



لضمان جودة التعليم والإعتماد



Curriculum Vitae

Eman Moustafa Moustafa Moustafa

Department of Fish Diseases and Management,

Faculty of Veterinary Medicine, Kafrelsheikh University,

Egypt

I-Personal Identity:-

Given name	Eman Moustafa Moustafa Moustafa	
Surname	Moustafa	
Sex	Female	
Place & Date of birth	Kuwait, 31st -March -1977	
Nationality	Egyptian	
Place of work	Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt	
Current Position	Professor of Fish Diseases and Management	
Address of work	El-Geish Street - 33516, Kafr El-Sheikh, Egypt	
Phone /Fax	Work	002-047-3234780-3116209
	Home	048/2497692
	Mobile	01012662036/01221283608
	Fax	002-047-3116211
Marital state	Married + 4 children	



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Academic Qualifications	B.V.Sc	Tanta University, Kafr El-Sheikh Branch; 1999. Veterinary Medical Science. (very good with honor degree)
	M.V.Sc	Tanta Univ., Kafr El-Sheikh branch; 30/3/2004. Fish Diseases and Management.
	2011	Yamaguchi University, Japan; 16/3/2011. Fish Diseases and Management.
Professional Positions	Demonstrator	From 21/1/2001 till 3/5/2004
	Assistant Lecturer	From 4/5/2004 till 25/6/2011
	PhD scholarship	From 2/10/2006 till 31/3/2011.
	Lecturer	From 26/6/2011 till 26/1/2018.
	Associate Professor	From 27/1/2018 till 27/2/2023.
	Professor	From 28/2/2023 till now.
Research Interests	Fish Diseases	
	Fish Management	
	Feed Additives	
	Immunonutrition	
	Aquaculture	
	Aquatic Toxicology	
	Biotechnology	
Current Projects	PI	Assessment of feed Adultration and water pollution on Aquaculture Production in Kafr El-Sheikh Province
	Partner	Behavioural Prophylaxis informing Improved culture system design and management for enhanced fish health and sustainable intensification for the Egyptian



	Tilapia Industry
E-mail:	emantarek2002@yahoo.com eman30m@gmail.com
Major specialization	Veterinary Medical Sciences
Minor Specialization	Fish Diseases and Management
Google scholar link	https://scholar.google.com.eg/citations?hl=en&user=gjah5TMAAAAJ&view_op=list_works&gmla=AJsN-F7XlhVz7K3ck2d5xxoc_XownkGV80YREMHGBQ56v8i59l8qQ4ZG-Qz4YOrN1yyLK90ahjXvf7WE3WZA_mFlap6dXfW-aX7JO-9hXPthcdF6qpct0fU
Reviewer (some examples)	Aquaculture
	Environmental Science and Pollution Research
	Aquaculture Research
	Aquaculture International
	Toxicology in Vitro
	International Invention Journal of Medicine and Medical Sciences (IJMMS)
	Kafrelsheikh Veterinary Medical Journal
	Veterinary Research Communication
	Benha University Veterinary Medical Journal
	Aquatic Toxicology

II-Education:-

September 1994 to	Undergraduate student, Faculty of Veterinary
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May 1999	Medicine, Tanta University, Kafr El-Sheikh branch, Egypt
May 1999	Obtained License for Veterinarian (No. 24930)
September 2000 to March 2004	Master Course Student (Fish Diseases and Management), Faculty of Veterinary Medicine, Tanta University
March 2004	Obtained Master's degree of Veterinary Medicine, (Tanta University-Egypt)
March 2004 to June 2006	Doctor Course Student (Fish Diseases and Management), Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt
October 2006 to March 2007	Research Student- Department of Veterinary Pathology-Tottori University- Japan.
April 2007 to March 2011	PhD student- United Graduate School of Veterinary Sciences – Yamaguchi University- Japan.
March 2011	Obtained PhD's degree, United Graduate School of Veterinary Sciences- Yamaguchi University – Japan.

III-Employment history:-

January 21,2001 to May 3, 2004	Demonstrator, Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Tanta University, Kafr El-Sheikh branch, Egypt
May 4, 2004 to June 26, 2011	Assistant Lecturer, Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt
October 2, 2006 to March 31-2007	Research Student, department of Veterinary Pathology, Tottori University, Japan.
April 1 st ,2007 to March 31 st ,2011	PhD student, Department of Veterinary Pathology, United Graduate School of Veterinary Sciences, Yamaguchi University, Japan.



June 26, 2011 to January 26, 2018	Lecturer, Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt
January 27, 2018 till 27 February 2023.	Associate Professor, Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt
February 28, 2023 till now	Professor, Department of Fish Diseases and Management, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt
August 1, 2023 till now	Head of Fish Diseases and Management Department, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt

IV-Languages: Fluent Arabic and English with Little French and Japanese.

v-Theses:

Master: Studies on Pseudomonas Infection in fish in Kafr El-Sheikh Province.

Tanta University, Egypt, 2004

PhD: Pathological Study on the Scuticociliatosis of Japanese flounder in Japan.

United Graduate School of Veterinary Sciences, Yamaguchi University, Japan, 2011.

VI-Publications:

1. ***Eman M. M. MOUSTAFA, M. NAOTA, T. MORITA, N. TANGE & A. SHIMADA (2010):***
Pathological Study on the Scuticociliatosis Affecting Farmed Japanese Flounder (*Paralichthys
olivaceus*) in Japan. ***J. Vet. Med. Sci.***, 72(10): 1359–1362.
2. ***Eman M. M. MOUSTAFA, N. TANGE, A. SHIMADA & T. MORITA (2010):*** Experimental
Scuticociliatosis in Japanese Flounder (*Paralichthys olivaceus*) Infected with *Miamiensis
avidus*: Pathological Study on the Possible Neural Routes of Invasion and Dissemination of the
Scuticociliate inside the Fish Body. ***J. Vet. Med. Sci.*** 72(12): 1557–1563.



3. **EMAN M. M. MOUSTAFA & T. M. MOUSA-BALABEL (2011):** Behavioral and Pathological changes in Flat Fish (*Paralichthys olivaceus*) Infected with *Miamiensis avidus*. *Kafr El-Sheikh Vet. Med. J.*, Egypt. 9:2. 355-367.
4. **Mahfouz N. B.; Moustafa E. M. & El-Baz N. F. (2016):** Studies on some Bacterial Diseases in some cultured freshwater fishes in Kafr El-Sheikh Governorate. *Kafr El-Sheikh, Vet. Med. 4th Sci. Congress.* 12-14 May, pp. 149-161.
5. **Moustafa E. M.; Omar A. A. & Abdo W. S. (2016):** Insight into the virulence-related genes of *Edwardsiella tarda* isolated from infected freshwater fish in Egypt. *World's Veterinary Journal.* 6 (3): 100-108, September 25.
6. **Omar A. A., Moustafa E. M. & Zayed M. M. (2016):** Identification and Characterization of Virulence- Associated Genes from Pathogenic *Aeromonas Hydrophila* Strains. *World's Veterinary Journal.* 6(4): 185-192, December 25.
7. **Moustafa, E. M. & Abd El-Kader, M. F. (2017):** Effects of different starvation intervals and Refeeding on growth and some hematological parameters in *Oreochromis niloticus* Monosex fries. *Int. J. of Fisheries and Aquatic Studies,* 5 (3): 171-175.
8. **Gado, M.S.M.; Mahfouz, N. B.; Moustafa, E. M. M. & Lolo, E. E.(2017):** Prevalence of some ectoparasitic diseases in African catfish (*Clarias gariepinus*) at Kafr El-Sheikh Governorate. *Int. J. of Fisheries and Aquatic Studies,* 5 (3): 576-583.
9. **Eman M. M. Moustafa; Marwa F. Abd El-Kader, Nagwan M. El-Habashi, and T. M. Mousa-Balabel (2017):** Insight into the role of alternative Starvation-Refeeding Regime in *Oreochromis niloticus* fingerlings Performance. *Alexandria Journal of Veterinary Sciences (AJVS),* 54 (1): 57-69.
10. **Mohamed S.M. Gado, Nadia B. Mahfouz, Eman M.M. Moustafa and Amina M. M. Abd El-Gawad (2017):** Prevalence of Monogenetic Trematodal Diseases in Some freshwater fishes at Kafr El-Sheikh Governorate. *Life Science Journal;*14(8). Pp: 19-33.
11. **Amira Alaa El-Dein Omar, Eman Moustafa Moustafa, Etab M. Abo-Remela and Mohamed Mamdouh Zayed (2017):** Prevalence, Molecular Characterization, Pathogenicity and Antimicrobial susceptibility of *Pseudomonas fluorescens* isolated from *Oreochromis niloticus*. *Life Science Journal ;*14(8). Pp: 53-61.



12. **Eman M. M. Moustafa and Marwa F. Abd El-Kader (2017):** Seasonal Screening of Some coccidiate Parasitic Diseases in African Catfish (*Clarias gariepinus*) at Kafr El-Sheikh and Dakahlia Governorate. **The 1st International conference & exhibition sustainable development of Aquaculture. Abbassa International Journal.**, Cairo, Egypt. 20-22 November, 2017:106-130.
13. **Marwa F. Abd El-Kader, Eman M. M. Moustafa and Amira A.Z. Omar (2017):** Assessment of single and combined co-infection of *Aeromonas hydrophila* and *Vibrio parahaemolyticus* on disease pathogenicity in *Oreochromis niloticus*. **The 1st International conference & exhibition sustainable development of Aquaculture. Abbassa International Journal.** Cairo, Egypt. 20-22 November, 2017:131-157.
14. **Marwa F. Abd El-Kader, Eman M. M. Moustafa and Tarek M. Mousa-Balabel (2017):** Short and Long feed Starvation-Refeeding Regime in Polyculture Ponds of *Oreochromis niloticus* and *Mugil cephalus*. **Nature and Science**; 15(8):203-208.
15. **Mabrouk El-Sabagh, Radi Mohamed, Eman M. Moustafa, Ahmad Hamza, Foad Farag, Olivier Decamp, Mahmoud A. O. Dawood and Mahmoud El-Tholth (2018):** Assessing the impact of Bacillus strains mixture probiotic on water quality, growth performance, blood profile and intestinal morphology of Nile tilapia, *Oreochromis niloticus*. **Aquaculture Nutrition**; 24(6):1613-1622.
16. **Mahmoud A. O. Dawood, Shunsuke Koshio, Amr I. Zaineldin, Hien Van Doan, Eman M. Moustafa, Mohamed M. Abdel-Daim, M. Angeles Esteban and Mohamed S. Hassaan (2019):** Dietary supplementation of selenium nanoparticles modulated systemic and mucosal immune status and stress resistance of red sea bream (*Pagrus major*). **Fish Physiology and Biochemistry**. <https://doi.org/10.1007/s10695-018-0556-3> 45 (1): 219-230.
17. **Taha Ismail, El-Desoky Nassef, El-Sayed Hegazi, Abdel-Nasser Bakr, Eman M. Moustafa, Walied Abdo and Zizy I. Elbialy (2019):** The Modulatory Effect Of Dietary Betaine On Intestinal Absorptive Capacity, Lipogenesis And Expression Of Lipid Metabolism- And Growth-Related Genes In Nile Tilapia Fed On Soybean Meal-Based Diet. **Slov Vet Res**; 56 (Suppl 22): 25–38.



18. Fawzy I. Magouz , Mahmoud F. Salem, Eman M. Moustafa and Salwa A. Elkhamy (2019): Impact Of Biomos And Agrimos Dietary Supplementation On Growth Performance, Feed Utilization And Immunological Parameters Of Nile Tilapia (*Oreochromis niloticus*) Fingerlings. *Slov Vet Res*; 56 (Suppl 22): 87–98.
19. Fawzy I. Magouz , Malik M. Khalafalla, Eman M. Moustafa and Amir S. Sadek (2019): The Impact Of Different Stocking Densities And Dietary Protein Levels On The Performance Of African Catfish (*Clarias Gariepinus*) Fingerlings. *Slov Vet Res*; 56 (Suppl 22): 229-238.
20. Nadia B. Mahfouz , Eman M. Moustafa, Mohamed Kassab and Wesam h.Marzouk (2019): Seasonal Screening of the Mycotic Infections of Cultured Freshwater Fishes in Kafra El-Sheikh Governorate. *Slov Vet Res*; 56 (Suppl 22): 321-331.
21. Mahmoud A. O. Dawood, Mohamed Mohsen, Ashraf ElDakar, Elsaid Abdelraouf, Eman M. Moustafa and Hamada A. Ahmed (2019): Effectiveness Of Exogenous Digestive Enzymes Supplementation On The Performance Of Rabbitfish (*Siganus Rivulatus*). *Slov Vet Res*; 56 (Suppl 22): 409-419.
22. Mahmoud A. O. Dawood, Nabil M. Eweedah, Eman M. Moustafa and Mohamed G.Shahin (2019): Effects of Feeding-regimen of Dietary *Aspergillus oryzae* on the Growth Performance, Intestinal Morphometry and Blood Profile of Nile tilapia (*Oreochromis niloticus*). *Aquaculture Nutrition*. [https:// DOI: 10.1111/anu.12923](https://doi.org/10.1111/anu.12923); 25(5):1063–1072.
23. Ahmed Mansour, Nadia B. Mahfouz, Mona M. Husein, Amira A.Z. Omar and Eman M. Moustafa (2019): Molecular Characterisation and Pathogenicity Evaluation of *Aeromonas hydrophila* Strains Isolated From Cultured Tilapia (*Oreochromis niloticus*) In Egypt. *Indian Journal of Fisheries*; 66 (2): 93-100.
24. Awatef H. Hamouda, Eman M. Moustafa and Mohamed M. Zayed (2019): Overview on Bacterial Diseases Infecting *Oreochromis niloticus* at Aswan Fish Hatchery, Egypt. *Advances in Animal and Veterinary Sciences*. 7 (11): 950-961.
25. Fatma AM A. Hussein, Riad H Khalil, Talaat T Saad, Eman M. Moustafa, Emad E Lolo (2019): Multifactorial Shrimp Pathogens And Innate Immune Response. *Journal of the Arabian Aquaculture Society* (Arabian Aquaculture Conference) 12
26. Mahmoud A. O. Dawood, Nabil M. Eweedah, Eman M. Moustafa and Mohamed G.Shahin (2020): Synbiotic Effects of *Aspergillus oryzae* and β -Glucan on Growth and Oxidative and



Immune Responses of Nile Tilapia, *Oreochromis niloticus*. *Probiotics and Antimicrobial Proteins*. <https://doi.org/10.1007/s12602-018-9513-9>; 12:172–183.

27. *Awatef H. Hamouda and Eman M. Moustafa (2020)*: Insight on Prevailing Bacterial Diseases Affecting Grass carp (*Ctenopharyngodon idella*) at Aswan Fish Hatchery, Egypt. *Alexandria Journal for Veterinary Sciences*. 64 (1): 5-16.
28. *Marwa F Abd El-Kader, Ahmed F Fath El-Bab, Moustafa Shoukry, Abdel-Wahab A Abdel-Warith, Elsayed M Younis, Eman M Moustafa, Hanan B El-Sawy, Hamada A Ahmed, Hien Van Doan and Mahmoud AO Dawood (2020)*: Evaluating the possible feeding strategies of selenium nanoparticles on the growth rate and wellbeing of European seabass (*Dicentrarchus labrax*). *Aquaculture Reports*. 18, 100539.
29. *Ashraf Abd El Tawab, Fatma Elhofy, Eman M Moustafa Moustafa and Marwa Halawa (2020)*: Isolation and Molecular Identification of Aspergillus species from Cultured Nile Tilapia (*Oreochromis niloticus*). *Benha Veterinary Medical Journal*. 38 (2):136-140.
30. *Eman M. Moustafa, Mahmoud A. O. Dawood, Doaa H. Assar, Amira A. Omar, Zizy, I. Elbially, Foad Farrag, Mustafa Shukry and Mohamed M. Zayed (2020)*: Modulatory effects of fenugreek seeds powder on the histopathology, oxidative status, and immune related gene expression in Nile tilapia (*Oreochromis niloticus*) infected with *Aeromonas hydrophila*. *Aquaculture*. 515, 734589.
31. *Mahmoud A.O. Dawood, Eman M. Moustafa, Mahmoud S. Gewaily, Safaa E. Abdo, Marwa F. AbdEl-kader, Moustafa S. SaadAllah, Awatef H. Hamouda (2020)*: Ameliorative effects of *Lactobacillus plantarum* L-137 on Nile tilapia (*Oreochromis niloticus*) exposed to deltamethrin toxicity in rearing water. *Aquatic Toxicology*. 105377.
32. *Mahmoud A.O. Dawood, Marwa F. AbdEl-kader, Eman M. Moustafa, Mahmoud S. Gewaily and Safaa E. Abdo (2020)*: Growth performance and hemato-immunological responses of Nile tilapia (*Oreochromis niloticus*) exposed to deltamethrin and fed immunobiotics. *Environmental Science and Pollution Research*. 27:11608-11617.
33. *Mahmoud A.O. Dawood, Safaa E. Abdo, Mahmoud S. Gewaily, Eman M. Moustafa, Moustafa S. SaadAllah, Marwa F. Abd El-kader, Awatef H. Hamouda, Amira A. Omar, Rasha A. Alwakeel (2020)*: The influence of dietary β -glucan on immune, transcriptomic,



inflammatory and histopathology disorders caused by deltamethrin toxicity in Nile tilapia (*Oreochromis niloticus*). *Fish & shellfish immunology*. 98:301-311.

34. [Mahmoud A.O. Dawood, Nabil M. Eweedah, Eman Moustafa Moustafa, Elsayed M. Farahat \(2020\):](#) Probiotic effects of *Aspergillus oryzae* on the oxidative status, heat shock protein, and immune related gene expression of Nile tilapia (*Oreochromis niloticus*) under hypoxia challenge. *Aquaculture* 520, 734669.
35. [Ashraf Abdel El-Tawab, Fatma El-Hofy, Eman M. Moustafa, Marwa R. Halawa \(2020\):](#) Insight into isolation, identification and antimicrobial sensitivity of somemoulds isolated from fresh water fishes. *Advances in Animal and Veterinary Science* 8 (2), 174-182.
36. [Mahmoud A.O. Dawood, Eman Moustafa Moustafa, Zizy I. Elbially, Foad Farrag, Emad E.E. Lolo, Hanaa A. Abdel-Daim, Mohamed M. Abdel-Daim, Hien Van Doan \(2020\):](#) *Lactobacillus plantarum* L-137 and/or β -glucan impacted the histopathological, antioxidant, immune-related genes and resistance of Nile tilapia (*Oreochromis niloticus*) against *Aeromonas hydrophila*. *Research in veterinary science*. 130:212-221.
37. [Seham El-Kassas, Safaa E. Abdo, Wesam Abosheashaa, Radi Mohamed, Eman M. Moustafa, Mohamed Atif, Karima El-Naggar \(2020\):](#) Growth performance, serum lipid profile, intestinal morphometry, and growth and lipid indicator gene expression analysis of mono-sex Nile tilapia fed *Moringa oleifera* leaf powder. *Aquaculture Reports*. 18.100422.
38. [Mahmoud A. O. Dawood, Nabil M. Eweedah, Eman Moustafa Moustafa, Mohamed E. El-Sharawy, Ali A. Soliman, Asem A. Amer and Mesbah Hagag Atia \(2020\):](#) Copper nanoparticles mitigate the growth, immunity, and oxidation resistance in common carp (*Cyprinus carpio*). *Biological trace element research*. 198 (1): 283-292.
39. [Eman M. Moustafa, Talaat T. Saad , Riad H. Khalil , Mahmoud A.O. Dawood, Emad E. Lolo \(2020\):](#) The ameliorative role of synbiotic culture techniques application in white shrimp (*Litopenaeus vannamei*) during nursery stage. *Advances in Animal and Veterinary Science*. 8 (3):260-277.
40. [Eman M Moustafa, Foad A Farrag, Mahmoud AO Dawood, Khalid Shahin, Ahmad Hamza, Olivier Decamp, Radi Mohamed, Mabrouk Elsabagh, Mahmoud Eltholth, Amira A Omar \(2020\):](#) Efficacy of Bacillus probiotic mixture on the immunological responses and



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histopathological changes of Nile tilapia (*Oreochromis niloticus*, L) challenged with *Streptococcus iniae*. *Aquaculture Research*. 52:2205-2219.

41. *Dalia EA Gobarah, Salwa M Helmy, Nadia B Mahfouz, Hanan A Fahmy, Mayada AM Abou Zeid, Eman M Moustafa (2021):* Phenotypic and Molecular Characterization of *Vibrio Species* Isolated from Fish markets in Egypt. *Journal of the Hellenic Veterinary Medical Society* 72 (2), 2817-2824.
42. *Marwa F Abd El-Kader, Mustafa Shukry, Mahmoud AO Dawood, Mohamed M Hassan, Foad Farrag, Amira Omar, Hanan B El-Sawy, Mohamed A Abd Alaziz, Hazem S Hamouda, Mohamed F Abd-Elghany, Eman M Moustafa (2021):* Ameliorative effect of dietary lipopolysaccharides on *Oreochromis niloticus* juveniles submitted to aflatoxin B1-induced oxidative stress and bacterial challenge. *Aquaculture Research*. 52:3660-3676.
43. *Fawzy I. Magouz, Ahmed K. El-Hamady, Eman M. Moustafa and Ahmed I A Mansour (2021):* Assessing the Impact of using biofloc system with different feeding rates on Nile Tilapia (*Oreochromis niloticus*) Performance. *Journal of the Hellenic Veterinary Medical Society* 72 (2):2935-2944.
44. *Nagi M.El-Shafai, Ibrahim M.El-Mehasseb, Mustafa Shukry, Foad Farrag, Mohamed M. Ibrahim, Mohamed S. Ramadan, Mahmoud A.O. Dawood, Eman M.Moustafa and Maged A.El-Kemary (2021):* Influence nanohybrid of (GO@Se.ZnO) for enhancing the fish production wealth and economical return via the improvement dietary, immunity, physiological and antioxidant activity on Nile Tilapia. *Materials Chemistry and Physics*. 266.
45. *Ashraf A. Abd El Tawab, Fatma I. El Hofy, Eman M. Moustafa, Ramadan M.Tag Eldin, Enas A. Soliman and Khaled G. Gebril (2021):* Isolation, Identification and Antimicrobial sensitivity of some fungi causing diarrhea in sheep and goats. *Nature and science*. 19 (7): 27-38.
46. *Mahmoud S. Gewaily, Safaa E. Abdo, Eman M. Moustafa, Marwa F. AbdEl-kader, Ibrahim M. Abd El-Razek, Mohamed El-Sharnouby, Mohamed Alkafafy, Sayed Haidar Abbas Raza, Mohammed F. El Basuini, Hien Van Doan and Mahmoud A. O. Dawood (2021):* Dietary Synbiotics Can Help Relieve the Impacts of Deltamethrin Toxicity of Nile Tilapia Reared at Low Temperatures. *Animals*. 11 (1790). <https://doi.org/10.3390/ani11>



47. **Eman M. Moustafa, Marwa F. Abd El-Kader, Montaser M. Hassan, Ahmed F. Fath El-Bab, Amira Omar, Foad Farrag, Ahmed G. Gewida, Mohamed F. Abd-Elghany, Mustafa Shukry and Rasha A. Alwakeel (2021):** Trial for use nanoselenium particle with different dietary regime in *Oreochromis niloticus* and *Mugil cephalus* polyculture ponds: Growth efficiency, haematological, antioxidant, immunity and transcriptional analysis. *Veterinary Medicine and Science* 7:1575-1586.
48. **Mahmoud S Gewaily, Mustafa Shukry, Marwa F Abdel-Kader, Mohamed Alkafafy, Foad A. Farrag, Eman M Moustafa, Hien Van Doan, Mohamed F Abd-Elghany, Ahmed F Abdelhamid, Azhar Eltanahy and Mahmoud AO Dawood (2021):** Dietary *Lactobacillus plantarum* Relieves Nile Tilapia (*Oreochromis niloticus*) Juvenile From Oxidative Stress, Immunosuppression, and Inflammation Induced by Deltamethrin and *Aeromonas hydrophila*. *Frontiers in Marine Science*. (In press)
49. **Eman M Moustafa, Riad H Khalil, Talaat T Saad, Mahmoud T Amer, Mustafa Shukry, Foad Farrag, Ali A Elsayy, Emad E Lolo, Mohamed I Sakran, Awatef H Hamouda (2021):** Silver nanoparticles as an antibacterial agent in *Oreochromis niloticus* and *Sparus auratus* fish. *Aquaculture Research*.52:6218-6234.
50. **Ashraf A. Abd El Tawab, Fatma I. El Hofy, Eman M. Moustafa, Ramadan M.Tag Eldin; Enas A. Soliman and Khaled G. Gebril (2021):** Mycological and Molecular detection of some fungi causing diarrhea in sheep and goats. *Benha Veterinary Medical Journal*. 40(2):78-83.
51. **Abuelhassan E. Younis, Awatef H. Hamouda and Eman M. Moustafa (2022):** *Euclinostomum heterostomum* and *E. ardeolae* in tilapia species of Aswan Governorate, Egypt: morphological, molecular, and histopathological characterization. *Aquaculture International*. 30:825–844. <https://doi.org/10.1007/s10499-022-00839-1>
52. **Fawzy Magouz, Saeed Mahmoud, Eman M. Moustafa and Reham Elmorsy (2022):** Effectiveness of Allzyme SSF and Polizyme® multimix feed additives on Growth Performance, Feed Utilization and Immunological Parameters of Nile Tilapia (*Oreochromis niloticus*) Fingerlings. *Journal of the Hellenic Veterinary Medical Society*. 73 (2): 3941-3950
53. **Fawzy Magouz, Hasnaa Abu-Ghanima, Amr I. Zaineldin, Mahmoud S. Gewaily, Ali Soliman, Asem A. Amer, Eman M. Moustafa, Elsayed M. Younis, Abdel-Wahab A. Abdel- Warith, Simon**



- J. Davies, Hien Van Doan, Wanaporn Tapingkae and Mahmoud A. O. Dawood (2022): Dietary *Bacillus subtilis* relieved the growth retardation, hepatic failure, and antioxidative depression induced by ochratoxin A in Thinlip Mullet (*Liza ramada*). *Aquaculture Reports*. 22. 100984
54. Seham El-Kassas, Nesreen Aljahdali, Safaa E. Abdo, Fatima S. Alaryani, Eman M. Moustafa, Radi Mohamed, Wesam Abosheashaa, Esraa Abdulraouf, Mohamed Atef Helal, Manal E. Shafi, Mohamed T. El-Saadony, Karima El-Naggat and Carlos Adam Conte-Junior (2022): *Moringa oleifera* Leaf Powder Dietary Inclusion Differentially Modulates the Antioxidant, Inflammatory, and Histopathological Responses of Normal and *Aeromonas hydrophila*-Infected Mono-Sex Nile Tilapia (*Oreochromis niloticus*). *Frontiers in Veterinary Science*. 9:918933. [https://doi: 10.3389/fvets.2022.918933](https://doi.org/10.3389/fvets.2022.918933)
55. Gobarah, D. E. A.; Helmy, S. M.; Mahfouz, N. B.; Fahmy, H. A.; Abou Zeid, M A M. and Moustafa, Eman Moustafa (2023): Molecular Characterization of Antimicrobial Resistance of *Vibrio* Species isolated from fish in Egypt. *Journal of the Hellenic Veterinary Medical Society*. 74 (1): 5101-5110 [https://doi: 10.12681/jhvms.24078](https://doi.org/10.12681/jhvms.24078)
56. Moustafa, E. M., Farrag, F. A., Shukry, M., Salah El Din, H. M. and Omar, A.A. (2024): Ameliorative effect of BIO-MOS® as a dietary supplementation on growth performance, physiological response, oxidative status, and immunity-linked gene expression in Nile tilapia (*Oreochromis niloticus*) fingerlings challenged with *Aeromonas hydrophila*. *Open Veterinary Journal*. 14(1): 116-135.
57. Moustafa, E. M., Shukry, M., Zayed, M.M., Farrag, F. A., Abd El-Aziz, W.E. and Omar, A.A. (2024): Impact of Sel-Plex® dietary supplementation on growth performance, physiological response, oxidative status, and immunity-linked gene expression in Nile tilapia (*Oreochromis niloticus*) fingerlings challenged with *Aeromonas hydrophila*. *Open Veterinary Journal*. 14(1): 70-89.
58. Omar, A.A.; Marzouk, M. S.; Mahfouz, N. B.; Massoud, A. M.; Shukry, M.; Farrag, F.; Zayed, M. M.; Abd Alaziz, M. A. and Moustafa E. M. (2024): Effects of the putative probiotics *Bacillus licheniformis*, *Bacillus pumilus* and *Bacillus subtilis* on white leg shrimp, *Litopenaeus vannamei*, immune response, gut histology, water quality, and growth performance. *Open Veterinary Journal*. 14(1): 144-153.



59. Magouz, F. I.; Moustafa, E. M.; Abo-Remela, E. M.; Halawa, M. R.; Barakaat, P. M. and Omar, A. A. (2024): Summer mortality syndrome: bacterial pathogens in farmed Nile tilapia (*Oreochromis niloticus*). *Open Veterinary Journal*. 14(1): 53-69.
60. Mahmoud A.O. Dawood; Safaa E. Abdo; Seham El-Kassas; Karima El-Naggar; Rasha A. Al wakeel; Eman M. Moustafa and Samah Abou Asa (2024): Chicken egg lysozyme enhanced the growth performance, feed utilization, upregulated immune-related genes, and mitigated the impacts of *Aeromonas hydrophila* infection in Nile tilapia (*Oreochromis niloticus*). *Fish and Shellfish Immunology*. 146 (2024) 109377.

VII- Attended conferences:

1. Sixth Scientific Conference, Fac.Vet. Med. Zag. Univ., (7-9 Sept. 2002), Hurghada, Egypt.
2. Kafr EL-Sheikh, Vet. Med. J., 1st Scientific Congress. 6-8 May, 2003, Egypt.
3. Kafr EL-Sheikh, Vet. Med. J., the 2nd Scientific international Conference. 3-5 May, 2006, Alexnadria, Egypt. (Veterinary medicine and Human Health).
4. First Egypt-Japan international Symposium on Science and Technology (EJISST2008) June 8~10, 2008 – WASEDA University, Tokyo, Japan.
5. The 148th annual meeting of Japanese Society of Veterinary Medicine, Tottori University, Tottori (September 25-27, 2009), Japan.
6. Kafr EL-Sheikh, Vet. Med. J., the 4th Scientific international Conference. 12-14 May, 2016, Alexandria, Egypt. (Activating modern technologies to improve livestock).
7. The 1st International conference & exhibition sustainable development of Aquaculture. 20-22 November, 2017. Cairo, Egypt.
8. The Ninth International Scientific Conference of The Egyptian Veterinary Medical Association for Parasitology held on **18th October, 2018**. Alexandria, Egypt.
9. The 5th Scientific international conference of the faculty of veterinary medicine, Kafrelsheikh University. **5-9 March, 2019**. Hurghada, Egypt.



10. The 6th Scientific international conference of the faculty of veterinary medicine, Kafrelsheikh University. **17-21 November, 2021.** Hurghada, Egypt.
11. The 18th Annual international Scientific Conference of Faculty of Veterinary Medicine, Zagazig University. **8-11 November, 2023.** Hurghada, Egypt.
12. The 7th Scientific international conference of the faculty of veterinary medicine, Kafrelsheikh University. **24-27 April, 2024.** Hurghada, Egypt.

VIII- List of workshops

1. Participant in the Scientific Symposium entitled "Disease problems in fish farms of Kafrelsheikh Governorate" hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **18th-May-2014.**
2. Participant in the Symposium entitled (Ethical Guidelines for Animal Care and Use in Scientific Research), organized by Institutional animal care and use Committee, Faculty of Veterinary Medicine, USC. Held at Faculty of Veterinary Medicine, University of Sadat City, **November 28, 2015,** Egypt.
3. Lecturer in the work shop entitled "Fish Aquaculture and Poultry Wealth" and the lecture entitled (Fish Diseases; Prevention and treatment) on Monday **10th April-2017** at Agricultural center, Kafr El-Sheikh Governorate.
4. Participant in The 1st Aquaculture Workshop of The Egyptian Veterinary Medical Syndicate held on **9th September, 2017.** Baltim, Kafr El-Sheikh, Egypt.
5. Participant in The 4th meeting for (Aquaculture Development Group) of The Egyptian Veterinary Medical Syndicate held on **30th October, 2017.** Al-Abassa, Sharkia, Egypt.
6. Lecturer in the work shop entitled "Fish Aquaculture and Poultry Wealth" and the lecture entitled (Fish Diseases; Prevention and treatment) on Tuesday **17th April-2018** at Agricultural center, Kafr El-Sheikh Governorate.
7. Participant in the Workshop entitled (The challenges facing the development of fish feed factories in Egypt seeking to launch the Union of Aquatic Producers in Egypt) held on **13th February, 2018.** Kafr El-Sheikh, Egypt.
8. Participant in the workshop entitled (Biological safety in molecular biology labs and using of personal protection facilities). held in the Faculty of Veterinary Medicine,



Kafrelsheikh University on **25th-March-2018**.

9. Participant in the workshop entitled (Advantages and possible zoonotic risks from owning a pet animal). held in the Faculty of Veterinary Medicine, Kafrelsheikh University on **15th-November-2019**.
10. Participant in the workshop entitled (The main features and trends of livestock, poultry and fisheries development in light of the strategy of sustainable agricultural development 2030); Academy of Scientific Research and Technology, Cairo, **28th March, 2019**. Academy of scientific Research and technology, Cairo, Egypt.
11. Participant in the workshop entitled (Nanotechnology techniques and possibility for application in the field of poultry diseases). held in the Faculty of Veterinary Medicine, Kafrelsheikh University on **11th-April-2021**.
12. Participant in the webinar entitled (Intensive USSEC's Aqua Pond Nutrition Health and Biosecurity Training Program Webinar). In cooperation with World Fish, Egypt. **Wednesday 26th May 2021**.
13. Lecturer in the workshop entitled (Biosecurity in fish farms) held in Faculty of Veterinary Medicine, Kafr El-Sheikh University. **22-23 August, 2021**.
14. Participant in the webinar entitled (USSEC's Feed and Feeding Management on Farms Training Program) In cooperation with World Fish, Egypt. **Wednesday 27th January 2022**.
15. Participant in the webinar entitled (Shrimp Cultivation in the desert). Online. ED- Aqua, Egypt. **Friday 5th July, 2022**.
16. Participant in the webinar entitled (Basics of shrimp farming and the most common diseases). Online. ED- Aqua, Egypt. **Friday 29th July, 2022**.
17. Participant in the webinar entitled (Managing the nutrition file in shrimp farms). Online. ED- Aqua, Egypt. **Friday 19th August, 2022**.
18. Participant in the workshop entitled (Professional Writing of grant Proposal (2): Writing compelling research section). Organized in collaboration with the Egyptian Knowledge Bank. Online, Egypt. **Wednesday 14th September, 2022**.

IX-Skills and training programs:



1. Holding the position of **Deputy Director of Quality Assurance Unit for Accreditation Affairs...Faculty of Veterinary Medicine, Kafr El-Sheikh Univ. from 22/1/2013 till 31/1/2016.**
2. A member of the University Leaders Selection Committee since 2014/2015.
3. Holding the position of **Director of the Quality Assurance Unit and Deputy Director of the Central Lab. For Diagnosis and researches of Animals , birds and fish. From 13th June 2021 till now.**
4. A member of the **executive and administrative team of the Central Lab. For Diagnosis and researches of Animals , birds and fish.** Faculty of Veterinary Med., Kafrelsheikh Univ.
5. Holding the position of the **General Coordinator of the Excellence program of Fish and Crustaceans Diseases and Management** since **12th September 2021.**
6. Holding **ICDL** certificate from 2006.
7. Holding international **TOEFL** certificate, Cairo branch on 9 February-2006.
8. Obtaining several training programs of **FLDP** and **IFLDC** such as:
 - a. ***University Staff Qualifying.***
 - b. ***Codes of Ethics.***
 - c. ***Developing Thinking skills.***
 - d. ***Effective Communication.***
 - e. ***Scientific Research.***
 - f. ***Effective Teaching.***
 - a. ***Legal aspects in University Environment.***
 - b. ***Effective presentation skills.***
 - c. ***Time and work stress management.***
 - d. ***Thinking.***
 - e. ***Use of technology in Teaching.***
 - f. ***Application of regulations and control subjects.***
 - g. ***Statistical Analysis using SPSS.***
 - h. ***Exams Systems and students Evaluation.***



- i. *Scientific conferences Preparation.*
 - j. *Credit Hours.*
 - k. *Competitive Research Projects.*
 - l. *Strategic Planning.*
 - m. *University Management.*
 - n. *Management of Research team.*
 - o. *Decision making and Problem Solving.*
 - p. *Quality Standards in Teaching Process.*
 - q. *International Scientific Publication.*
 - r. *Mobile Application (Digital Transformation Courses).*
9. Obtaining several training programs of **ICTT** such as **SPSS** and **application of regulations and control subjects.**
 10. Holding the university prize for the **International Scientific Publication on 4/2012 (Two paper).**
 11. Holding the university prize for the **International Scientific Publication on 4/2019 (One paper).**
 12. Holding the university prize for the **International Scientific Publication on 4/2020 (five paper).**
 13. Holding the university prize for the **International Scientific Publication on 4/2021 (one paper).**
 14. Holding the university prize for the **International Scientific Publication on 4/2022 (three paper).**
 15. Holding the university prize for the **International Scientific Publication on 4/2023 (two paper).**
 16. Participant in the **1st Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 6th-8th-May-2003.**
 17. Participant in the **2nd Scientific International Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 3rd -5th-May-2006.**
 18. Participant in the **4th Scientific International Conference of the Faculty of**



Veterinary Medicine, Kafrelsheikh University on 12th-14th-May-2016.

19. Participant in the **Scientific Symposium entitled "Disease problems in fish farms of Kafrelsheikh Governorate"** hold in the Faculty of Veterinary Medicine, Kafrelsheikh University on **18th-May-2014.**
20. Lecturer in the work shop entitled **"Fish Aquaculture and Poultry Wealth"** and the lecture entitled (Fish Diseases; Prevention and treatment) on Monday **10th April-2017** at Agricultural center, Kafr El-Sheikh Governorate.
21. Lecturer in the work shop entitled **"Fish Aquaculture and Poultry Wealth"** and the lecture entitled (Fish Diseases; Prevention and treatment) on Tuesday **17th April-2018** at Agricultural center, Kafr El-Sheikh Governorate.
22. Participant in the Symposium entitled **(Ethical Guidelines for Animal Care and Use in Scientific Research)**, organized by Institutional animal care and use Committee, Faculty of Veterinary Medicine, USC. Held at Faculty of Veterinary Medicine, **University of Sadat City, November 28, 2015**, Egypt.
23. Participant in The 2nd meeting for **(Aquaculture Development Group)** of The Egyptian Veterinary Medical Syndicate held on **5th August, 2017.**
24. Participant in The 1st **Aquaculture Workshop** of The Egyptian Veterinary Medical Syndicate held on **9th September, 2017.**
25. Participant in The 4th meeting for **(Aquaculture Development Group)** of The Egyptian Veterinary Medical Syndicate held on **30th October, 2017** at El-Abbassa, Sharkia.
26. Participant in the meeting **(The challenges facing the development of fish feed factories in Egypt seeking to launch the Union of Aquatic Producers in Egypt)** held on **13th February, 2018** at Kafr El-Sheikh, Egypt.
27. Participant in the workshop entitled **(Biological safety in molecular biology labs and using of personal protection facilities).** held in the Faculty of Veterinary Medicine, Kafrelsheikh University on **25th-March-2018**



28. Participant in The Ninth International Scientific Conference of The Egyptian Veterinary Medical Association for Parasitology held on **18th October, 2018**. Alexandria, Egypt.
29. Participant in the 5th Scientific International Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on **5th-9th-March-2019**.
30. Participant in the workshop entitled (The main features and trends of livestock, poultry and fisheries development in light of the strategy of sustainable agricultural development 2030); Academy of Scientific Research and Technology, Cairo, **28th March, 2019**.
31. Participant in the workshop entitled (Advantages and possible zoonotic risks from owning a pet animal). held in the Faculty of Veterinary Medicine, Kafrelsheikh University on **15th-November-2019**.
32. Participant in the workshop entitled (Nanotechnology techniques and possibility for application in the field of poultry diseases). held in the Faculty of Veterinary Medicine, Kafrelsheikh University on **11th-April-2021**.
33. Participant in the webinar entitled (Intensive USSEC's Aqua Pond Nutrition Health and Biosecurity Training Program Webinar). In cooperation with World Fish, Egypt. **Wednesday 26th May 2021**.
34. Participant in the 6th Scientific International Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on **17th-21st -November-2021**.
35. Participant in the 18th Annual international Scientific Conference of the Faculty of Veterinary Medicine, Zagazig University on **8th-11th -November-2023**.
36. Participant in the 7th Scientific International Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on **24th-27st -April-2024**.



لضمان جودة التعليم والإعتماد



X-Research Activities:

- Google Scholar** https://scholar.google.com/citations?hl=en&user=gjah5TMAAAAJ&scilu=&scisig=AMD79ooAAAAAYjwSKf26Vx82i8J1BJQSVeYbH0CK7CuT&gmla=AJsN-F4x-WIP4LBjXoY3KyWGpnQrtQoQPWYEPeRCD9tk_Bez6CvHYIEPWIRrDPk1CKXIFA-39Vlkd6h1kKLsPDYeLdoscktpzKWJXvwLPe5uc27HSk25eVY&sciund=3378330181702939308&gmla=AJsN-F7t3pNeaj18HZAO17YQeoEnZRrx27tzVq1wVWBxIhpECVh887bEU-C3VqcO5tZLSFEEn700ghGJDhCInhXduKjeOK7LAGzv_jmDPnxbGrPDMOPq2DI&sciund=8809071764311000886
- Research gate** <https://www.researchgate.net/profile/Eman-Moustafa-2>
- Orchid No.** <https://orcid.org/0000-0002-7788-8533>
- Scopus author ID** <https://www2.scopus.com/authid/detail.uri?authorId=57202263657>
[Scopus Author ID: 57202263657](#)
- Publons** <https://publons.com/wos-op/researcher/4523478/eman-moustafa>
- Web of science research ID** <https://www.webofscience.com/wos/author/record/AAI-1388-2021>

Dr. Eman Moustafa Moustafa

Head of Department

Prof. Dr. Eman Moustafa Moustafa

Faculty's Dean

Prof. Dr. Bassiouny Heleil