ali, M.E.E., Ahmed, M.F.E., and Abdelkhalek, A. (2022). Prevalence and Characterization of Escherichia coli in Raw Milk and Some Dairy Products at Mansoura City. Journal of Advanced Veterinary Research 12, 363-370.
- Gamal, H., El-Diasty, M., Dapgh, A., El-Sherbini, M., El-Baz, A., and Abdelkhalek, A. (2022). Virulence Genes of Multi-drug Resistance Pseudomonas species Isolated from Milk and Some Dairy Products. Journal of Advanced Veterinary Research 12, 415-421.
- Elzhraa, F., Al-Ashmawy, M., El-Sherbini, M., and Abdelkhalek, A. (2021b). Evaluation of physicochemical properties and microbiological quality of UHT milk regularly introduced to resident patients in Mansoura University hospitals. Veterinarija ir Zootechnika 79, 9-16.
- Elzhraa, F., Al-Ashmawy, M., El-Sherbini, M., and Abdelkhalek, A. (2021a). Critical occurrence of verotox-genic e.Coli and non-typhoidal salmonella in some heat treated dairy products. Italian Journal of Food Safety 10.
- El-Sherbini, M.; Abdelkhalek, A.; and El-Gamal, A.(2002) : Evaluation of PCR for detection of brucella in lactating Cows. 6th Vet. Med. Zigzag Conference, 7-9 September.
- Elafify, M., Khalifa, H.O., Al-Ashmawy, M., Elsherbini, M., El Latif, A.A., Okanda, T., Matsumoto, T., Koseki, S., and Abdelkhalek, A. (2020b). Prevalence and antimicrobial resistance of

- Shiga toxin-producing *Escherichia coli* in milk and dairy products in Egypt. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes* 55, 265-272.
- Elafify, M., Darwish, W.S., Al-Ashmawy, M., Elsherbini, M., Koseki, S., Kawamura, S., and Abdelkhalek, A. (2019). Prevalence of *Salmonella* spp. in Egyptian dairy products: molecular, antimicrobial profiles and a reduction trial using d-tryptophan. *Journal fur Verbraucherschutz und Lebensmittelsicherheit* 14, 399-407.
 - Elafify, M., Chen, J., Abdelkhalek, A., Elsherbini, M., Al-Ashmawy, M., and Koseki, S. (2020a). Combined D-Tryptophan Treatment and Temperature Stress Exert Antimicrobial Activity against *Listeria monocytogenes* in Milk. *Journal of Food Protection* 83, 644-650.
 - Comparative study between direct and indirect isolation of *Listeria monocytogenes* and its antimicrobial resistance M Yousef, A Abdelkhalek, SA El-Ghany, M AL-Ashmawy *Annals of Veterinary and Animal Science AVAS* 3 (1), 20-27,2016
 - Baz, A.H.; El-sherbini, M.;Abdelkhalek, A. and Al-ashmawy, M (2012):Some studies on camel milk. *Mansoura, Vet. Med. J.* (57-67) vol.XIV. No.2.
 - Assessment of Heavy Metals Residues in Milk Powder and Infant Milk Formula Sold in Mansoura City, Egypt. Abdelkhalek A, G EE, El-Sherbini M *Alexandria Journal of Veterinary Sciences* , 47: 71-77 47 (ISSN 1110-2047 ,2015
 - Al-Sherida, Y., El-Gohary, A.H., Mohamed, A., El-Diasty, M., Wareth, G., Neubauer, H., and Abdelkhalek, A. (2020). Sheep Brucellosis in Kuwait: A large-scale serosurvey, identification of brucella species and zoonotic significance. *Veterinary Sciences* 7.
 - Ahmed, S.A., Mostafa, A.H.M., El-Sherbini, M., and Abdelkhalek, A. (2022). Assessment of Microbial Safety and Quality of Market Raw Milk and Pasteurized Milk Sold in Dakahlia Governorate, Egypt. *Journal of Advanced Veterinary Research* 12, 456-461.
 - Abdelkhalk, A.; El-Sherbini, M. and El-Gaml, A. (2003): The Effect of Temperatures on veterinary antibiotics residues and their metabolites in milk and some dairy products. 3rd International Scientific Conference, Faculty of Veterinary Medicine MansouraUniversity .29-30 April
 - Abdelkhalek,A.; and El-Gamal, A.; El-Gmiey S.; and Hateb M. (1999) : Bacterial Spp. Isolated From Friesian Mastitic Cow's

- Problems and their antibiotic sensitivity patterns. Zag. Vet. J. (ISSA-1110-1458) Vol. 27, No. 2 (1999) pp. 86-92.
- Abdelkhalek, A. and El-Gamal, A. M. (2000) : Quality of pasteurized Milk sold at Mansoura City, Egypt. Summer conference, University of Strathclyde, UK. 10-13 July 2000.
 - Abdelkhalek, A. (2001): Quality Faults of Microbial Origin in cheese a Review Article. 2nd International Scientific Conference, Faculty of Veterinary Medicine Mansoura University. 8-9 April.
 - Abdelkhalek, A. (2001) : Incidence of Aflatoxins B1 And M1 In raw Milk And some cheese. J. Vet. Med. Res. Vol. III, No. 2.
 - Abdelkhalek, A (2011): Prevalence of salmonella and Campylobacter in local fresh dressed broiler chicken in Kuwait. Kuwait foodsafety & quality. conference & exhibition. 18-19 september.
 - Abdelkhalek, A.; Salama, M.E. and El-Kosi, O.H. (2003): Activation of the lactoperoxidase system in milk against some pathogenic bacteria at refrigeration temperature. 3rd International Scientific Conference, Faculty of Veterinary Medicine Mansoura University .29-30 April.
 - Abdelkhalek, A.; El-Sherbini, M. and El-Gamal, A. (2002): quality of some fermented dairy products sold in Mansoura City, Egypt. 6th Vet. Med. Zagazig Conference, 7-9 September.
 - Abdelkhalek, A.; El-Sherbini, M. (2005): prevalence of contagious pathogens of bovine subclinical mastitis and Relationship to bacteria and some sell counts. 4th International Scientific Conference, Faculty of Veterinary Medicine Mansoura University .5-6 April.
 - Abdelkhalek, A.; El-Gaml, A. and El-Sherbini, M. (2001): Prevalence of Escherichia Coli 0157 in milk and feces of dairy farm animals in Dakahlia Province. 1st Congress of food Hygiene & Human Health, Faculty Of Veterinary Medicine, Assiut University, 6-8 February.
 - Abdelkhalek, A., Elsherbini, M, Maha Alashmawey and Albayomy, A. (2014): Enterobacteriaceae counts and Evaluation of histamine concentration of Egyptian soft Damietta cheese 8th int. sci. conference, Mansoura. 6-8 September, 2014, 6 Sep.
 - Abdelkhalek, A., A. El-Gamal A. and El-Sherbini, M. (1996): Survival of Aeromonas Hydrophila and Listeria Monocytogenes In Yoghurt. 3rd Vet. Med. Cong. Zagazig. 8-10 October. Pag. 210-219.
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- Abdelkhalek, A. and El-Kosi, O. H. (2003): Incidence of Listeria Species in milk and some dairy products in Dakahlia using both FDA Method And the New Biosynth Chromogenic Isolation and identification System. 3rd International Scientific Conference, Faculty of Veterinary Medicine Mansoura University .29-30 April.
- Abdelkhalek, A. and El-Gamal, A. M. (1998): Quality Control of pasteurized Milk sold at Mansoura City, Egypt. Benha Vet. Med. J. Vol. 9 No. 1 June 1998, 70-79.
- Abdelkhalek, A. and El-Gamal, A. (1998): Occurrence of Listeria species in raw milk in Mansoura, Egypt. 8th Sci. Con. 1998, Fac. Vet.Med. Assiut, Egypt.
- Abdelkhalek, A. (2002): Incidence and Characterization of Enterotoxigenic Bacillus in Some Dairy products. Suez Canal Veterinary Medicine Journal, V (1).
- Abdelkhalek, A. (1998) : The incidence of Yersinia enterocolitica in dairy foods. 5th Scientific Cong. – Proceedings, October 1998 Vet. Ed. J., Giza. Vol. 46, No. 4B. 1998, 629-634.
- Abdelkhalek, A. (1997): Enumeration and Characterization of Aeromonas Species isolated from farm bulk milk in Mansoura – Egypt. 2nd Scientific Conference.Proc., October 7-9, 1997 Alex. J. Vet. Sci. Vol. 13, No. 2, October 1997.
- Abdelkhalek, A (2010): Chicken salmonella and food safety: Farm to Table.The 1st Kuwait food safety conference.15-17 March.
- Abd-Elghany, S.M., Mohammed, M.A., Abdelkhalek, A., Saud Saad, F.S., and Sallam, K.I. (2020). Health risk assessment of exposure to heavy metals from sheep meat and offal in Kuwait. Journal of Food Protection 83, 503-510.
- Abdel Khalek, A. and Abd-Elghany S. M. (2014): Prevalence of salmonella and campylobacter in dresse broilers and table eggs distributed at mansoura city. 8th int. sci. conference, Mansoura. 6-8 September, 2014, 6 Sep.
- Abd El Latif, R.A.M., Ali, M.E.E., and Abdelkhalek, A. (2022). Prevalence and Characterization of Some Pathogenic Bacteria in Fermented Milk Products and Mish Cheese in Dakahlia Governorate, Egypt. Journal of Advanced Veterinary Research 12, 446-450.

Supervision and Evaluation of Masters & PhD Theses

1. Prevalence and Public Health Significance of Heavy Metals in Milk Powder
2. Prevalence of Some food Borne Pathogens in Milk and Some Dairy Products.
3. Prevalence of B-Lactams and Tetracyclines antimicrobial residues in milk and some dairy products: problems and solutions.
4. Quantitative Detection of Biogenic Amines as Indicators of Hygienic Quality of Cheeses.
5. Camel Milk and Gastric Ulcers in Rats.
6. Mycological Evaluation of Dairy Products Prepared for Consumption in Mansoura Student Hostels, Especially Azhar University.
7. Occurrence of verocytotoxigenic Escherichia coli in milk and some dairy products.
8. Criteria for Evaluation of Some Dairy Products.
9. Some Studies on Camels Milk.
10. Prevalence of Aeromonas in Milk Sold in Mansoura City.
11. Quality Assessment of Fermented Milks Sold in Mansoura
12. Prevalence and Aetiology of Subclinical Mastitis in Dairy Cows.
13. Toxicological Studies on the Incidence of Some Heavy Metals in Milk of she-Camels and Ewes.
14. Prevalence of Heavy Metals and Their Health Hazards in Milk and some Dairy Products.
15. The Prevalence of Bacterial Contamination of Table Eggs Sold From Retails Markets.
16. Occurrence of Listeria Monocytogenes in Farm Milk and White Soft Cheese.
17. Prevalence of Beta-Lactam Antibiotic and Their Public Health Hazards in Raw Milk and Some Dairy Products.
18. Some Studies on Camels Milk.
19. Prevalence of aflatoxin in raw milk and some dairy products

20. Prevalence of *Bacillus cereus* in dairy desserts
21. Prevalence of Preservatives in Milk and Some Dairy Products
22. Detection of markers of bulk milk quality in relation to subclinical mastitis
23. Quality of dairy Desserts sold in Mansoura city
24. Prevalence and molecular characterization of *Listeria monocytogenes* in milk and some dairy products
25. Hypercholesterolemia drugs and renal toxicity in human
26. The prevalence of subclinical mastitis in dairy cattle farms in Kuwait
27. Zoonotic importance of Tuberculosis in some dairy farms
28. Occurrence of urea and melamine in raw milk
29. Quality assessment of milk and some dairy products in Mansoura university Hostel and hospitals
30. Prevalence of Pesticides Residues in Raw Milk and Some Dairy Products
31. Assessment of bulk milk quality in Dairy farms
32. Prevalence of *Coxiella burnetii* in raw milk from dairy herds in Dakahlia
33. Melamine detection in milk powder and infant formula milk powder
34. Criteria for Evaluation of Some Dairy Products
35. Some Studies on Camels Milk
36. Quality Assessment of Fermented Milks Sold in Mansoura
37. Prevalence and Etiology of Subclinical Mastitis in Dairy Cows
38. Toxicological Studies on the Incidence of Some Heavy Metals in Milk of she-Camels and Ewes
39. Heavy metal residues in mutton carcasses marketed in Kuwait
40. The Prevalence of Bacterial Contamination of Table Eggs Sold From Retails Markets
41. Prevalence of antibiotic residues in raw milk

42. Occurrence of *Listeria Monocytogenes* in Farm Milk and White Soft Cheese
43. Prevalence of Beta-Lactam Antibiotic and Their Public Health Hazards in Raw Milk and Some Dairy Products
44. Prevalence of *Salmonella* Serovars in Milk and Table Eggs
45. Sero-prevalence of Brucellosis as a zoonotic disease in raw milk
46. Prevalence and Public Health Significance of Heavy Metals in Milk Powder
47. Prevalence of Some food Borne Pathogens in Milk and Some Dairy Products
48. Prevalence of B-Lactams and Tetracycline's antimicrobial residues in milk and some dairy products: problems and solutions
49. Quantitative Detection of Biogenic Amines as Indicators of Hygienic Quality of Cheeses
50. Mycological Evaluation of Serving Some Dairy Products with Special Reference to Aflatoxins Production in Azhar University Student Hostels
51. Occurrence of verocytotoxigenic *Escherichia coli* in milk and some dairy products
52. Prevalence of melamine residues in milk and some dairy products
53. Prevalence and antimicrobial resistance of zoonotic bacteria in milk
54. Assessment of the microbial safety and Quality of milk and some dairy products
55. Toxicological studies on the presence of mycotoxins in milk and animal feed in Kuwait
56. Prevalence, of foodborne illness pathogens in eggs and some dairy foods in Kuwait
57. Presence of some antibiotic residues in chicken meat marketed in Kuwait
58. Camel Milk and Gastric Ulcers in Rats

59. Prevalence and molecular characterization of some foodborne bacterial pathogens in milk and some dairy products
60. Assessment of aflatoxin M1 contamination in milk and some dairy products in Kuwait state
61. Occurrence of Brucella spp. in raw milk and soft cheese in Mansoura
62. Some Epidemiological and Molecular Characterization of Brucella species as a Zoonotic Pathogens Isolated from Sheep And Goats in Kuwait

Workshops Given

- BSE Training course .central veterinary lab. October 3rd to 7th, 2010. Kuwait.
- OIE national focal point for animal production Food safety, February 3rd, 2010, Kuwait.
- Compliance of veterinary services. Performance, vision, strategy. 14-16 Jan. 2007, Kuwait.
- Modern technique for Detection of Listeria monocytogenes in dairy foods. 24-26 February, 2001. University centre for veterinary services. Mansoura Univ.
- Net program training from 19-24 June, 1999 By the national educational technology program. Cairo Univ.
- Modern technology for gene isolation, PCR and DNA fingerprinting - from 24/02/2001 to 28/02/2001 in Egypt.

Book Publications

- Abdelkhalek A (2017) Principles of Food Safety and Hygiene (electronic book). Published by Supreme council of universities
- Abdelkhalek A and Samir Abdelghany (2017): Food Analysis Lectures. farm, Mansoura , Egypt, (book).

- Sherbini, M & Abdel-khalek A. Maha AL-A shmawy A.: Milk Hygiene in dairy farm, Mansoura , Egypt, 2014, (book).
- AL-A shmawy A., sherbini, M & Abdel-khalek A.,: Food Hygiene Handbook, Mansoura , Egypt, 2001, (textbook).
- AL-A shmawy A., Abdel-khalek A.and Al- sherbini, M.: Practical Food Hygiene Handbook, Mansoura , Egypt, 2001, (book).

International Scientific Events Attended

- 4th Sci. cong. Proc., April 3-6, 1996. Vet. Med. J. Giza.
- 3rd Vet. Med. Cong. Zagazig. 8-10 October,1996
- 7th sci. cong. 17-19 Nov.1996, Fac. Vet. Med. Assiut, Egypt.
- 2nd Scientific Conference. Proc., October 7-9, 1997 Alex.
- 5th Scientific Cong. – Proceedings, October 1998 Vet. med., Giza.
- 8th Sci. Con. 1998, Fac. Vet. Med. Assiut, Egypt.
- Summer conference, university of Strathclyde, UK. 10-13 July 2000.
- 2nd International Scientific Conference, Faculty Of Veterinary Medicine Mansoura University. 8-9 April, 2001.
- 1st Congress of food Hygiene & Human Health, Faculty Of Veterinary Medicine, Assiut University, 6-8 February,2001.
- 6th Vet. Med. Zigzag Conference, 7-9 September,2002.
- 3rd International Scientific Conference, Faculty Of Veterinary Medicine Mansoura University. 29-30 April, 2003.

- 4th International Scientific Conference, Faculty Of Veterinary Medicine Mansoura University. 5-6 April, 2005.
- OIE workshop for national focal points for animal production food safety, and BSE practical aspects. Kuwait city, The state of Kuwait. February 3rd, 2010.
- The 1st Kuwait food safety conference. 15-17 March, 2010.
- Kuwait food safety & quality. Conference & exhibition. 18-19 September, 2011.
- 7th International Scientific Conference, Faculty of Veterinary Medicine Mansoura University. 28-30 August, 2012
- 8th International Scientific Conference, Faculty of Veterinary Medicine Mansoura University 6-8 Sept, 2014.
- First International Scientific Conference, Faculty of Veterinary Medicine Zagazig University. 8-30 August, 2014.
- Organizing an international conference on biodiversity with several international partners 2022 Timisoara Romania
- Organizing an international conference on food safety and human health Egypt vision 2030 at BUC Egypt
- international conference on veterinary medicine at King Faisal University, Saudi arabia
- Horse industry in Egypt was held by BUC-IVSA scientific society at BUC Egypt
- Proteomic and genomic workshop and international training at FLI facilities in Germany

Membership In professional Associations

- Association of Veterinarians of Egypt.
- Association of Applied Food Microbiology, UK.

- Association of Food Hygiene, Egypt.

Language Proficiency: Active knowledge of English Language.

Arbitration Articles

- Bio-control of unwanted bacteria in food processing plant

Evaluation in Journal

- Journal of advanced veterinary and animal researches.
- Mansoura veterinary medical journal (ISSN 1110-7219).
- Zagazig veterinary medical journal.

University Development Courses

- Managing and Developing Medical Skill - from 19/08/2013 to 22/08/2013 in Egypt.
- University buildings Management - from 04/08/2012 to 04/12/2012 in Egypt.
- Making decisions and solving problems - from 10/09/2005 to 13/09/2005 in Egypt.

Scientific projects:

- Project title: Transforming data collection and surveillance around vaccination (including COVID-19) and key diseases in migrants in the MENA Region. Application number: 0062614 – 3-year period. Administrating institution: Barcelona Institute for Global Health (ISGlobal). Grant amount: 1.5 million Euro. Donor: Fundación La Caixa, Barcelona, Spain. Role: PI Egypt
- Project title: Shelf-life enhancement of raw milk and its impact on commercial dairy processing. Application number: Challenges of Dairy Sector in Egyptian Industry (CDSEI) – 1-year period. Administrating institution: Badr University in Cairo. Grant amount: 600 K EGP. Donor: Academy of Scientific Research and Technology (ASRT). Role: PI

- Project title: Strengthening transboundary research in 'One Health' in the MENA region
COSIMENA Call for Funding 2024 for the Winter School. Administrating institution:
Leipzig University/Badr University in Cairo. Grant amount: 50.000 euros
- Project title: Interdisciplinary public-private partnership for strengthening one health
preparedness for outbreaks in Egypt, DAAD Taziz project ID: 57727357. Administrating
institution: Leipzig University/Badr University in Cairo. Grant amount: 50.000 euros
- Prevalence of Salmonella and Campylobacter in Kuwait poultry farm - from 01/04/2010 to
31/03/2012.
- Prevention and control of bovine tuberculosis and Brucellosis in Kuwait dairy farms - from
01/04/2008 to 31/03/2011.
- Prevention and control of bovine sub clinical mastitis in Kuwait dairy farms - from 01/05/2005
to 30/04/2008.
- Assessment of dairy products quality and potential shelf life - from 05/01/2000 to 04/01/2002.
- Study of some problems which effect on sheep and goat production - from 18/12/1999 to
30/12/2002.
- Control and diagnosis of mortality in newly born calves - from 18/10/1998 to 17/10/2001.
- Biochemical and clinical studies of the effect of some common use drugs via oral route of
sheep - from 05/10/1998 to 04/04/2002.