

# **Manal A. A. Essa**

## **List of Publications**

- Some investigations on aflatoxicosis in cultured common carp (*Cyprinus capio* L.). Marzouk M.S.M. Manal A.A. and Shaheen A.A. Vet. Med. J. Giza. Vol.42, No.1 (1994): 169-174.
- Effect of Virginiamycin on performance and susceptibility of *Oreochromis niloticus* to *Aeromonas hydrophila* infection. Essa, Manal A.A.; Hady Ali, Maha M. And Marzouk, M.S. J. Egypt. Vet. Med. Ass. 55, No. 1,2: (1995) 109-121
- Lernaeosis outbreak in cultured freshwater fish fingerlings at Kafr El-Sheikh governorate, Egypt. Essa, Manal A.A.; Olfat A. Mahdy and M. El-Said Essa. Egypt. J. Comp. Pathol. & Clin. Pathol., Vol. 8, No. 2 October, (1995), 109-121.
- Parasitological and pathological studies on heterophyid infection in Tilapia species from Manzala Lake, Egypt. Olfat A. Mahdy; Manal A. A. Essa and M. El-Said Essa. Egypt. J. Comp. Pathol. & Clin. Pathol. Vol.8, No. 2 October, (1995), 131-145.
- Some epizootiological aspects of ichthyophonosis in freshwater fish from Egypt. Manal A.A. Essa; Nahla R.H. El-Khatib and M. El-Said Easa. 7<sup>th</sup> Sci. Cong. 17-19, Nov. 1996, Fac. Vet. Med., Assuit, Egypt. 290-305.
- A contribution to some microbial problems in cultured freshwater prawn (*Macrobrachium rosenbegii*) in Kafr El-Sheikh governorate. Manal A.A. Essa, Nasr M. El-Bahy and Samira S. Rezeka. Issn 1110-2047. Alex. J. Vet. Science, (1997), Vol. 13 No.4: 459-472
- Fix -A- Tox in aquaculture : I- Effect of aflatoxin decontamination by a selective chemisorbent materials on the *Oreochromis niloticus* with considering fish processing efficacy. Kawther M. Soliman, Ahmed M. Ayesh, Manal A. A. Essa and Khayria Naguib. Issn 1110-5321. J. Egypt. Ger. Soc. Zool., Vol.25 (A), Comparative Physiology, 1-19, Jan. 1998.
- Fix-A- Tox in aquaculture : II- Monitoring the prevention effect of Fix-A-Tox against aflatoxicosis in cultured *Oreochromis niloticus*. Manal A.A. Essa, Kawther M. Soliman, and Hala M.F.EL- Miniawi. Vet. Med. J., Giza. Vol. 46, No.3 (1998):267-284.
- Investigation on the effectiveness of levamisole in therapeutic measures against saprolegniosis in *Oreochromis niloticus*. Manal A.A. Essa, Samira S. Rezeka and Salwa M. Helmi. Beni-Suef Vet. Med. J. Vol.(9), No. 3B(1999): 713-725.
- Monitoring the stress role in the promotion of yersiniosis among cultured *Oreochromis niloticus* (*O.niloticus*) in egypt. Manal A.A. Essa, Mona M. Hussein and Nashwa S. Elias. Beni-Suef Vet. Med. J. Vol. XI., No. (2) Oct., 2001: (773-789).
- Impact of some unconventional feeds on performance, cortisol and natural resistance against yersiniosis in *Oreochromis niloticus*. Maha M. Hady and Manal A.A. Essa, J. Egypt. Vet. Med. Assoc. 62, No. 6B: (129-145) 2002.

- Some studies on spring viraemia in common carp (*Cyprinus carpio*) in Egypt. Manal A.A. Essa, Tamam, S.M. and Madbouly, H.M. Beni-Suef Vet. Med. J. Vol. XIII. No. (1): Oct., 2003: (301-314).
- Role of stress-inducing corticosteroid on the development of parasitosis in *Oreochromis niloticus* fish. Manal A.A. Essa, Mahmoud A.M. and Olfat A. Mahdy. J. Egypt. Vet. Med. Assoc. 63, No. 4 (133-153) 2003.
- Verification of the deleterious effects of lernaeosis on the health of grass carp (*Ctenopharyngodon idella*). Manal A.A. Essa, Mohamed A.A. Abd El-Galil, Wahid M.A. Mousa and Shawky S.Ibrahim. Egypt. J. Aquat. Biol. & Fish, Vol. 7, No.4:(241-261) 2003.
- Trials for control of lernaeosis in hatchery reared cyprinids by vaccination. Manal A.A. Essa Abd El-Galil M.A., Mousa W.M.A. and Ibrahim S.S. J. Egypt Vet. Med. Assoc. 64, No. 1:(263-284)2004.
- Usage of sodium chloride and potassium permanganate during *Oreochromis niloticus* transportation as stress mitigation and prophylactic treatment. Manal A.A. Essa and M.A.A. Abd El-Galil. Proc. The 1<sup>st</sup> Intern. Conf. Vet. Res. Div., NRC, Cairo, Egypt, February 15-17<sup>th</sup> (2004).
- Studies on the treatment of Lernaeosis in farmed *Cyprinus carpio* by ivermectin. Dr. Abd El-Galil M. A. A. 11<sup>th</sup> Sci. Cong. 2004( 335-350), Fac. Vet. Med., Assiut Univ.
- Effect of *Nigella sativa* & *Trigonella foenumgraecum* seeds additives on growth Performance & disease resistance of Nile tilapia (*Oreochromis niloticus*). Hayam D. Tonsy & Manal A. A. Essa. Society for environmental development ISSN 1110-8754.vol6(no.1) (2005) (B- Aquaculture)
- “Some epizootiological studies on mycobacteriosis in ornamental fishes.” Mohamed S. M. Marzouk, Manal A. A. Essa, Fawzy R. El-seedy, Essam A. Nasr and Doaa M. Abd El-Gawad. Egyptian Journal of Aquatic Biology & Fisheries, Vol. 11, No. 3:(885-898) 2007. ISSN 1110-6131.
- “Histopathological and Epizootiological Studies on Mycobacteriosis in some Ornamental Fishes.” M.S.M. Marzouk, Manal A.A. Essa, F.R. El-Seedy, Amany M. Kenawy and Doaa M. Abd El-Gawad. Proceedings of the 7th International Conference on Recirculating Aquaculture, Roanoke, Virginia, USA, July 25-27 (2008).
- “Susceptibility of different freshwater fishes to rota-virus infection” M.S.M. Marzouk, M.M. Ali, Manal A.A. Essa, M.D. Ibrahim. Proceedings of the 8<sup>th</sup> International Symposium on Tilapia in Aquaculture (ISTA 08), Cairo, Egypt, October 12-14 (2008).
- “Epizootiological and Histopathological Studies on Mycobacteriosis in Some Ornamental Fishes.” M.S.M. Marzouk, Manal A.A. Essa, F.R. El-Seedy, Amany M. Kenawy and Doaa M. Abd El-Gawad. Global Veterinaria. Vol. 3, No. 2:(137-143) 2009. ISSN1992-6197.
- “Control of Lernaeosis in Hatchery Reared *Cyprinus carpio* Fingerlings by Colophony and its Steamed Oil.” M.A.A. Abd El-Galil, Manal A.A. Essa, Fatma M.M. Korni. Global Aquaculture & Fisheries Research Conference & Exhibition. Cairo, Egypt, October 24-26 (2009).

- “Impairment of female *Oreochromis niloticus* fecundity exposed to Butachlor herbicide.” Manal A.A. Essa, M.S.M. Marzouk, Nashwa S. Elias, Maysa H. Shaker, Ghada M.A. Mohamed. Beni-Suef Veterinary Medicine Journal. Vol. 20, No. 1:(38-43) 2010.
- “Pathogenesis of mycobacteriosis in goldfish (*Carassius auratus*)”. M.S.M. Marzouk, M. Mostafa, Kh.A. El-Nesr, Manal A.A. Essa, and Doaa Abd El-Gowaad. Egyptian Journal of Comparative Pathology & Clinical Pathology. Vol. 24, No.2:(67:84) 2011.
- “Diagnosis and safe prevention of Edwardsiellosis in *Oreochromis niloticus*.” Manal A.A. Essa, M.M.A. Hussein, M.A.A. Abd El-Galil, and Fatma M.M. Korni. Proceedings of the 5<sup>th</sup> Global Fisheries and Aquaculture Research Conference. Cairo, Egypt, October 1-3 (2012).
- “Construction and evaluation of type III secretion system mutants of the catfish pathogen *Edwardsiella piscicida*” Asmaa Edrees, Hossam Abdelhamed, Seong-Won Nho, Seong bin Park, Attila Karsi, Frank W. Austin, Manal Essa, Tibor Pechan, and Mark L. Lawrence. *Journal of fish diseases*, 2019.
- “An *Edwardsiella piscicida* esaS mutant reveals contribution to virulence and vaccine potential” Asmaa Edrees, Hossam Abdelhamed, Seong-Won Nho, Ozan Ozdemir, Attila Karsi, Manal Essa, Mark L Lawrence. *Microbial pathogenesis*, 2020.
  - Safety and effectiveness of trichlorfon in prevention of lernaeosis and its comparison with plant extracts in lernaeosis control. *Manal A. A. Essa & Fatma M. M. korni. Aquatic sciences and engineering*, 2018; 33(2): 32-38.
  - The impact of leechiosis on semi-artificial spawning performance and hematological parameters of silver carp (*Hypophthalmichthys molitrix*) brooders and common carp (*Cyprinus carpio*) fingerlings with a reference to its stress response and treatment. *Manal A. A. Essa, Fatma M. M. korni & Walaa M. S. Ahmed. Accepted for publication in Aquatic sciences and engineering*, 2018; 33(2): 53-60.
- Virulence and live vaccine potential of *Edwardsiella piscicida* phoP and phoQ mutants in catfish against edwardsiellosis. *Journal of fish diseases*, 44(9), 1463–1474. <https://doi.org/10.1111/jfd.13453>. Sayed, M., Ozdemir, O., Essa, M., Olivier, A., Karsi, A., Lawrence, M. L., & Abdelhamed, H. (2021).
- Sayed, M., Griffin, M., Ware, C., Ozdemir, O., Tekedar, H. C., Essa, M., Karsi, A., Lawrence, M. L., & Abdelhamed, H. (2022). Evaluation of *Edwardsiella piscicida* basS and basR mutants as vaccine candidates in catfish against edwardsiellosis. *Journal of fish diseases*, 45(12), 1817–1829. <https://doi.org/10.1111/jfd.13703>.
- Sayed, M., essa, M., Abdelhamed, H. (2022). Persistence and Immunogenicity of *Edwardsiella Piscicida* phoP/Q Mutants in Channel Catfish (*Ictalurus punctatus*). *Journal of Veterinary Medical Research*, doi: 10.21608/jvmr.2022.135472.1057.
- Sayed, M., Narayanan, L., Essa, M., Lawrence, M., Karsi, A., & Abdelhamed, H. (2023). Secreted Extracellular Products of *Flavobacterium coviae* as Potential

Immunogenic Factors for Protection against Columnaris Disease in Channel Catfish (*Ictalurus punctatus*). *Pathogens*, 12(6), 808.  
<https://doi.org/10.3390/pathogens12060808>.