

CURRICULUM VITAE

Personal data:

Name	Mohamed Sayed Mohamed Marzouk
Date of birth	31/08/1950
Place of birth	Cairo, Egypt
Nationality	Egyptian
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EDUCATION:

1968 - 1973	Faculty of Veterinary Medicine, Cairo University
1973	Bachelor of Veterinary Medical Sciences (BVSc) with grade "Very Good with Honour degree".
1977	Master degree in Veterinary Medical Sciences, Faculty of Veterinary Medicine, Cairo University
1981	Doctor degree (Ph. D) in fish Diseases, Faculty of Veterinary Medicine, Ludwig Maximillian University, Munich, West Germany.

Academic Appointments:

1973 - 1977	Demonstrator of Infectious Diseases, Faculty of Veterinary Medicine, Cairo University
1977 - 1981	Assistant Lecturer of Infectious Diseases, Faculty of Veterinary Medicine, Cairo University
1981 - 1986	Lecturer of Animal and Fish Diseases, Faculty of Veterinary Medicine, Cairo University
1986 - 1991	Assistant Professor of Fish Diseases and Management, Faculty of Veterinary Medicine, Cairo University
1991 - Now	Professor of Fish Diseases and Management, Faculty of Veterinary Medicine, Cairo University
2000 - 2010	Head of Fish Diseases and Management Department, Faculty of Veterinary Medicine, Cairo University

Scientific Missions and Fellowships:

- 1977 - 1981 Egyptian governmental mission for obtaining Ph. D. in Fish Diseases, West Germany.
- 1989 Peace Fellowship in USA as visiting Scientist in Maryland University, College Park, USA.
- 1989 Field trips in Fish and Wildlife science, Virginia and West Virginia, USA.

Memberships in Professional Veterinary and Fish Societies:

- 1973 - Now Veterinary Surgeon Syndicate in Cairo, Egypt.
- 1973 - Now The Egyptian Veterinary Medical Association in Cairo, Egypt
- 1990 - Now The American Fisheries Society (AFS) in Maryland, USA.
- 2004 - Now Scientific society for animal and poultry management.

Standing Committee of Promotion:

1. Member in the Standing Committee of Promotion for Scientific staff (Assistant Professors of Fish and Poultry Diseases), Supreme Council of the Universities, Ministry of Higher Education, Egypt (2001- 2008).
2. Member in the Standing Committee of Promotion for Scientific Staff, National Institute of Oceanography and Fisheries. Ministry of Scientific Research (2005-now).
3. Member in The Standing Committee of Promotion for Scientific Staff (Senior and Chief researchers in Fish Resources), Agriculture Research Center (2004-2007).
4. Member in The Standing Committee of Promotion for Scientific Staff (Senior and Chief Researchers), Animal Health Research Institute, Agriculture Research Center (2001 - 2007).
5. Member in the Standing Committee of Promotion for Scientific staff (Assistant Professors and Professors of Fish Diseases and Poultry Diseases), Supreme Council of the Universities, Ministry of Higher Education, Egypt (2008- Now).
6. Member in the Standing Committee of Promotion for Scientific staff (Senior and Chief Researchers), Animal, Poultry and Fish Production, Agriculture Research Center (2009 - Now).

Scientific and Professional Activities:

1. Training courses for Veterinarians in the field of Fish diseases and fish culture in Egypt.
2. Training courses for the veterinarians and workers in the field of

fisheries and fish production from Africa, Asia and South America through the International Center for Agriculture, Ministry of Agriculture and land Reclamation, Egypt.

3. Supervision and consultation for governmental and private Fish Culture farms in Egypt.
4. Consultant for many Aquaculture sectors of local and International companies (Arab Consultants for fish and shellfish farms).
5. Attendance of all Egyptian Conferences as Speaker and Chairman for Fish Diseases and Aquaculture Sessions.
6. Supervision of more than 50 MVSc. and Ph. D. thesis in the field of Fish Diseases, Fish Immunology and Fish Management in Different Egyptian Universities.
7. Member of the Technical Consultant Committee for the General Authority for Fisheries Development.
8. Member in the Committee of the Central Laboratory of Aquaculture, Abbassa, Agriculture Research Center (2008-2009).
9. Member in the Technical Committee for Fishes and Bees, General Authority for Veterinary Services, Ministry of Agriculture, Giza (2001-Now)
9. Member of the Research proposals Evaluator Committee in the field of Fish and Shell-Fish diseases, Ministry of Higher Education and Scientific Research, Egypt.
10. Teaching the Fish Diseases course for the Undergraduate students, Animal Production Dept., Fac. Of Agriculture, Ain Shams University.
11. Publishing of more than 60 scientific papers in the field of Fish Diseases and management.
12. Member of the Editorial Board of Abbassa International Journal for Aquaculture.
13. Member of the Scientific Committee for the Egyptian J. of Aquatic Res.

Published books:

1. Laboratory manual of Fish Diseases and management (1999)(LDN:4515/99)
2. Selections on Fish Diseases and Management (1999) (LDN:4615/99)
3. Selections on Fish Diseases and Management (LDN: 4086/2000).
4. Some Notes on Fish Diseases and Management, Fac. Vet. Med., Cairo University (2004), (2008).
5. Reviewer of Scientific books for the Secondary Agriculture Fishery School in Aswan, Ministry of Education (2006-2007).

Scientific activities broad:

1. Working as Associate Professor of Animal and Fish Diseases, Alemaya University of Agriculture, Ethiopia. Egyptian Fund for Cooperation with Africa, Ministry of External Affairs, 1992.
2. Working as Professor of Fish Diseases in the Faculty of Veterinary Medicine, El-Fateh University, Tripoli, Libya, 1993.

3. Working as expert in the department of Aquaculture, Ministry of Agriculture and Water, Kingdom of Saudi Arabia, El-Riyadh, 1994-1997.

Scientific research projects:

1. Member of the scientific team of a research project titled:

"Molecular characterization of antimicrobial peptide gens expressed in fishes"

"الخصائص الجزيئية للجينات المشفرة للبيبتيدات المضاد ميكروبية في الأسماك"

This project is funded by the National Research Center, Dokki, Ministry of Scientific Research (2010-2012).

LIST OF PUBLICATIONS

1. **Studies on *Sanguinicola sp.* (Trematoda) of Nile fishes.** Vet. Med. J., Vol. 32, No. 1 (1984), 1-14.
2. **Some studies on bovine viral diarrhea / mucosal disease *BVD/MD) virus in camels.** Vet. Med. J., Vol. 32, No. 3 (1984), 9 – 16.
3. **Some studies on Infectious bovine Rhinotracheitis (IBR) virus in rabbits.** Vet. Med. J., Vol. 32, No. 1 (1984), 160-170.
4. **Studies on Ivomec as parasitocidal drug in farm animals.** J. Egypt. Vet. Med. Assoc., Vol., 45, No. 1, 1985, 199 – 209.
5. **Studies on maternal immunity to Rift Valley Fever in lambs.** J. Egypt. Vet. Med. Assoc., Vol., 45, No. 2, 1985, 265 – 273.
6. **Studies on blood parasites infection in Nile fishes.** J. Egypt. Vet. Med. Assoc., Vol., 45, No. 1, 1985, 97 – 108.
7. **Studies on Asprigellomycosis in catfish (*Clarias lazera*).**
36.Tagung der Europäischen Gesellschaft für Veterinär-pathologie am 9/6/1987, Salzburg, Österreich.

8. **Contribution to tail and fin rot disease in Catfish (*Clarias lazera*),** Zagazig Vet. J., Vol. 17, No. 3 (1989), 244 -257.
9. **Mycological investigations on cultured Tilapia in Egypt.** Alex. J. Vet. Sci., Vol. 5, No. 2, 1989.
10. **Some investigations on molds and yeasts associated with tail and fin rot in freshwater fishes in Egypt.** Alex. J. Vet. Sci., Vol. 6, No. 1, 1990.
11. **Determination of IgM antibodies to Rift Valley Fever in vaccinated and experimentally infected sheep.** 4th Sci. Conf., Fac. Vet. Med. Assiut Uni. (1990).
12. **Experimental morphopathological studies on Tilapia infected by *Flexibacter columnaris*.** Beni Suef Vet. Med. Res., Vol. 1, No. 1, 1991.
13. **Effect of water pH on *Flexibacter columnaris* infection in Nile Tilapia.** Egypt. J. Comp. Path. Clin. Path., Vol. 4, No. 1, 1991.
14. **Some haematological studies on Nile Tilapia experimentally infected with *Flexibacter columnaris* bacteria.** J. Egypt. Vet. Med. Assoc., Vol., 51, No.1&2, 1991.
15. **Attempts to control Columnaris disease in cultured *Oreochromis niloticus* in Egypt.** J. Egypt. Vet. Med. Assoc., Vol., 51, No.1&2, 1991.
16. **Augmentation of mitogen-induced lymphocyte proliferation in Atlantic menhaden, *Brevoortia tyrannus*, with ulcer disease syndrome.** J. Fish and Shellfish Immunology (1991).
17. **Mitogen induced proliferative responses of lymphocytes from Spot (*Leiostomus xanthurus*) exposed to polycyclic aromatic hydrocarbon contaminated environment.** Immunopharm. Immunotoxic., Vol. 13, No. 3, 1991.
18. **Some investigations in Nile Tilapia exposed to sub-lethal concentrations of Bayluscid molluscicide.** J. Egypt. Vet. Med. Assoc., Vol., 51, No.1, 1991.
19. **Some investigations on pathogeneic properties of *Aeromonas hydrophila* infecting cultured fish in Egypt.** J. Egypt. Vet. Med. Assoc., Vol., 51, No.1, 1991.

43. **Some investigations on the clinical and biochemical alterations associated with diazinon toxicity in *Clarias gariepinus*.** Egypt J. Aquat. Biol. & Fish., Vol. 13, No. 2: 173-197 (2009).
44. Evaluation of immunomodulatory effects of some probiotics on cultured *O. niloticus*. 8th International Symposium on Tilapia in Aquaculture 2008, 1043-1058.
45. The influence of some probiotics on the growth performance and intestinal flora of *O. niloticus*. 8th International Symposium on Tilapia in Aquaculture 2008, 1059-1077.
46. **The effect of Ochratoxin on antimicrobial polypeptide expression in Channel Catfish (*Ictalurus punctata*).** Alex. J. Vet. Science, Vol. 29(1), 2010: 75 -83.
47. **Impairment of female *Oreochromis niloticus* fecundity exposed to Butachlor herbicide.** BS. Vet. Med. J., 6th Sci. Conf., Vol. 20, No.1, 38-43 (2010).
48. **Pursuance of haematological alterations and pathological changes of Diazinon toxicity in *Clarias gariepinus*.** J. Egypt. Med. Assc., 11, No. 1, 199-226 (2011).
49. **Pathogenesis of mycobacteriosis in goldfish (*Carassius auratus*).** Egypt J. Comp. Path. & Clinic. Path., Vol. 24, No. 2, 2011; 67-84.
50. **Effect of Atrazine exposure on behavioural, haematological and biochemical aspects of female African Catfish (*Clarias gariepinus*).** J. Sci. Res. (2012) , in press.
51. **Vitamin – E as antioxidant in female African Catfish (*Clarias gariepinus*) exposed to chronic toxicity of Atrazine.** Egypt. J. Aqua. Biol. & Fish., Vol. 16, No. 2, 83-98, (2012)