



CURRICULUM VITAE

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Date & place of birth: July 28th, 1962; El-Mahala, Gharbia, Egypt.

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Web Addresses:

1. Google scholar address:

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4. Loop address:

<https://loop.frontiersin.org/people/607869/overview>

5. Mendeley profile:

<https://www.mendeley.com/profiles/salah-aly/>

Other IDs:

1. Scopus: Author ID: 23979475700

<https://www.scopus.com/authid/detail.uri?authorId=23979475700>

2. ORCID ID : 0000-0002-3375-4285

<https://orcid.org/my-orcid>

3. Researcher Id: X-5915-2018

Qualification: الدرجات العلمية

Ph D. in Pathology (1994), Dept Biol. Sci., Univ. Texas at ElPaso, USA/Dept Path., SCU, Egypt.

MVSc. in Pathology (1990), Dept of Pathology, Fac. Vet. Med., Suez Canal Univ. (SCU), Egypt.

BVSc. in Vet Med. Sciences (1985), Zagazig Univ., Egypt.

Employment: التدرج الوظيفي

- 2020 – till now, Chairman, General Authority for Fish Resources Development, Egypt.
- 2018- 2020, Head of Pathology Department, College of Vet. Medicine, Suez Canal University, Egypt.
- 2015: 2016, DEAN, Fish Farming & Technology Institute for Postgraduates and Scientific Research, Suez Canal Univ., Egypt.
- 2010 –2015: Head of Medical Laboratories Dept, College of Appl. Med. Sciences, Qassim Univ., KSA.
- 2010 –2015: Full Professor of Pathology, Dept of Medical Laboratories, College of Appl. Med. Sciences, Qassim Univ., KSA.
- 2004 - 2009: Senior Researcher and Program Leader of Fish Health Research for Africa and West Asia, WorldFish Center, Malaysia.
- 2002- 2005: Prof. of Pathology, *Fac. of Pharmacy*, SCU, Egypt.
- 2004 – till Now: Full professor of Pathology, *Fac. Vet. Med*, SCU, Egypt.
- 1999 – 2004: Associate Prof. of Pathology, *Fac. Vet. Med*, SCU, Egypt.
- 1994 – 1999: Assistant Prof. of Pathology, *Fac. Vet. Med*, SCU, Egypt.
- 1992-1994: Instructor in Biology Dept, University of *Texas at El Paso*, USA.
- 1991-1992: Teacher Assistant of Pathology, *Fac. Vet. Med*, SCU, Egypt.
- 1986- 1990: Demonstrator of Pathology, *Fac. Vet. Med*, SCU, Egypt.

Current National Service: الخدمة الوطنية الحالية

- Member of the Animal Resources and Fisheries Research Council, Academy of Scientific Research and Technology, Egypt.
- Expert at the Arab Union for Wild and Marine Conservation - League of Arab States
- Scientific Consultant for the Sinai Reconstruction Authority, Ministry of Housing and Urban Communities.
- Member of the High Committee for the Development of Fish Wealth of the General Union of Veterinarians, Egypt
- Head of higher exam committee and Director of measurement and evaluation unit.

Other activities: الأنشطة العملية

- **2006-2010:** Expert consultant for Fish health at WHO/FAO/OIE of the United Nation.
- **2004-2009:** Expert for Fish Health at CGIAR, Washington DC.
- **2010:** Scientific Consultant for 3rd Global Aquaculture & Fisheries Conference.
- **2009:** Chairman of Org. Committee & G. Coordinator for Global Aquaculture & Fisheries Conference.
- **2009:** Scientific Consultant for Global Medicine, Vaccines and Serums Conference.
- **2008:** Scientific Consultant for Middle East and North Africa Conference for Animal Production.
- **2007:** Chairman & General Coordinator of 1st Arab African Conference for Aquatic Resources.
- **2000-2005:** Organizer for collaboration between Suez Canal Univ. & European Universities.
- **2002-2004:** Organizer in the Committee for Education and Researches in the Egyptian Universities.
- **2002-2004:** Director of Health and Vet. Medical Care Project in Suez Canal areas.

-1997-2004: Member in the Expert Consultation for Fish Production in Suez Canal University.

Honor& Awards: الجوائز المحلية والدولية والفخرية

2013 – 2020, Numerous awards and recognition certificates for scientific and leadership activities.

2012, Award, Scientific Best Researches, 4th Global Fisheries and Aquaculture Research Conference.

2010, Recognized & Included in Marques International Who`sWho in the World Directory as expert Pathologist, USA.

2009, Award, Scientific Researches, Board of Trustee at the WorldFish Center, CGIAR, Washington.

2008, Consultant for 1st Middle East and North Africa Conference for Future of Animal Wealth organized by Egyptian Agriculture Scientific Research Association.

2007, Chairman and General Coordinator of 1st Arab African International Conference that organized by Egyptian Society of F Resources and Human Health.

2006, Award, Best Research article in *Fish Diseases & Food Hygiene*, by Sci. Conf., Fac. Vet. Med., Assuit Univ., Egypt.

2005, Expert Consultant to the Egyptian Universities Scientific Committee to develop the credit hours, Policy and Depts for New Fisheries Faculty in Egypt.

2004, Full Professor Degree by the Supreme Committee for Pathology, Microbiology and Parasitology, Ministry of Higher Education, Egypt.

2003, Recognized Researcher in Mediterranean and Balkan Countries by the Europe Union and Italian Ministry of Foreign Affair.

2002, Award , Best Research article in *Pathology* by Sci. Conf., Fac. Vet. Med., Assuit Univ., Egypt.

2001, Award, Best Research article in *Vet. Pathology* by Egyptian Academy of Science, Egypt.

2000, Award, Best Research article in *Fish Diseases* by Sci. Conf., Fac. Vet. Med., Assuit Univ., Egypt.

1999, Recognized & Included in International Who`s Who of Professionals Directory as expert Pathologist, Japan, Canada, USA.

Training abroad: الدورات التدريبية بالخارج

1- 2003: Environmental Policy, Summer semester, Univ. of Roma 3, Rome, Italy.

2- 2003: Europe Union Policy, Full semester, European Parliament, Brussels, Belgian.

3- 2003: Molecular Biology, Full semester, Univ. of Rome *La-Sapienza*, Rome, Italy.

4- 1999: Environment and Human Health, Full semester, Budapest, Hungary.

5- 1993: Cellular Pathology, Spring semester, USA.

6- 1993: Electron Microscopy Techniques, Spring semester, USA.

7- 1993: Molecular Pathology, Full semester, USA.

8- 1992: Computer Microsoft, Dos & Windows, Summer semester, USA.

9- 1992: Vertebrate Physiology & Pathophysiology, Full semester, USA.

Textbooks and Lab Manual Publication: الكتب المولفة

1-Textbook of General Pathology, (ISBN, 1500 – 2000).

2-Textbook of Neoplastic and Immune-Pathology, (ISBN, 1501–2000).

3-Lab.Manual of Systemic & Specific Pathol. (ISBN,1502–2000).

4-Lab. Manual of General Pathology, Part I, (ISBN, 1503 – 2000).

5-Lab. Manual of General Pathology, Part II, (ISBN, 1504 – 2000).

6-Textbook of Specific Pathology (ISBN, 1901 – 2001)

7-Textbook of Special Pathology (ISBN, 2113 – 2004).

Projects funded/supported: المشاريع البحثية المشاركون فيها و المدعمة محليا ودوليا

1. **2020- till now**, Support Agriculture DSmall and Medium Enterprises, SASME Project
2. **2020 – 2020**, Marine Aquaculture development in Egypt, MADE Project.
3. **2021 – till now**, Progressive management pathway for improving aquaculture biosecurity, funded by FAO.
4. **2014-2015**: Noble silver nanoparticles synthesis, characterization and development of potential antimicrobial drugs by using *Terfizia claveryi*. Co-investigator 1, Funded by SABEK, KSA.
5. **2014-2015**: Therapeutic implications of Ajwa dates (*Phoenix dactylifera*) in the inhibition of liver cancer through the modulation of Vascular Endothelial Growth Factor, PTEN and apoptotic gene. Co-investigator, Funded by SABEK, KSA.
6. **2014-2015**: The effect of some medicinal plant extracts on angiogenesis and PTEN/Akt/PI3K pathways in the diabetic eye: Implications for the prevention and treatment of diabetic retinopathy. Co-investigator, Funded by KAST, KSA.
7. **2011-2012**: Clinical, Laboratory and Experimental studies on the Complications due to Contamination of Contact Lenses by Bacteria, Leader, Funded by Qassim University, KSA.
8. **2011-2012**: Therapeutic effects of *Terfizia claveryi* on the corneal ulcer of rabbits's eyes, Co-investigator, Funded by Qassim University, KSA.
9. **2011-2012**: Retrospective study on the complications associated with misuse of contact lenses. Co-investigator, Funded by Qassim University, KSA.
10. **2009-2010**: Improving the disease resistance, quality and shelf-life of Nile tilapia (*Oreochromis niloticus*) cultured in Egyptian aquaculture through the use of recent diagnostic (PCR) and exploring some native probiotics. Leader, Funded by World Bank, Washington, USA.
11. **2008-2009**: The possible impact of common zoonotic and food borne bacteria on fish and human health with suggestive control measures. Leader, Funded by World Bank, Washington, USA.
12. **2006-2007**: Detection of Larval parasites (Metacercaria of Digenea) among Fish in Egyptian Aquaculture and their relation to Human Health, Leader, Funded by World Bank, Washington, USA.
13. **2005-2006**: Biological control of cyanobacterial blooms, Leader, Funded by WorldFish, CGIAR, Washington, USA.
14. **2004-2005**: Isolation of some probiotics from *Oreochromis niloticus*, Leader, Funded by WorldFish, CGIAR, Washington, USA.
15. **2003-2004**: The role of ornamental gold fish in transmission of some viruses and ectoparasites to cultured fish. Leader, Funded by WorldFish, CGIAR, Washington, USA.
16. **2003-2005**: Control of some microbial agents using electromagnetic field, Coinvestigator, Egyptian partner, Funded by Calgiari Univ., Italy.
17. **2003-2005**: The role of Suez Canal in transmission of parasitic fauna between red and Mediterranean sea. Co-investigator, Egyptian partner, Funded by Sassari Univ., Italy.

18. **2002-2004:** Pathological evaluation to the effect of some Immune stimulant and depressant on animals. Co-investigator, *Funded by National Research Center, Giza, Egypt.*
19. **2002-2003:** Environmental Policy and effect of environmental pollution on the General Health. *Egyptian partner, Funded by Italian Ministry of foreign Affairs, Italy.*
20. **2001-2004:** Prevalence of Vibrios and Microalgae in the water and their effect of general health. *Egyptian partner, Funded by Ecoservice, Sardenia Government, Italy.*
21. **1999-2000:** Analysis of water for insecticides and their effect of fish and animal production. *Co-investigator, Funded by Suez Canal Univ., Egypt.*

International Collaboration: التعاون الدولي

1. Reviewer for Scientific Research Journals.
2. Member of Editorial Board in International peer reviewed Journals.
3. Supporting International Institute for staff hiring.
4. Collaboration with international Universities in bilateral projects.
5. Expert consultant for Fish health at WHO/FAO/OIE of the United Nation.
6. Expert for Fish Health at CGIAR, Washington DC.
7. Program leader of fish health for Africa and west Asia.
8. Providing and teaching for over than thousand trainees worldwide.
9. Collaboration with Chinese Government for development of Fish Farming and Technology institute.
10. Scientific Consultant for 3rd Global Aquaculture & Fisheries Conference.
11. Chairman of Organizing Committee & General Coordinator for Global Aquaculture & Fisheries Conference.
12. Scientific Consultant for Global Medicine, Vaccines and Serums Conference.
13. Scientific Consultant for Middle East and North Africa Conference for Animal Production.
14. Chairman & General Coordinator of 1st Arab African Conference for Aquatic Resources.
15. Organizer for collaboration between Suez Canal Univ. & European Universities.
16. Leading Medical Laboratory Department and activities at Qassim University, King Saudi Arabia.
17. Giving lectures for several international Institutes.

Reviewer for Scientific Research Journals: التحكيم للمجلات العلمية العالمية

1. The Academy of Scientific Research and Technology, Egypt.
2. The Supreme Counsel of Veterinary Medicine, Egypt.
3. Arab Science and Technology Foundation, UAE.
4. Veterinary Microbiology Journal, USA.
5. Bioresource Technology, Europe.
6. International Symposium of Tilapia in Aquaculture, USA.
7. Journal of Molecular Biology and Biotechnology, Europe.
8. Journal of Agricultural Science and Technology, Europe.
9. Mediterranean Journal of Aquaculture, Egypt.

10. Journal of Infection in Developing Country, Europe.
11. Middle East and North Africa Conference, Egypt.
12. Suez Canal Vet. Med. Journal, Egypt.
13. Aquaculture Research, Europe.
14. Egyptian Journal of Clinical Pathology and Comparative Pathology, Egypt.
15. Abbassa International Journal of Aquaculture, Egypt.
16. Ekoloji Journal for Scientific Research, Turkey.
17. Journal of Ecology and Water Resources, Iran.
18. Journal of Vet. and Agriculture Sciences, King Saudi Arabia.
19. Asian Fisheries Science Journal, Malaysia.
20. Fish and ShellFish Immunology, Europe.
21. Open Vet. Journal, Libya.
22. International Food Research J., Malaysia.
23. Fish Physiology and Biochemistry, Europe.
24. Journal of Environmental Pathology, Toxicology and Oncology, USA.
25. Archive of Environmental Contamination and Toxicology, USA.
26. International Journal of Fisheries & Aquaculture, Europe.
27. Sky Journal of Journal of Microbiology Research, Europe.
28. Zoonosis and Public Health, USA.
29. African Journal of Agricultural Research, South Africa.
30. African Journal of Microbiology Research (AJMR).
31. International Journal of Health Sciences, KSA.
32. Aquaculture, Europe.
33. Aquaculture Nutrition, Europe.
34. Journal of Basic and Applied Zoology, Europe.
35. The World Aquaculture Society, Europe.
36. British Journal of Pharmaceutical Research.
37. Science of the Total Environment.
38. Aquaculture scope.
39. Journal of Immunology Research.
40. Journal of Media & Communication studies.
41. Pathology - Research and Practice.
42. Fish Physiology & Biochemistry.
43. Journal of Kind Saud University.
44. Egyptian Journal of Aquatic Biology and Fisheries.

Member in Editorial Board: عضوية وتحرير للمجلات العلمية العالمية

1. Journal of Infection in Developing Countries, Italy.
2. Mediterranean Journal of Aquaculture, Spain.
3. Biological Research Communication Journal, Pakistan.
4. Journal of Fish Diseases, Turkey.
5. International Journal of Health Sciences, Kingdom of Saudi Arabia.

6. Evidence Based and Complementary Journal, Europe.
7. American Journal of Clinical Microbiology and Antimicrobials, USA.
8. Journal of Marine Science Research and Oceanography, USA.
9. Journal of Marine Biology and Aquascape, Europe.
10. BioMed Research International, Europe.
11. Veterinary Science and Research, Europe.

Lectures given abroad: اللقاء المحاضرات بالخارج

- 1- **2010- 2015:** Teaching 5 courses in Fac. of Applied Medical Sciences, Qassim Univ., KSA.
- 2- **2004-2009:** Forty five lectures given for international meetings/training courses worldwide.
- 3- **2004:** Eastern Mediterranean Parasitic Platyhelminthes: an overview. *Zoology Dept, Sassari Univ., Italy.*
- 4- **2004:** The role of the Suez Canal in the faunistic exchange between Eastern Mediterranean and the Red Sea. *Zoology Dept., Sassari Univ., Italy.*
- 5- **2004:** Comparison of lessepien funa between red and Mediterranean sea. *Zoology dept., Sassari Univ., Italy.*
- 6- **2003:** Biotechnology and Pathobiology. *Univ. of Rome La-Sapienza, Rome, Italy.*
- 7- **2003:** Parasites in Eastern Mediterranean: Problems and Prospectives. *Biology Dept, Sassari Univ., Italy.*
- 8- **2002:** The role of Suez Canal Univ. in the International Education and Collaboration). *Cagliari Univ., Italy.*
- 9- **2002:** Interaction of Wild Fauna. *Fac. Vet. Med., Sassari Univ., Italy.*
- 10- **2001:** Pathogenic Vibrio & Microalgi in developed countries. *Ecoservice sardignia, Italy.*
- 11- **2000:** Protection and Rehabilitation of Wild Fauna. *Fac. Vet. Med., Sassari Univ Italy.*
- 12- **1999:** Environmental pollution and its impact on human health, *Budapest, Hungary.*

Thesis supervision and contribution: الإشراف والمشاركة في الرسائل العلمية

Master thesis supervision:

1. *Khald A. (1996): Clinicopathological studies on Salmonellosis in quails at north Saini. Dept. Pathology and Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
2. *Hala A. (1997): Clinicopathological studies on Brucellosis among sheep and goat at Suez Canal area. Dept Pathol. & Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
3. *Wafaa A. (1997): Clinicopathological studies on Vibriosis in fish at Ismailia. Dept Pathology and Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
4. *Ibrahim M. (1997): Effect of dietary Ascorbic acid concentration on growth rate and health of fresh water fish (African catfish). Dept Chemistry, Fac. Science, Zagazig Univ.*
5. *Samy I. (1998): Clinicopathological studies on some trace element deficiencies in Sheep and goat in Saini Peninsula. Dept Pathology and Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
6. *Samia I. (1999): Pathological studies on common carp with reference to swim bladder affections. Dept. of Pathol., Fac. Vet. Med., Zag. Univ.*
7. *AbdElazeem S. (2001): Pathological studies on Respiratory affections in sheep. Dept. of Pathology, Fac. Vet. Med., Suez Canal University.*

8. *Mohamed F. (2005): Immunopathological studies on some probiotics in Tilapia nilotica. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig univ.*
9. *Asem m. (2006): Isolation and characterization of some probiotics from Tilapia nilotica. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.*
10. *Shemaa A. (2007): Clinicopathological studies on fish reared under different stocking densities. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
11. *Rehab E. (2007): Studies on Pseudomonas infection in cultured fish. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig Univ.*
12. *Abdel Rahman (2008): Bacteriological and pathological studies on enterobacteriaceae in freshwater fish. Faculty of science, El Azhar University.*
13. *Mona M. (2008): Clinicopathological studies on Streptococcosis in Nile tilapia and trials for control. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
14. *Reham Z. (2015): BIO active properties and molocular indentification of selected brown and red algae species collected from Egypt using DNA barcoding techiques. Fish Farming & Technology Institute, Suez Canal University.*
15. *Amal F. (2015): Studies on vibriosis among some cultured marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
16. *Ramy H. (2015): Studies on Prevailing parasitic diseases in some marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
17. *Mohamed M. (2015): Studies on helminthic diseases among some cultured marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
18. *Manar A. (2015): studies on Prevailing parasitic trematodiasis affecting some cultured marine fishes. Fish Farming & Technology Institute, SC Univ.*
19. *Magwa M. (2015): Studies on parasitic crustaceans among some cultured marine fishes. Fish Farming & Technology Insitiute, Suez Canal University.*
20. *Israa E. (2015): Impact of some heavy metals pollutants in relation to some marine fishes in lake temsah. Fish Farming & Technology Institute, SCU.*
21. *Alaa a (2015): The survival rate and growth performance of sparus aurata larvae. Fish Farming & Technology Institute, Suez Canal University.*
22. *Alyaa A. (2015): Histopathological evaluation to the effect of anticancer agents on hepatic carcinoma in rats. Dept of Pathology, Fac. Vet. Medicine, Suez Canal University.*
23. *Fatma A. (2016): Clinicopathological studies on effect of immunostimulant on Aeromonas hydrophila among catfish. Dept of Clinical Pathology, Fac. Vet. Medicine, Suez Canal University*
24. *May H. (2017): Comparative Studies on the Effect of Some Natural and Synthetic Immunostimulants on the Immune Response and Resistance of Cultured Sea bream to Vibriosis. Fish Farming & Technology Institute, Suez Canal University.*
25. *Mostafa E. (2017): Role of Water Quality in the Pathogenicity of Vibriosis in Marine Cultured Fishes. Fish Farming & Technology Institute, Suez Canal University.*
26. *Heba E. (2107): Opportunistic and Pathogenic Bacteria in the Mucus of Some Marine Water Fishes and Their Effect on Its Quality. Fish Farming & Technology Institute, Suez Canal University.*
27. *Fatma A. (2017): Bacterial Causes of The Epizootic Ulcerative Syndrome among Freshwater Fish and their Associated Stress Factors. Fish Farming & Technology Institute, Suez Canal University.*
28. *Naglaa E. (2017): The Role of Environmental Factors on The Prevalence of Parasitic Infestation Among Brackish Water Fish. Fish Farming & Technology Institute, Suez Canal University.*
29. *Shyam M. (2017): Studies on the Effect of Chlorella on Pathogenic Bacteria in Fish. Fish Farming & Technology Institute, Suez Canal University.*

30. Sarah E. (2018): *studies on parasitic cysts among cattle at slaughter houses. Meat hygiene Dept, Fac. Vet. Medicine, Suez Canal University.*
31. Mohamed G. (2018): *Detection of the most common bacterial pathogens threatening the cultured marine species in suez canal regions. Fish Farming & Technology Institute, Suez Canal University.*
32. Abdel Rahman A. (2018): *Detection of the most common Streptococci affecting the marine species in Suez Canal region. Fish Farming & Technology Institute, Suez Canal University.*

Master thesis contribution.

1. Eman S. (1995): Some pharmacological studies of some molluscicides on fresh water fish. Dept of Pharmacology, Fac. Vet. Med., Zag. Univ.
2. Refaat E. (1995): Bacterial causes of fin rot in some fresh water fishes. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.
3. Hassan D. (1995): Some studies on gill affections of some fresh water fishes. Dept of Fish Diseases. Fac. Vet. Med., Suez Canal Univ.
4. Hassan A. (1996): Urethroplasty using a venous graft: Experimental study in donkeys. Dept of Surgery, Fac. Medicine, Suez Canal Univ.
5. Azaa A. (1996): Studies on bacterial diseases among cultured tilapia. Dept of Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
6. Eman Y. (1996): Studies on the ectoparasites of *Oreochromis niloticus*, fresh water fish species, in Suez Canal area. Dept of Parasitology, Fac. Vet. Med., Suez Canal Univ.
7. Mohamed M. (1997): Studies on blood parasites in cattle in Suez Canal area. Dept of Infectious Dis., Fac. Vet. Med., Suez Canal Univ.
8. Mohamed A. (1998): Studies on the bacterial pathogens of fresh water prawn. Dept of Microbiology, Fac. Vet. Med. Suez Canal Univ.
9. Zenaat M. (1999): Studies on mould and yeast affections among fresh water fish. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.
10. Gehan E. (1999): Enteric helminth parasites of fresh water fish at Abbasa in Sharkia Governorate. Fac. Vet. Med., Zagazig Univ.
11. Ahmed E. (1999): Studies on some fish virus diseases in Abbassa farm. Dept. of Virology, Fac Vet. Med., Suez Canal Univ.
12. Abeer S. (2000): Biochemical studies on blood and tissues of rabbit after administration of some anti-inflammatory drugs. Dept of Biochemistry, Fac. Vet. Med., Suez Canal Univ.
13. Sherif S. (2001): Effect of antibiotic as a growth promoter on broiler chickens. Dept of Biochemistry, Fac. Vet. Med., Suez Canal Univ.
14. Maather A (2001): Some studies on the encysted metacercariae among fresh water fishes. Dept of Fish Diseases, Fac Vet. Med., suez Canal Univ.
15. Heba I. (2001): Studies on some parasitic infections among ornamental fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
16. Latifa E. (2002): An investigation on the bacterial pathogens in catfish (*Clarias lazera*). Dept. of Bacteriology, Fac. Vet. Med., Suez Canal Univ.
17. Abeer A. (2002): Clinicopathological studies on Colibacellosis in rabbit. Dept. of Clinical Pathology, Fac. Vet. Med., Suez Canal University.
18. Rania H. (2002): Toxopathological studies on some antioxidants in rats. Dept of Toxicology, Fac. Vet. Med., Suez Canal Univ.

19. Wael H. (2003): Studies on orthobacterium infections in chickens. Dept of Poultry Diseases, Fac. Vet Med., Suez Canal Univ.
20. Rabab A. (2003): Studies on some bacterial diseases causing pneumoenteritis in ostrich chicks (*Struthio camelus Domesticus*). Dept. of Wild animals, Fac. Vet. Med., Suez Canal Univ.
21. Amera A. (2004): Comparative study on Newsatle-Infectious bronchitis combined live vaccine. Dept of Poultry Diseases, Fac. Vet Med., Suez Canal Univ.
22. Rania A. (2004): Pharmacodynamic studies on some imizols in rats. Dept of Pharmacology, Fac. Vet Med., Suez Canal Univ.
23. Wallaa E. (2004): Studies on microsporidiosis in fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
24. Wafaa A. (2004): Effect of some water pollution on parasitic infections among fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
25. Sherine M. (2007): Study on short term chronic toxicity of chlorotetracycline in Albino rats. Dept of Forensic Medicine, Fac. Vet Med., Suez Canal Univ.
26. Adel Aziz E. (2007): Toxocological and health hazards of enrofloxacin as an antimicrobial agents on reproduction of male adult albino rat. Dept of Forensic Medicine, Fac. Vet Med., Suez Canal Univ.
27. Norhan A (2008): Factors affecting spawning in Nile tilapia. Fac. of Agriculture, Zagazig Univ.
28. Hala F (2008): Immunological studies on *Aeromonas hydrophila* vaccine in Tilapia. Dept of bacteriology, Fac. Vet. Med., Suez Canal Univ.
29. Mohamed A (2009): Effect of disinfectants on the hematological and serum biochemical parameters of fish. *Faculty of science, El Azhar University*.
30. Asmaa H (2015): Total survey on the parasites of stray dogs in Ismailia City. Dept of Parasitology, Fac. Vet. Med., Suez Canal Univ.
31. Walla A. (2015): Effect of some immunostimulants in Fish. Dept of Pharmacology, Fac. Vet. Med., Zagazig Univ.
32. Randa M. (2015): Effect of some immunostimulants in Fish. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.

Ph. D. thesis supervision:

1. Wael H. (1997): *Pathological studies due to some stress factors on some fresh water fish with special reference to the immune system. Dept Pathology, Fac. Vet Med., Zagazig Univ.*
2. Magda E. (1998): *Immunological response of catfish (*Clarias lazera*) against bacterial diseases. Dept of Zoology, Faculty Science, Suez Canal Univ.*
3. Seham E. (2002): *Pathological evaluation to the effect of some biological and chemical pollutants on the response of poultry to vaccines. Dept. of Path., Fac. Vet. Med., Suez Canal Univ.*
4. Ibrahim M. (2003): *Chemical and Biochemical studies on protamines isolated from some fish and its relation to the immune response. Dept of Chemistry, Faculty of Science, Suez Canal Univ.*
5. Hala A. (2005): *Clinicopathological studies on some immune stimulent in fish. Dept Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
6. Samia I. (2005): *Pathological studies on the effect of water properties on the heath status and immune response of catfish. Dept. of Pathology, Fac. Vet. Med., Zagazig Unicersity.*
7. Waafa A. (2007): *Clinicopathological studies on Pseudomoniasis among catfish with a trial for treatment and control. Dept Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
8. Mohamed F. (2008): *Immunological studies on Pseudomonas flourescens infection in Nile tilapia. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig Univ.*
9. Randa Y. (2016): *Studies in some viral diseases among marine fishes. Fish Farming & Technology Insitutie, Suez Canal Univ.*

10. Ahmed Elbik (2016): *Stock assessment to some marine fishes in Suez Canal. Fish Farming & Technology Insititue, Suez Canal Univ.*
11. Samar I. (2016): *Immunological studies on some immunostimulants in tilapia. Fish Farming & Technology Insititue, Suez Canal Univ.*
12. Habiba M. (2016): *Epizootological studies on some ectoparasits in marine fishes. Fish Farming & Technology Insititue, Suez Canal Univ.*
13. Noha M. (2017): *Field and Experimental studies on the Pathogenicity and Control of Vibriosis among marine water fish. Fish Farming & Technology Institute, Suez Canal Univ.*
14. Samar I. (2017): *studies on antimicrobial residues on freshwater fishes. Dept Pharmacology, Fac. Vet. Med., Suez Canal Univ.*
15. Aliaa (2020): *variable use of stem cell in tissue repair and healing. Dept. of Path., Fac. Vet. Med., Suez Canal Univ.*
16. Asmaa (2020): *the use of nanoparticles in controlling fish diseases. Fish Farming & Technology Insititue, Suez Canal Univ.*
17. Alaa (2020): *Reproduction Physiology of some Marine Fishes. Fish Farming & Technology Insititue, Suez Canal Univ.*

C- Ph. D. thesis contribution:

1. Iman A. (1995): *Toxicological studies on some herbal plants. Dept of Toxicology, Fac. Vet. Med., Zagazig Univ.*
2. Iyman A. (1995): *Toxicological studies on anabasis articulata growing in Saini. Dept of Toxicology, Fac. Vet. Med., Suez Canal Univ.*
3. Abdel Kareem M. (1996): *The Pathological relationship between waterfowls and fishes. Dept of Poultry Dis., Fac. Vet. Med., Suez Canal Univ.*
4. Samer E. (1996): *Factors affecting the immune response of fish with special references to immune suppressive effect of pollution. Dept of fish Dis., Fac. Vet. Med., Suez Canal Univ.*
5. Abdel Kareem M. (1996): *The Pathological relationship between waterfowls and fishes. Dept of Poultry Dis., Fac. Vet. Med., Suez Canal Univ.*
6. Kaied G. (1996): *Experimental clinicopathological studies on anticarcinogenic drugs in mice. Dept of Clinical Pathology, Fac. Vet Med., Suez Canal Univ.*
7. Mohamed A. (1997): *Studies on enteric and respiratory diseases of some zoo newly born animals. Dept of Wild life, Fac. Vet. Med., Suez Canal Univ.*
8. Mohamed K. (1997): *Studies on swollen head syndrome in chicken. Dept of Poultry Diseases, Fac. Vet. Med., Suez Canal Univ.*
9. Marcel G. (1997): *Clinicopathological studies on fish exposed to some environmental pollution in Manzala lake. Dept of Clinical Pathol., Fac. Vet. Med., Suez Canal Univ.*
10. Ahmed E. (1997): *Some reproductive studies on some fresh water fish with regard to some pathological and toxicological factors. Dept of Obstetric, Fac. Vet. Med., Zagazig Univ.*
11. Mohamed A. (1998): *Characterization of Aeromonas species isolated from fish, poultry and man. Dept of Microbiology, Fac. Vet Med., Suez Canal Univ.*
12. Abou Elsoud M. (1999): *The physiological assessments of some factors affecting on the production of fresh water fish. Dept of Animal Production, Fac. Agriculture, Suez Canal Univ.*
13. Eman S. (1999): *Effect of some insecticides on fresh water fish. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ.*
14. Maiesa A. (1999): *Efficacy of some Antimicrobials in Oreochromis niloticus. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ.*
15. Hayam M. (1999): *Effect of using some non nutritive feed additives on productivity performance in growing rabbits. Dept of Animal Production, Fac. Agriculture, Suez Canal Univ.*
16. Kamal A. (1999): *Biochemical studies on blood of ewes following induction of estrus. Dept of biochemistry, Fac. Vet. Med., Suez Canal Univ.*
17. Mokhtar M. (1999): *Modification in rectal bladder with valved sigmoidoproctostomy. Anovel technique in experimental dogs. Fac. Medicine, Suez Canal Univ.*

18. Lyia A. (2000): Studies of yellow grub disease in some freshwater fishes. Dept of Fish Diseases and Management. Fac Vet. Med., Suez Canal Univ.
19. Azza A. (2000): Studies on cultured fish diseases induced by lernaea species. Dept of Fish Diseases and Management, Fac Vet. Med., Suez Canal Univ.
20. Abd El-Mohsen A. (2002): effect of some antimicrobial agents in the ultrastructural changes of the respiratory tissue of rats. Dept Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.
21. Ramadan (2003): Morphological and immunological studies on ectoparasites of some species of fresh water fish. Dept of Parasitology, Fac Vet. Med., Suez Canal Univ.
22. Faten M. (2003): Morphobiological and immunological studies on nematodes of catfish. Dept. Zoology, Fact. Science, Suez Canal Univ.
23. Nesreen S. (2004): Efficacy of cepropyrazone and its combination with sulbactam in chickens. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ. 17-
24. Mahmoud A. (2004): Toxopathological studies of some fish exposed to petroleum pollution. Dept of Fish Diseases and Management, Fac. Vet. Med., Suez Canal Univ.
25. Gehan E. (2004): Natural and Experimental Studies on Protozoan infection of freshwater fish. Dept. of Parasitology, Fac. Vet. Med., Zagazig Univ.
26. Ibtisam M. (2005): Diagnosis and treatment of parasitic diseases among *Oreochromis niloticus* in Suez Canal). Dept of Fish Diseases and Management, Fac. Vet. Med., Suez Canal Univ.
27. Adel M. (2007): Liver and Kidney affections in slaughtered animals and its relationship with meat quality. Dept of Food Hygiene, Fac. Vet. Med., Cairo University.
28. Rehab (2017): Clinicopathological evaluation to the effect of some immunostimulants in poultry. Dept of Clinical Pathology, Fac. Vet Med., Suez Canal Univ.

LIST OF PUBLICATIONS: (الابحاث المنشورة محليا وعالميا (الابحاث العالمية تحتها سطر)
(A total of 202 Scientific papers published, J. UNDERLINED for International Publications)

1. **Salah M. Aly**, Safaa M. Sharaf , Abeer A. I. Hassanin and Alaa Sh. Griesch (2021): Relation of Gilthead Seabream (*Sparus aurata*) Seasonal Reproductive Activity to Hematology, Serum Biochemistry, Histopathology and *Brdt* Gene Expression. *Fish Physiology & Biochemistry*, <https://doi.org/10.>
2. **Salah M. Aly**, Shima M. Mansour, Randa Y. Thabet, Mahmoud Mabrok (2021): Histopathological markers and Molecular diagnosis of Infectious Myonecrosis virus (IMNV) and Infectious hypodermal and Hematopoietic necrosis virus (IHHNV) in cultured penaeid shrimp in Egypt. *Journal of Diseases in Aquatic Organisms*, 143: 57-67.
3. **Salah M. Aly**, Alaa E. Eissa, Noha I. ElBanna (2021): Efficiency of Monovalent and Polyvalent *Vibrio alginolyticus* and *Vibrio. Parahaemolyticus* Vaccines on the Immune Response and protection in Gilthead Seabream, *Sparus aurata* (L.) against Vibriosis. *Submitted to Fish & Shellfish Immunology* , 11: 145 - 151.
4. **Salah Aly**, Fadel A., Heidy S. (2021): Yersiniosis in *Oreochromis niloticus*; Prevalence, Antimicrobial Resistance and Immunological Response to Ascorbic Acid and Difloxacin *Egyptian Journal of Aquatic Biology & Fisheries*, 25(1): 331 – 350.
5. **Salah M. Aly**, Rania H. Abdo, Nashwa AbdelAtti, Mosleh A. and Wael N. (2020): Toxopathological studies on some antimicrobial drugs after oral administration in Nile tilapia

- (*Oreochromis niloticus*) and catfish (*Clarias gariepinus*). [*Open Access J. of Toxicology*, 4\(2\): 65-73.](#)
6. **Salah M. Aly**, Mabrok, M., Mohamed, M. F (2020): Studies on some ectoparasites infestation among Nile tilapia hatcheries in Egypt: prevalence, therapeutic doses, and preventive measures. [*Aquaculture International*, <https://doi.org/10.1007/s10499-020-00537-w>.](#)
 7. **Salah M. Aly**, Alaa A. Eisa, Noha I. ElBanna (2020): Characterization of *Vibrio Parahaemolyticus* Infection in Gilthead Sea bream (*Sparus auratus*) Cultured in Egypt through Phenotypic, Genotypic and Histopathological Investigations. [*Egyptian Journal of Aquatic Biology and Fisheries*, 24\(1\): 553 – 571.](#)
 8. **Salah M. Aly**, Sayed Abou El-Gheit, Amr Fadel , Habiba Essam El-Din (2020): Digentetic Trematodes in *Dicentrarchus labrax* cultured in Egypt: Prevalence, Clinical Features, Body Condition, and Histopathology. [*Egyptian Journal of Aquatic Biology & Fisheries*, Vol. \(3\): 463 – 480.](#)
 9. Ismail A. Eissa, **Salah M. Aly**, Mona Ismailia, Eman Abouelhassan, Maather M. El-Lamie (2020): Advanced studies on endoparasitic diseases affecting some marine fishes in Ismailia Governorates. [*Egyptian Journal of Aquatic Biology & Fisheries*, Vol. 24 \(5\): 307 – 321.](#)
 10. **Salah M. Aly**, Walid F. Khalil, Samar M. Ghaleb (2020): Antibacterial Activity, Biochemical Effect and Tissue Residue of Fourth Generation Cephalosporin Used in Treatment of Nile Tilapia Fish Against Bacterial Infection. [*Egyptian Journal of Aquatic Biology & Fisheries*, Vol. 24\(3\): 29 – 43.](#)
 11. Salah M. Aly, Ashraf Y. ElDakker, Attia O. ElAiiat and Ahmed M AlBeak (2020): Feeding habits and reproduction period of *Sepia officinalis* captured from Mediterranean sea. [*Egyptian Journal of Aquatic Biology & Fisheries*, Vol. 24\(7\): 171 – 182.](#)
 12. Ashraf Y. ElDakker, Salah M. Aly, Attia O. ElAiiat and Ahmed M AlBeak (2020): Status of *Sepia officinalis* and 19 main fisheries species caught from southern Mediterranean sea, North Sina, Egypt. [*Egyptian Journal of Aquatic Biology & Fisheries*, Vol. 24\(6\): 393 – 404.](#)
 13. **Salah M. Aly**, Walid F. Khalil, Samar M. Ghaleb (2020): Histopathological and Hematological studies on Cephalosporin used in Treatment of Nile tilapia (*Oreochromis niloticus*) fish against *Aeromonas hydrophila* infection. *Suez Canal Vet. Med. Journal*, XXV (1): 115-128
 14. GHALEB SAMAR M., ALYS.M. & KHALIL W. F (2020): CEFQUINOME EFFICACY AND TISSUE RESIDUES IN *AEROMONAS HYDROPHILA* INFECTED TILAPIA FISH. Young Researchers Conference Suez Canal University. <http://yrc2020.scuegypt.edu.eg>.
 15. **Salah M. Aly**, Hamdy A. Fetaih, Aliaa A. Ismail (2019): Protective effects of garlic and cinnamon oils on diethylnitrosamine/2-Acetylaminofluorene-induced P53 gene mutation and hepatocellular carcinoma in albino rats. [*Journal of Analytical and Cellular Pathology*, Article ID 9895485, 15 pages, <https://doi.org/10.1155/2019/9895485>.](#)
 16. Mahmoud S. Mohamed E., Sahar E. Hasan, Wael A. Hassan, Maather M. El-Lamie, Ismail A. Eissa, Waleed F. Khalil, Salah M. Aly (2019): How to Return the Death Programs of Cancer Cells to Work again and Cure Cancer within a Short Time?. [*Cell Biol*, 8: 17-39.](#)

17. Abd Allah O, **Salah M. Aly**, Haidy G. Abel Rahman, Fatma M. Yousef, and Fatma K. Ahmed (2019): Clinicopathological studies on African catfish *Clarias gariepinus* infewcted with motile *Aeromonas hydrophila*. [*EC Veterinary Sciences*, 4, 7: 498-510.](#)
18. **Salah M. Aly** , Mona M. Ismail, Mohamed A. Al Zohairy (2019): Immunostimulant effects of *Nigella sativa* on Catfish (*Clarias gariepinus*) immunized against *Aeromonas hydrophila*. [*Egyptian Journal of Aquatic Biology and Fisheries*, 23 \(4\): 373-384.](#)
19. **Salah M. Aly**, **Safaa M Sharaf**, **Alla, S Greash** (2019): Seasonal reproductive biology among Gilethead seabream, SCVMJ, XXIV (1), 67-76.
20. **Salah M. Aly**, Ahmed M., AbdeRahman D., Reham A. Zedan (2019): Bioactive properties of selected brown, green and red algae species collected from Egypt. SCVMJ, XXIV (1), 93-101.
21. **Salah M. Aly**, (2019): Egypt strategy 2030 for the development of fish resources, 4th Internation conference on sustainable development of livestock production system, Alexnadria, Egypt.
22. Fadel, A. H., Mabrok, M., **Aly S. M** (2018): Epizootic diversity of *Pseudomonas anguilliseptica* in cultured seabream *Sparus aurata* with experimental trials for treatment and control. [*Microbial Pathogenesis*, 121,1-8.](#)
23. **Salah M. Aly**, Alaa A. Eisa, Noha I. ElBanna (2019): Characterization of *Vibrio alginolyticus* Infection in Gilthead Sea bream (*Sparus auratus*) Cultured in Egypt. *Suez Canal Vet. Med. Journal*, XXIV (2), 287-301.
24. **Salah M. Aly** (2019): Egypt 2030 Strategy for the Development of Fish Resources. 4th International Conference on Sustainable Development of Livestock Production Systems, Alexandria University.
25. **Salah M. Aly**, Safaa M. Sharaf and Alaa Sh. Griesh (2019): Seasonal reproductive biology of gilthead seabream (*Sparus aurata*). *Suez Canal Vet. Med. Journal*, XXIV (1): 67- 76.
26. **Salah M. Aly**, Ahmed M. I., Abdelrahman D., Reham A. Zidan (2019): Bio- Active Properties of Selected Brown, Green and Red Algae species Collected from Egypt. *Suez Canal Vet. Med. Journal*. XXIV (1): 93- 101.
27. Arshad Husain Rahmani, Mohammed A. Alsahli, **Salah M. Aly**, Masood A. Khan, Yousef H. Aldebasi (2018): Role of Curcumin in Disease Prevention and Treatment. [*Advanced Biomedical Resaerch*, IP: 5.82.247.194: 1-9.](#)
28. **Salah M. Aly**, Mohamed AbouElatta, Nashwa abdelRazek, Asmaa O. El-Ramlawy (2018): Histopathological evaluation of isolated probiotic (*Pseudomonas fulva*) with special reference to immune response and growth performance of Nile tilapia(*Oreochromis niloticus*). *Suez Canal Vet. Med. Journal*, XXIII, 15-29.
29. **Salah M. Aly**, Hamdy A. Fetaih, Aliaa A. Ismail (2018): Potential preventive effect of cinnamon oil against diethylnitrosamine-induced hepatocellular carcinoma in albino rats: Histopathological and serum biochemical Evaluation. *Suez Canal Vet. Med. Journal*, XXIII (2): 45-57.
30. **Salah M. Aly**, Shimaa M. Mansour, Randa Y. Thabet (2018): Pathological and Molecular characterization of Lymphocystis disease virus (LCDV) in sea bream fish in Egypt. *Suez Canal Vet. Med. Journal*, XXIII (2): 109 -126.
31. **Salah M. Aly**, Shimaa M. Mansour, Randa Y. Thabet (2018): Pathological and Molecular diagnosis of White spot syndrome virus (WSSV) among shrimp in Egypt. *Suez Canal Vet. Med. Journal*, XXIII (2): 127-142.

32. Eissa I., **Salah M. Aly**, Marwa A. Hassan, Esraa E. Eyada (2018): Impact of some Heavy Metals pollutants in Lake Tamsah in relation to Red tilapia, Egypt. *Suez Canal Vet. Med. Journal*, XXIII (2) 2018, 169-186.
33. Ismail A. Eissa, Maather M. El-Lamie, **Salah M. Aly**, Ramy H. (2017): Studies on the Prevailing Parasitic Diseases in Some Marine Fishes. *Egyptian Vet. Med. Society of Parasitology*, 13 :64-77.
34. Khafagy A. R., El-Gamal R. M., Hala F. Ayoub Samaa A.M and **Aly S.M.** (2017): Histopathological changes in catfish (*Clarias garipeneaus*) infected by *Staphylococcus aureus*. *1st International Conference (Central Laboratory For Aquaculture Research In Cooperation With Worldfish, 20-22 November, 239-253.*
35. Ismail A. Eissa, **Salah M. Aly**, Dewra H, Amal, F. (2017): Studies on Vibriosis among some cultured marine fishes. *Suez Canal Vet. Med. Journal*, XXII (1), 1-18.
36. Ismail A. Eissa, Maather M. El-Lamie, **Salah M. Aly**, Nagwa Khaled (2017): Studies on parasitic crustaceans among some cultured marine fishes. *Suez Canal Vet. Med. Journal*, XXII (2), 185-194.
37. Ismail A. Eissa, Maather M. El-Lamie, **Salah M. Aly**, Manar Ahmed (2017): Studies on parasitic Trematodiasis Affecting some cultured marine fishes. *Suez Canal Vet. Med. Journal*, XXII (2), 165-183.
38. Moodi Al-Mutairi, Sarah Ali, **Salah M. Aly** and Yousef Aldebasy (2016): Antimicrobial activity of Sider (*Ziziphus spinachristi*) leaves extract against selected pathogenic bacteria. [*European Journal of Pharmaceutical and Medical Research*, 3\(5\), 138-144.](#)
39. Nazik Elmalaika O. S. Husain, Ali Yousif Babiker, Aqel S. Albutti, Mohammed A. Alsahli, **Salah M. Aly** and Arshad H. Rahmani (2016): Clinicopathological Significance of Vimentin and Cytokeratin Protein in the Genesis of Squamous Cell Carcinoma of Cervix. [*Obstetrics and Gynecology International Volume 2016, Article ID 8790120, 5 pages.*](#)
40. **Salah M. Aly**, Mohamed El Zohairy, Nashwa Abdel Atti, Arshad Rahmani (2016): Trials to improve the response of *Oreochromis niloticus* to *Aeromonas hydrophila* vaccine. [*African Journal of Biotechnology*, 15 \(21\): 989-994.](#)
41. Yousef H. Aldebasi, Muhammad I. Ahmad, Manzoor A. Qureshi, **Salah M. Aly** (2016): Prevalence of contact lens-related complications among wearers in Saudi Arabia. [*Sudanese J. of Ophthalmology*, 8 \(1\): 14- 19.](#)
42. Mohamed M. Abdel-Daim, **Salah M. Aly**, Khaled Abo-el-Sooud, Mario Giorgi, and Sorin Ursoniu (2016): Role of Natural Products in Ameliorating Drugs and Chemicals Toxicity. [*Evidence-Based Complementary & Alternative Medicine, Editorial, Article ID 7879406.*](#)
43. **Salah M. Aly** and Mona Ismail (2016): Characteristic of infectious dropsy from an epizootic of cultured Common carp (*Cyprinus carpio L*) with special investigation to swim bladder lesions. *Suez Canal Vet. Medical Journal*, XXI (1) 185-195.
44. **Salah M. Aly** (2016): Sustainable Development of Mariculture in the Suez Canal region. *3rd Scientific Conference for Young Researchers, Suez Canal University, 7-8 May, Keynote Speaker.*
45. Nagat.A.M. El-Kurdi, Reham. A.Z. Mohamed. Alaa. S.M. Griesch, Abeer. A. I. Hassanin, **Salah. M. Aly** (2016): Bacteria of Cultured Nile tilapia (*Oreochromis niloticus*) and its Antimicrobial Resistance with Effect on Quality / Shelf-life. *3rd Scientific Conference for Young Researchers, Suez Canal University, Oral PTT, 7-8 May.*

46. Mohamed. H. Elsheikh, Asmaa O. Mohamed, Abeer. A. I. Hassanin, **Salah.M.Aly** (2016): Role of Immunostimulants in improving Mariculture. *3rd Scientific Conference for Young Researchers, Suez Canal University, Oral PTT, 7-8 May.*
47. **Salah M. Aly**, Shabana, I , Nashwa M. Abdel Atti (2015): Effect of electromagnetic fields on *Aeromonas hydrophyla* from cultured Nile (*Oreochromis niloticus*). *J of Pure and Applied Microbiology, 9: 325-332.*
48. Arshad Rahmani, Ali Babiker, Wanian AlWanian, Shawgi Elsiddig, Hassan Faragalla, and **Salah M. Aly** (2015): Association of Cytokeratin and Vimentin Protein in the Genesis of Transitional Cell Carcinoma of Urinary Bladder. *Disease Markers, V. 2015, ID 204759, 5 pages.*
49. **Salah M. Aly**, Aqel S. Albutti, Arshad H. Rahmani, Nashwa M. Abdel Atti (2015): The response of New-season Nile tilapia to *Aeromonas hydrophyla* vaccine. *International Journal of Clinical and Experimental Medicine, 8 (3) 4508-4514.*
50. Elsayed E. Mehana, Arshad Rahmani and **Salah M. Aly** (2015): *Immunostimulants and Fish Culture: An Overview.* *Annual Review & Research in Biology, 5 (6): 477-489.*
51. Arshad H. Rahmani, Yousef H. Aldebasi, Sauda Srikar, Amjad Khan, **Salah M. Aly** (2015): Aloe Vera: Potential candidate in health management via modulation of biological activities. *Pharmacognosy Reviews, 9 (18): 120-126.*
52. Yousef H. Aldebasi, **Salah M. Aly**, Manzoor A. Qureshi, Ijaz Ahmed (2015): Therapeutic implication of Terfizia clavari extract on the corneal ulcer of rabbit. *British Journal of Medicine & Medicinal Research, 8 (10) 863- 873.*
53. Arshad H Rahmani, **Salah M. Aly**, Fahad M Al shabrimi, Khaled S Allemailem and Masood A Khan (2015): Implications of green tea and its constituents in the prevention of cancer via the modulation of cell signalling pathway. *BioMed Research International, V 2015, ID 925640, 12 pages.*
54. Arshad Rahmani and **Salah M. Aly** (2015): Nigella Sativa and its constituents thymoquinone shows pivotal role in the disease prevention and treatment. *Asian Journal of Pharmaceutical and Clinical Research, 8, 15: 48 – 53.*
55. Arshad Rahmani, Yousef H. Aldebasi and **Salah M. Aly** (2015): Role of Green Tea and Its Constituent Epigallocatechin-3-Gallate in the Health Management. *International Journal of Pharmacy and Pharmaceutical Sciences, 7 (3): 6-12.*
56. Nevien K. Abdelkhalek, Mohamed Fathi and **Salah M. Aly** (2015): Effect of dietary supplementation of some immunostimulants on growth performance, profitability and disease resistance of Nile tilapia (*O. niloticus*) fries reared in hapa-in-pond system under different stocking density. *Veterinary Medical Journal, ISSN 1110-1423, 61(4): 77-84.*
57. **Salah M Aly**, EM Ali, AA Dessouki and AA Dawah (2014): Efficiency of using green algae as biological controller against toxic algal taxa in cultured Nile tilapia *Oreochromis niloticus*, based on histopathological examinations. *African Journal of Aquatic Sciences, 39 (4): 443-450.*
58. **Salah M. Aly** and Aqel Albutti (2014): Antimicrobials Use in Aquaculture and their Public Health Impact. *J. of Aquaculture Research & Development, 5, 4: 1-6.*

59. Yousef H. Aldebasi, **Salah M. Aly**, Riazunnisa and Habeeb Khadri (2014): Noble silver nanoparticles (AgNPs) synthesis and characterization of fig-leaf (*Ficus carica*) extract and its antimicrobial effect against clinical isolates from corneal ulcer. [*African Journal of Biotechnology*, 13 \(45\):4275-4281.](#)
60. **Salah M. Aly** (2014): Role of Intermittent Fasting on Improving Health and Reducing Diseases. [*Int. Journal of Health Sciences, Vol. 8, No. 4. V- VI.*](#)
61. Arshad H. Rahmani, Mohamad A. Al Zohairy, **Salah M. Aly** and Masood A. Khan (2014): Curcumin, A Potential Candidate in Prevention of Cancer via Modulation of Molecular Pathways. [*BioMed Research International, V 2014, ID 761608, 15 pages.*](#)
62. Yousef H. Aldebasi, Hala A. Mohamed, **Salah M. Aly** (2014): Histopathological Studies on Rabbits Infected by Bacteria Causing Infectious Keratitis in Human through Eye Inoculation. [*International J of Health Sciences, 8 \(3\): 257-267.*](#)
63. Ali Y. Babiker, Arshad H Rahmani, Mohamed S Abdalaziz, Aqel Albutti, **Salah M Aly** and Hussain Gadelkareem Ahmed (2014): Expressional analysis of p16 and cytokeratin19 protein in the genesis of oral squamous cell carcinoma patients. [*Int J Clin Exp Med. 7\(6\):1524-153.*](#)
64. Arshad H Rahmani, Fahad M Al shabrmi and **Salah M Aly** (2014): Active ingredients of ginger as potential candidates in the prevention and treatment of diseases via modulation of biological activities. [*Int J Physiol Pathophysiol Pharmacol., 6 \(2\):125-136.*](#)
65. Yousef Aldebasi, **Salah M. Aly**, Muhammad Ijaz Ahme, Amjad Ali Khan (2014): Experimental Investigation on Rabbits following peritoneal injection of Bacteria isolated from human Keratitis. [*British Journal of Medicine & Medicinal Research, 4 \(26\): 470- 481.*](#)
66. Arshad Rahmani, Aqel Albuti, **Salah M. Aly** (2014): Therapeutics role of olive fruits/oil in the prevention of diseases via modulation of anti-oxidant, anti-tumour and genetic activity. [*Int J Clin Exp Med 2014; 7\(4\):799-808.*](#)
67. Amjad Ali Khan, Arshad H. Rahmani, Yousef Aldebasy, **Salah M. Aly** (2014): Biochemical and Pathological studies on Peroxidases: An updated review. [*Global Journal of Health Sciences, 6 \(5\): 87- 98.*](#)
68. Arshad Rahmani, Mohamed El Zohairy, Masood Khan, **Salah M. Aly** (2014): Therapeutic implications of Black seeds (*Nigella Sativa*) in the inhibition of cancer through inactivation and activation of genetic pathways. [*Evidence-Based Complementary and Alternative Medicine, 2014, 1-13.*](#)
69. Arshad H Rahmani, **Salah M. Aly**, Habeeb Ali, Ali Y Babiker, Sauda Srikar, Amjad A khan (2014): Therapeutic effects of Date Fruits (*Phoenix dactylifera*) in the prevention of diseases via modulation of anti-inflammatory, anti-oxidant and anti-tumor activity. [*Int J Clin Exp Med.; 7\(3\):483-491.*](#)
70. **Salah M. Aly** (2013): A Review of Fish Diseases in the Egyptian Aquaculture Sector. Working Report, Research Program in Livestock and Fish. www.livestockfish.cgiar.org, [*salah*](#)
71. **Salah M. Aly**, Wael G. Nouh, Nashwa Abdel Atti, Ahmed M. El-Ashram (2013): Pathological and electron microscopic studies on cold water disease among cultured rainbow trout (*Oncorhynchus Mykiss* Walbaum). [*Veterinary Science Development; 3:e2:6-9.*](#)

72. Said K. Abolghait, Mohamed F. Mohamed, **Salah M. Aly**, Aboubaker M. Garbaj, Ashraf A. Moawad (2013): Attenuated virulence of pigment-producing mutant of *Aeromonas veronii* bv. sobria in HeLa cells and Nile tilapia (*Oreochromis niloticus*). *Int. Journal of Veterinary Science and Medicine*, 1, 43–47.
73. Yousef H. Aldebasi, **Salah M. Aly**, Arshad H. Rahmani (2013): Therapeutic implications of curcumin in the prevention of diabetic retinopathy via modulation of anti-oxidant activity and genetic pathways. *International J of Physiology, Pthophysiology and Pharmacology*, 5 (4): 194-202.
74. Yousef H. Aldebasi, **Salah M. Aly**, Muhammad I. Ahmed, Amjad A. Khan (2013): Incidence and risk factors of bacteria causing infectious keratitis. *Saudi Medical Journal*, 34 (11): 1156-1160.
75. Yousef H. Aldebasi, **Salah M. Aly**, Muhammad Ijaz Ahmed (2013): Complications of Contact Lenses; A clinic-experimental study to evaluate the effects of bacterial contamination. *Pakistan J. of Ophthalmology*, 29 (3): 137 – 146.
76. Yousef H. Aldebasi, **Salah M. Aly**, Manzoor A. Qureshi, Habeeb Kadri (2013): Novel antibacterial activity of *Terfizia Claveryi* aqueous extract against bacterial isolates of corneal ulcer. *African J of Biotechnology*, 12 (44): 6340-6346.
77. Arshad H Rahmani, Mohammad Alzohairy, Ali Yousif Y Babiker, Amjad A Khan1, **Salah M. Aly**, Moshahid A Rizvi (2013): Implication of androgen receptor in urinary bladder cancer: a critical mini review. *Int. J. of Molecular Epidemiology and Genetics*, 4(3):150-155.
78. Wael G Nouh, Ahmed G Selim, Khaled F Sayed, **Salah M. Aly** (2013): Toxopathological Studies on Ethylenebisdithiocarbamates Metabolite in Albino Rats. *Journal of Applied Environmental and Biological Sciences*, 3(5)1-16, 2013.
79. Yousef H Aldebasi, Arshad H Rahmani, Amjad A Khan, **Salah M. Aly** (2013): The effect of vascular endothelial growth factor in the progression of bladder cancer and diabetic retinopathy. *Int J Clin Exp Med* 2013; 6(4):239-251.
80. **Salah M. Aly** (2013): Risk of Antimicrobials Misuse. *Int. Journal of Health Sciences*, Vol. 7, No. 1. V- VI.
81. Arshad Rahman, **Salah M. Aly**, Md. Zafaryab, Ashish K Mandal, M. Moshahid A. Rizvi (2013): Hormonal receptor (Androgen receptor and Estrogens receptor) changes in the genesis of bladder carcinoma. *4th Int. Conference on Stem Cells and Cancer. New Delhi, India, 27 - 30 October, 2013. 153.*
82. Ali Yousef, Mohamed Aziz, Faris Eltoum, Arshad Rahmani, Mohamed Alzohairy, **Salah M. Aly**, Husain Ahmed (2013): Screening for high risk human papilloma virus (HR-HPV) subtypes among Sudanese patients with oral lesions. *1st Int. Conference for Medical Laboratories, Khartoum, Sudan 6-9 December, 2013.*
83. Amal K. El - Gayar and **Salah M. Aly** (2013): Studies on Some Protozoan parasites and Encysted metacercarial Infection of Freshwater Fishes in Egypt. *EVMSPJ.*, 9: 31 – 43.

84. Adel Attia, **Salah M. Aly**, Youssif Abdel Galil and Mohamed Fathi (2012): Effect of injection vaccination against *Pseudomonas fluorescens* on specific and non-specific immune response of Nile tilapia (*Oreochromis niloticus*) using different prepared antigens. [Open Access Scientific Reports, 1 \(12\): 1-7.](#)
85. **Salah M Aly**, Wael G Nouh, Mounir M. Salem-Bekhit (2012): Bacteriological and Histopathological Studies on Enterobacteriaceae in Nile Tilapia *Oreochromis Niloticus*. [J. Pharm. Biomed. Sci., 2\(7\)94-104.](#)
86. **Salah M. Aly**, Ramadan Taha and Amina A. Dessouki (2012): Experimental Pathological, Hematological and Biochemical studies on Streptococcosis in Nile tilapia (*Oreochromis niloticus*). [5th Global Fisheries & Aqua. Research Conf., Egypt, 42 – 57, Published in CAB International.](#)
87. Yousef H. Aldebasi, Wael G. Nouh, Nashwa M. Abdel Atti, Mounir M. Salem-Bekhit, Manzoor Qureschi, **Salah M. Aly** (2012): Comparative Pathological Studies on the Healing Effect of Natural (*Terfezia clavaryi*) and Synthetic (Vigamox) Antimicrobials on Corneal Ulcers in Rabbits. [Journal of Pharmaceutical and Biomedical Sciences, 2\(6\)1-12.](#)
88. Arshad Rrahman, Ali Yousif Babike, Md Zafaryab, **Salah M. Aly**, Moshahid Rizvi, Husain Gad Elkarimahmad, Mohammad Alzohairy (2012): Expressional evaluation of PTEN and Bcl2 protein in oral squamous cell carcinoma. [3rd Int. Conference on Stem Cells and Cancer \(ICSCC-2012\): Proliferation, Differentiation, and Apoptosis, 27 - 30 October, 2012, New Delhi, India.](#)
89. Iman Abumourad, **Salah M. Aly** and Pin Nie (2011): Cytochrome C Oxidase Subunit-1(COX1) Gene in Tilapia *Oreochromis Niloticus*: Its Cloning and Characterization. [Mediterranean Aquaculture Journal, 4\(1\): 12-17.](#)
90. **Salah Mesalhy**, Osama Abd-Allaha, Amina Mahmoud and Hala Gafer (2011): Efficiency of Levamisole in Improving the Immune Response of Catfish (*Clarias gariepinus*) to *Aeromonas hydrophila* Vaccine: Clinico-Pathological Studies. [Mediterranean Aquaculture Journal 4\(1\); 18-26.](#)
91. Mai Ibrahim, **Salah Mesalhy** (2010): Determining the safety and suitability of fluorescein dye For characterization of skin ulcerations in cultured Nile tilapia (*Oreochromis niloticus*) and African sharptooth catfish (*Clarias gariepinus*). [Journal of Advanced Research, 1 \(4\): 361.366.](#)
92. **Salah Mesalhy**, Gamal El Naggat, Moahmed Fathi Mohamed and Waheed Elwan (2010): Effect of some immunostimulants and probiotics on overwintering and vaccination of Tilapia fry. [J of Applied Aquaculture, 22, \(3\): 210-215.](#)
93. Mai Ibrahim, Mohamed Fathy, **Salah Mesalhy**, A. Abde Atty (2010): Effect of dietary supplementation of inulin and vitamin C on the growth, hematology, innate immunity, and resistance of Nile tilapia (*Oreochromis niloticus*). [Fish and Shellfish Immunology, 29: 241-246.](#)
94. **Salah Mesalhy** and Mohamed Fathi (2010): Echinacea and garlic as immunostimulants in fish culture: a comparative case study using Nile tilapia (*Oreochromis niloticus*). [J of Animal Physiology and Animal Nutrition, 94:a31 – a39.](#)
95. AbdAllah O., **Salah Mesalhy** and Mona Mahmoud (2010): Clinicopathological studies on tilapia nilotica (*Oreochromis Niloticus*) infected with various species of the family streptococcaceae. [Zag. Vet. J., 38 \(5\): 1-10.](#)

96. Nouh WG, **Salah Mesalhy**, Abdel-Rahman K, Amer OH (2010): Histopathological, Parasitological and Molecular Biological Studies on Metacercariae from *Oreochromis Niloticus* and *Clarias Gariepinus* Cultured in Egypt. *Zag. Vet. J.* , 38 (4): 92-105.
97. **Salah Mesalhy** (2009): Probiotics and Aquaculture: A review. *CAB International: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources*, 4 (74): 1-16.
98. Mohamed Megahid and **Salah Mesalhy** (2009): Challenges facing marine aquaculture and an overview to develop this industry in Egypt. *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 505 – 527.*
99. **Salah Mesalhy** and Mohamed Megahid (2009): Improving disease resistance in cultured fish through Selection programs. *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 387 – 405.*
100. Mohamed Megahid and **Salah Mesalhy** (2009): Artificial feed and feed technology for marine finfish and shellfish larvae. *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 647-663.*
101. **Salah Mesalhy** and Mohamed Megahid (2009): Health Management in Marine Fish and Shrimp Hatcheries with special reference to immunostimulants. *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 547 -569.*
102. **Salah Mesalhy** (2009): Aquaviance improves aquaculture performance of tilapia (*Oreochromis niloticus*). *HIB Aqua Technica, March 2009.*
103. Nadia M., Mohamed F., Mohamed Y. and **Salah Mesalhy** (2009): Effect of garlic and yeast in the culture of Nile Tilapia (*Oreochromis niloticus*). *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 453 – 465.*
104. MA Mahmoud, **SM Aly**, AS Diab and G John (2009): The role of ornamental gold fish, *Carassius auratus* in transmission of some viruses and ectoparasites to cultured fish in Egypt: Comparative ultrathological studies. *African Journal of Aquatic Sciences*, 34 (2): 111- 121.
105. Mohamed Megahid and **Salah Mesalhy** (2009): Domestication and species diversification to improve marine aquaculture in Egypt. *Global Fisheries & Aquaculture Research Conference, 24-26 October, Published in CAB International/Abbassa Int. J. for Aquaculture, special issue, 529 – 546.*
106. **Salah Mesalhy**, Nashwa Abdel Atti and Mohamed Fathy (2009): Effect of pond fertilization using chicken manure on microbial profile, antimicrobial resistance, quality and shelf-life of cultured Tilapia nilotica. *6th International Scientific Conference, Fac. Vet. Med., El Mansoura Univ., 22-23 April, 2009: 317- 339.*
107. Wael Nouh, Mohamed Fathi and **Salah Mesalhy** (2009): Pathological evaluation to the effect of some probiotics on the health and immune status of Nile tilapia (*Oreochromis niloticus*). *Egypt. J. Comp. & Clin. Pathol.*, 22 (2): 233 - 249.
108. **Salah Mesalhy**, Ramadan Taha and Shima ElBahr (2009): Effect of different stocking density on the survival and health status of Tilapia nilotica. *Suez Canal Vet. Med. Journal* IVX (1), 101-110.

109. **Salah Mesalhy**, Yousef Abdel Galil, Ahlam Abdel Aziz & Moahmed Fathi Mohamed (2008): Studies on *Bacillus subtilis* and *Lactobacillus acidophilus* as a potential probiotics on the immune response and resistance of *Tilapia nilotica* (*O. niloticus*) to challenge infections. [*Fish & Shellfish Immunology*, 25/1-2: 128-136.](#)
110. **Salah Mesalhy**, Azza M. Abdel Rahman, George John and Mohammed Fathi Mohammed (2008): Characterization of some bacteria isolated from *Oreochromis niloticus* and their potential use as probiotics. [*Aquaculture*, 277 \(1-2\), 1-6.](#)
111. **Salah Mesalhy**, Mohammed Fathi Mohammed and George John (2008): Effect of probiotics on the survival, growth, resistance to cold stress and challenge infection in *Oreochromis niloticus*. [*Aquaculture Research*, 39 \(6\) 647-657.](#)
112. Ahmed Said Diab, **Salah Mesalhy**, George John, Yasser Abde-Hadi and Mohamed Fathi Mohammed (2008): Effect of garlic, black seed and Biogen as immunostimulants on the growth and survival of Nile tilapia, *Oreochromis niloticus* (Teleostei: Cichlidae), and their response to artificial infection with *Pseudomonas fluorescens*. [*African Journal of Aquatic Science*, 33 \(1\) 63-68.](#)
113. **Salah Mesalhy**, Mohamed Fathi Mohammed and George John (2008): Echinacea as growth promoting, immunostimulatory and antimicrobial agent in *Tilapia nilotica* (*Oreochromis niloticus*) via earthen pond experiment. [*8th International Symposium on tilapia in Aquaculture, Egypt, 12-14 October, 1003-1042*](#).
114. **Salah Mesalhy**, Nashwa Abdel Atti and Mohamed Fathy (2008): Effect of Garlic on The Survival, Growth, Resistance To Cold Stress and Challenge Infection In *Tilapia nilotica*, *Oreochromis niloticus*. [*8th International Symposium on tilapia in Aquaculture, Egypt, 12-14 October, 277- 296.*](#)
115. Ryad Khlil and **Salah Mesalhy** (2008): Photobacteriosis in some fishes in Egypt. [*8th International Symposium on tilapia in Aquaculture, Egypt, 12-14 October, 1211- 1228.*](#)
116. Mohamed Wafeek, Ibrahim Shagr and **Salah Mesalhy** (2008): Effect of Macrophytes (Hyacinth and Chlorella) on Water Polluted By Heavy Metal and The Pathophysiological Response of Exposed Fish. [*8th International Symposium on tilapia in Aquaculture, Egypt, 12-14 October, 531- 550.*](#)
117. Ahmed M.M. El-Ashram, Mohamed Fathi Mohammed and **Salah Mesalhy** (2008): Effect of Biobuds as A Commercial Probiotic Product In The Culture of Nile Tilapia Cultured Tilapia. [*8th International Symposium on tilapia in Aquaculture, Egypt, 12-14 October, 1089- 1096.*](#)
118. **Salah-Mesalhy**, Osama Abd-Allah, Wafaa Abou- Elella, Boshra Hussein (2008): Effect of *Pseudomonas Fluorescens* Infection in The Hematology, Serum Biochemistry and Histopathology of Catfish (*Clarias garipenus*) with Trials for Treatment and Control. [*Duetscher Tropentag 2008, October 7-8, Hohenham Univ., Stuttgart, Germany, 357.*](#)
119. **Salah-Mesalhy**, Osama Abd-Allah, Amina Mahmoud, Hala Gafer (2008): Efficiency of Levamisole in Improving The Immune Response of Catfish (*Clarias gariepenus*) to *Aeromonas hydrophila* Vaccine: Clinico-Pathological Studies. [*Duetscher Tropentag 2008, October 7-8, Hohenham Univ., Stuttgart, Germany, 358.*](#)
120. Abdel Moneim El Meleigy, **Salah Mesalhy**, Mahmoud El Hammamy, Nagwa Shalaby and Seham Fouaad (2008): Effect of some chemical pollutants on the response of chickens to vaccination. [*Int. conference of Poultry Science Association, 2008, July 20-23, Niagara, Ontario, Canada, 615 - 623.*](#)

121. Dawah A., El-Naggar G.; **Mesalhy S.** (2008): Field studies on prevention and biological control of the cyanobacterial blooms using *Chlorella* and *Scenedesmus* in the Nile tilapia farms. *2nd Scientific Conference of CLAR for Sustainable development of Aquaculture 13-14 January, 2008, Published in Abbassa Int. J. of Aquaculture, (1A), 151-177.*
122. **Salah Mesalhy**, Samya I. A. Hasanin and Ahmed Z. Hssab-Alla (2008): Impact of Saturn herbicide on histological structures and residual aspects of Nile tilapia (*Oreochromis niloticus*). *17th Conference of Comparative Pathology & Clinical Pathology for Vet. Med. Society, 31/1- 2/2,2008, published in J. Comp. Path. & Clinic. Path., 21 (1): 259- 274.*
123. **Salah Mesalhy**, Mohammed Fathi Mohammed and George John (2007): Effect of probiotics on the survival, growth, resistance to cold stress and challenge infection in *Oreochromis niloticus*. *The Arabian Seas International Conference on Science and Technology of Aquaculture, Fisheries and Oceanography, Kuwait, 10-13 February.*
124. George John, **Salah Mesalhy**, Mahmoud Rezk, Gamal El-Naggar and Mohamed Fathi (2007): Effect of some immunostimulants as feed additives on the survival and growth performance of Nile tilapia, *Oreochromis niloticus* and their response to artificial infection. *The International Arab African Fish Resources Conference, published in Egyptian J. of Fisheries and Aquatic Biology, 11 (3) 1299 – 1308.*
125. **Salah Mesalhy**, George John, Gamal El-Naggar and Mohamed Fathi (2007): Effect of Echinacea on body gain, survival and some hematological and immunological parameters of *Oreochromis niloticus* and their response to challenge infection. *The International Arab African Fish Resources Conference, published in Egyptian J. of Fisheries and Aquatic Biology, 11 (3) 435 - 445.*
126. Anisa, M. Moustafa, Abd-El-Menem A. Aly, **Salah Mesalhy**, Hussein A. Elghobashy, Samya, I. Hasanin and Atef E. Ibrahim (2007): Influence of phenol pollution on Nile tilapia (*Oreochromis niloticus*). *The International Arab African Fish resources Conference.*
127. Dawah A., **Salah Mesalhy**, El-Naggar G. (2006): Laboratory studies for preventing the growth of *Micocystis auroginosa* using *Chlorella* and *Scenedesmus* in the Nile tilapia culture. *7th Int. Symposium on tilapia in Aquaculture, Mexico, 10-13 Sept, 366-374.,/Egypt. J. of Agriculture Research, 84 (1A) 191-203.*
128. Dawah A., El-Naggar G.; **Salah Mesalhy** (2006): Biological control of cyanobacterium; *Micocystis sp.* Using Chlorophyceae *Chlorella* and *Scenedesmus* mass culture. *1st Int. Environmental Forum, Tanta univ., Egypt, 1-3 April, 36. 7th Int. Symposium on tilapia in Aquaculture, Mexico, 10-13 Sept., 375-386.published in Egyptian J. of Fisheries and Aquatic Biology, 11 (3) 709 – 720.*
129. Ahmed Diab, **Salah Mesalhy**, George John, Yasser Abdel Hadi and Mohamed Fathi (2006): Effect of some local immunostimulants on the survival, growth performance and challenge infection of *Oreochromis niloticus*. *7th International Symposium on tilapia in Aquaculture, Mexico, 10-13 Sept., 220-232.*
130. Dawah A., **Salah Mesalhy**El-Naggar G. (2006): Control of *Micocystis auroginosa* using tannic acid. *1st Int. Environmental Forum, Tanta Univ., Egypt, 1-3 April, 37, Egyptian J. of Biotechnology, 24: 229-241.*
131. **Salah Mesalhy**, Wael Nouh and Aida Dawah (2006): Pathological Evaluation on The Efficacy of Tannic Acid to Control *Micocystis aeruginosa* in Egyptian Aquaculture and their safety for *Oreochromis niloticus*. *Egypt. J. Comp. &Clinic. Pathol., 19 (3) 187 – 202.*
132. **Salah Mesalhy**, Ahmed El Ashram and Amina Dessouki (2006): Pathological evaluation to the effect of some infectious and non infectious agents on *Oreochromis niloticus* with

- special reference to reproductive performance. *4th Sci. Suez Canal Vet. Med. Conference, Suez Canal Vet. Med. J., X (1) 295- 302.*
133. Ali Ahmed, Nashwa Abdel Atti and **Salah Mesalhy** (2006): Effect of some Probiotics as Feed Additive on the Quality and Shelf Life of Fish. *12th Scientific Vet. Med. Conference, Assuit Univ., 17–19 Dec., 753-772.*
 134. Adel M. Shalaby, Ahmed M. El Ashram and **Salah Mesalhy** (2006): Reproductive and patho-physiological responses of blue tilapia (*Oreochromis niloticus*) exposed to chromium with or without chelating substances. *Egypt. J. Exp. Biol., 2: 195 – 205.*
 135. **Aly S.**, Fayek s., Amer O., El-Ashram A. and Shagar G. (2005): Pathological evaluation to some protozoa infections among freshwater fish in Egyptian aquaculture. [*Duetscher Tropentag, October 11-13, Hohenham Univ., Stuttgart, Germany.*](#)
 136. **Aly S.**, Eissa I., Badran A., Elamie M., Hussein B. (2005): Pathological studies on encysted metacercariae infections among some freshwater fish in Egyptian aquaculture. [*Duetscher Tropentag, October 11-13, Hohenham Univ., Stuttgart, Germany.*](#)
 137. Antonio Cossu, Tizian Lai, Piero Cossu, Marco Casu, Marco Curini Galletti, **Salah Mesalhy** (2005): Differenziamento genetic tra popolazioni di Marina ileanae Currini Galletti, 1997 (Rhabditophora:Proseriata) provenientia dal canal di Suez e dal Mar Rosso. [*66 Conresso Nazionale Unione Zoologica Italiana, 19-22 Settembre, 2005, Rome.*](#)
 138. Nashwa Abdel Atti and **Salah Mesalhy** (2005): A Study on the Effect of Echinacea as potential immunostimulatory and antimicrobial drug on Fish Quality. *Suez Canal Vet. Med. J., VIII (II): 89 - 98.*
 139. El-Genaidy H., Zaki M. and **Salah M. Aly** (2004): Pathological and biochemical studies in catfish infected with *Saprolegnia parasitica* and treated with potassium permanganate. *Egypt. J. Basic Physiol., 3 (1): 201 – 212.*
 140. Eissa I, Rawia S. Adawy, **Salah M. Aly**, Asmaa A. (2004): Studies on prevailing skin parasitic diseases among cultured *Oreochromis niloticus*. *Suez Canal Vet. Med. J., VII (1): 217 – 230.*
 141. **Salah M. Aly** and W. G. Nouh (2004): Toxopathologic and electron microscopic studies on catfish (*Clarias gariepinus*) experimentally survived in cadmium chloride polluted water. *Egypt. J. Comp. Path. & Clinic. Path., 17 (2) : 148-166.*
 142. **Salah M. Aly** and Mohamed K. Morsi (2004): Bacterial causes of mortalities in young ostrich chicks, *Suez Canal Vet. Med. J., VI (2): 117 - 139.*
 143. Sohar Y. Mohamed, Enany M. E. and **Salah M. Aly** (2004): Pathological studies on Clostridial infections among sheep in Suez Canal area. *J. Egypt. Vet. Med. Assoc., 64 (1): 163 – 177.*
 144. Mohamed M., Mona S. Zaki, Hala A. Gainedy, **Salah M. Aly** and Hatem E. (2004): Nutritional, pathological, clinicopathological and immunological studies on goats exposed to copper oxychloride and ultranatural plus, *Egypt. J. Comp. & Clinc. Pathol., 17 (1): 94 - 113.*
 145. **Salah M. Aly**, Mahmoud M. El-Hamamy and Soheir Y. Mohamed (2004): Retrospective Study on Some Neurological Signs Among Cattle and Buffaloes in Suez Canal Area. *Egypt. J. Comp. & Clinc. Pathol., 17 (1), 186 – 200.*
 146. Kowther A. El-Hady, Hassan M., El-Hamid A., **Salah M. Aly** and Rania H. Abdo (2004): Toxopathological studies on butylated hydroxytoluene (antioxidant) in male rat. *3rd Scientific Conference in Vet. Medicine, El-Monofia Univ., El-Sadat City, 14-16 April, Minufiya Vet.Med. J., 3 (2): 489 – 508.*

147. **Salah M. Aly**, Nouh W. and Nagah E. Edrees (2004): Side effects associated with Long-term therapy of Sodium valproate in albino rats. *Alex. J Vet. Sci.*, 21 (1)384 – 398.
148. **Salah M. Aly** (2003): Pathological evaluation to the effect of some parasitic infections on the immune response of fish to vaccination. *78th Annual Meeting of the American Society of Parasitologist, Halifax, Canada (August, 1-5), 63-79.*
149. **Salah M. Aly**, Mona S. Zaki and Hala M. El-Genaidy (2003): Pathological, biochemical, hematological and hormonal changes in catfish (*Clarias gariepinus*) exposed to lead pollution. *J. Egypt. Vet. Med. Assoc.*,63 (1): 331 – 342.
150. Abd-Elfatah M., Ashour I., **Salah M. Aly** and Foud I. (2003): Isolation and Characterization of Protamines from Common carp (*Cyprinus carpio*).*Egypt. J. for Applied Sciences, Zagazig Univ.*, 18 (3B), 472 - 488.
151. Ashour I., Abd-Elfatah M., **Salah M. Aly** and Foud I. (2003): Pathological and biochemical. studies on the effect of Protamines on catfish (*Clarias gariepinus*). *Egypt. J. for Applied Sciences, Zagazig Univ.*, 18 (3B), 489 – 508.
152. Ali M. Eissa, **Salah M. Aly**, Mohamed E. El-Boshi and Gehad A. Ismail (2003): Some biochemical effects of trypanosomiasis on Catfish (*Clarias gariepinus*, Burchell, 1822). *10th Scientific Conference of Zoological Society, Egypt.* 32.
153. Hafez M., Anisa M. Moustafa, **Salah M. Aly**, El-Matbouli M. and Nouh W. (2003): Pathologic and Electron microscopic evaluation of the effect of water pollution with *Carbosulfan* in the health status and immune response of catfish (*Clarias gareipinus*): *Suez Canal Vet. Med. J.*, VI (1): 43 - 62.
154. Hafez M., Anisa M. Moustafa, **Salah M. Aly**, El-Matbouli M. and Nouh W. (2003): Pathologic and Electron microscopic evaluation of the effect of water pollution with *Ammonium chloride* in the health status and immune response of catfish (*Clarias gareipinus*): *Suez Canal Vet. Med. J.*, VI (1): 63- 80.
155. Hafez M., Anisa M. Moustafa, **Salah M. Aly**, El-Matbouli M. and Nouh W. (2003): Pathologic and Electron microscopic evaluation of the effect of water pollution with *Lead acetate* in the health status and immune response of catfish (*Clarias gareipinus*): *Suez Canal Vet. Med. J.*, VI (1): 81 – 101.
156. **Salah M. Aly** (2003): Pathology of salmonellosis among ostrich in Egypt. *Annual Conference for American Society of Microbiologist, Algehero, Italy (Sept. 20-24)*, 89.
157. **Salah M. Aly** and Hamdy A. Fetaih (2002): Experimental studies on the pathogenicity of *Aeromonas hydrophila* in laboratory and pet animals in comparison with catfish: Light and Electron Microscopic Studies. *Egypt. J. Comp. &Clinc. Pathol.*, 15 (1) 156 – 170.
158. Eissa I., Badran A., **Salah M. Aly**, Abdel-Aal A. and Heba A. (2002): Clinical studies on parasitic diseases among Ornamental fishes and their associated pathological lesions. *2nd vet. Med. Conference at Suez Canal Univ.*, October 2002, V (1): 285 – 300.
159. Eissa I., Badran A., **Salah M. Aly**, Diab A. and Azza A. (2002): Clinical and Pathological studies on lernaeciosis among fresh water fishes. *2nd Vet. Med. Conference at Suez Canal Univ.*, October 2002, V (1): 300 - 322.
160. **Salah M. Aly**, El-Attar A. and El-Genedy H. (2002): Role of fish in transmission of *Pseudomonas fluorescens* to ducklings with a trial for treatment and control. (*Pathologic & electron microscopic examinations*), *10th Scientific Vet. Med. Conference, Assuit Univ.*, 17 – 19 December, 187- 208.

161. Ramadan R. Abdalla and **Salah M. Aly** (2002): Histopathological changes in rabbits after intravitreal injection of variable doses of 2 % lidocaine. *Zagazig Univ. Med. J.*, VIII (3) 128 – 138.
162. **Salah M. Aly**, Abdalla O., Hafez M. And Abde-Moniem H. (2002): Pathological alterations in sheep and goats due to genital infection by some bacteria. *1st Scientific Vet. Med. Conf. at South Valley Univ.*, 10 – 12 March, 41-52.
163. **Salah M. Aly**, Abdalla O., Hafez M. And Abde-Moniem H. (2002): Pathological alterations in sheep and goats due to brucellosis. *1st Scientific Vet. Med. Conference at South Valley Univ.*, 10 – 12 March, 53-62.
164. Hamdy A. Fetaih and **Salah M. Aly** (2002): Pathological Studies on Albino rats after Inhalation of Some Aerosols Used Indoors. *2nd Vet. Med. Conference at Suez Canal Univ.*, 7 – 10th October, V (1): 725 - 738.
165. **Salah M. Aly** (2001): Pathology of trypanosomiasis in Catfish (*Clarias gariepinus*). [76th Meeting of American Society of Parasitologist, Albuquerque, New Mexico, USA, 29 June – 3 July, 55 – 56.](#)
166. **Salah M. Aly** (2001): Some infectious diseases in zoo herbivorous in Egypt. [Civiltà DeL Mare, Italy, XII, \(1\) 6 - 7.](#)
167. **Salah M. Aly** (2001): Light and Electron microscopic studies on pseudomoniasis among common carp (*Cyprinus carpio*). *Suez Canal Vet. Med. J.*, IV (1) 95 - 103.
168. Eissa I., Mona A., Hala G. and **Salah M. Aly** (2001): Yellow grub disease in *Oreochromis niloticus* in relation to food quality and pathological alteration. *Suez Canal Vet. Med. J.*, IV (2) 179 – 194.
169. Eissa I., **Salah M. Aly**, Abdel-Aal A. (2001): Studies on Calliterarhynchosis among Marine Bluefish *Euthynnus affinis* (Balamita) from the Red Sea in Suez Province. *Journal Vet. Med. Research*, III (2) 66 – 77.
170. **Salah M. Aly** and Hossein (2001): Pathological evaluation to venous graft urethroplasty in Donkeys. *Suez Canal Vet. Med. J.*, IV (1) 105 – 112.
171. **Salah M. Aly** and ElAttar A. (2001): Pathological studies on some bacterial pathogens of cultured shrimp. *Assuit Vet Med. J.*, 45 (90): 298- 131.
172. **Salah M. Aly** and El-Ashram A. (2000): Some factors contributing to the development of saprolegniosis in the Nile Tilapia. *Alexandria J. of Vet. Science*, 16 (1): 165 – 174.
173. El-Sayed M., Diab A., El-Attar A., **Salah M. Aly**, Abu-Elata M. (2000): Bacterial diseases of cultured fresh water prawn. *5th Scientific Vet. Med Conference, Fac. Vet. Med., Zagazig Univ.*, 13 – 15th September, Sharm-Elsheikh, 176 – 189.
174. **Salah M. Aly**, El-Boushy M. and Al-Ashram A. (2000): Comparative Pathological and Immunological studies on the effect of *Vibrio anguillarum* and its extracellular products in catfish (*Clarias gariepinus*). *Egypt. J. of Comp. Pathol. & Clinical Pathol.*, 13 (2) 12 - 35.
175. **Salah M. Aly**, Hekmat M. Tantawy, Badran A. and Magda A. El-Baz (2000): Histopathologic and Immunologic response of *Clarias lazera* to the injection of *Aeromonas hydrophila* vaccine. *Suez Canal Vet. Med. J.*, III (1), 133 – 144.
176. **Salah M. Aly**, Hekmat M. Tantawy, Badran A. and Magda A. El-Baz (2000): Histopathologic and Immunologic response of *Clarias lazera* to the oral and immersion of *Aeromonas hydrophila* vaccine. *Suez Canal Vet. Med. J.*, III (1), 437 – 451.
177. El-Trabili M., El-Shahidy M., Diab A., **Salah M. Aly** and El-Refae A. (2000): Establishment of primary tissue culture for the isolation of some fish viruses in Egypt. *9th Scientific Vet. Med. Congress, Fac. Vet. Med., Assiut Univ.*, 28 – 30th November, 396 – 411.

178. **Salah M. Aly**, El-Shahidy M. and Ibrahim A. (2000): Pathological and virological studies on chickens infected by chicken anemia virus in Egypt. *Egypt. J. of Comp. Pathol. & Clinical Pathol.*, 13 (1) 1 – 16.
179. El-Shahidy M., **Salah M. Aly**, Hasanin H. and Effat E. (1999): Reo-Virus infection in Chickens (Pathological and Virological Investigations). *Suez Canal Vet. Med. J.*, II (2) 263 – 278.
180. El-Meleigy A., Gumie M. and **Salah M. Aly** (1998): Effect of commercial refrigerant (Dichlorodifluoromethane) ozone-sparing on man and rat. 2nd Hungarian-Egyptian Conference on Environment (31 oct. – 6 November) Budapest, Hungary.
181. **Salah M. Aly**, Hassan M. and Abdel-Aal A. (1998): Studies on parasitic infections among some fresh water fishes and their associated pathological lesions. *Fourth Sci. Vet. Med. Conference at Hurghada*, 26 – 28 August, 366 – 380.
182. **Salah M. Aly**, Mohamed S. and Hussein M. (1998): Pathological and ultrastructural studies on the effect of water pollution in the health status of catfish (*Clarias lazera*) with special reference to their immune response. *8th Sci. Cong., Fac. Vet. Med., Assuit Univ.*, 15 – 17 Nov. 868 – 884.
183. Ezz-Eldien N., **Salah M. Aly** and El-Sayed A. (1998): Outbreak of *Ichthyophthirius multifiliis* in Ornamental goldfish (*Carassius auratus*) in Egypt. *Egypt J. Comp. Path. & Clinic. Pathol.*, 11 (2) 235 – 244.
184. **Salah M. Aly**, El-Meleigy A., Ellzey J. and Mayberry L. (1998): Pathological and electron microscopic studies on aeromoniasis among carp. *Suez Canal Vet. Med J.*, I (2) 259-266.
185. **Salah M. Aly**, Abd-Allah M., El-Mousalamy A. and Fouad I. (1998): Studies on the effect of different concentrations of ascorbic acid on the growth rate and health of catfish. *Suez Canal Vet. J.*, I (2) 393 – 404.
186. **Salah M. Aly**, Ellzey J., Mayberry L. (1997): Pathological and Electron Microscopic studies on Streptococcosis among Common carp (*Cyprinus carpio*). *Zag. Vet. J.*, 25 (1) 91 – 95.
187. Abdel-Aziz E., Koshak M., Abdel-Fadil H., Diab A., **Salah M. Aly** and Moustafa E. (1997): Biochemical, residual and histopathological studies in catfish (*Clarias lazera*) exposed to some Mollescides. *Vet. Med. J., Giza*, 45 (1) 61 – 73.
188. **Salah M. Aly**, Ellzey J., Badran A., El-Meleigy A. and Mayberry L. (1997): Pathological and Electron Microscopic studies on columnaris disease among carp (*Cyprinus carpio*). *Zag. Vet J.*, 25 (1) 142 – 148.
189. Fetaih H. and **Salah M. Aly** (1997): A trial for immunization of chicks against caecal coccidiosis using irradiated *Eimeria tenella* oocysts: Pathological evaluation. *Egypt. J. Comp. Pthol. & Clin. Pathol.*, 10 (1) 133 – 146.
190. Mervat G.; Kawther E.; Mona A. and **Salah M. Aly** (1997): Toxicological and biochemical studies of Fungicide (ALTO 100 SL) in rat. *Alex. J. Vet. Science*, 13 (6): 697 – 710.
191. **Salah M. Aly**, Mayberry L., El-Meleigy A. (1996): Pathological studies on saprolegniosis among *Oreochromis niloticus*. *Zag. Vet. J.*, 24 (3): 51 – 56.
192. **Salah M. Aly**, Mayberry L., El-Meleigy A. and El-Gwady H. (1996): Pathological studies on parasitic infections among fresh-water fishes with special reference to catfish (*Clarias lazera*). *Zag. Vet. J.*, 24 (3): 46 – 50.

193. Gamaz H., Kowthar H., Ayman M. and **Salah M. Aly** (1996): Phytochemical and toxicological aspects of *Anabasis articulata* alkaloids. 3rd Vet. Med. Cong. At Cairo, Zagazig Univ., 8–10 October, 304 – 338.
194. Atallah S., **Salah M. Aly** and Abd-Allah O. (1997): Clinical, hematological and histopathological studies on abortion and stillbirth in cattle and buffaloes. *Assuit Vet. Med. J.*, 37 (74): 78 – 95.
195. **Salah M. Aly** (1996): Pathologic and Electron Microscopic Evidence for a Systemic Infection of Common carp with Infectious Pancreatic Necrosis Virus in Egypt. *J. Egypt Comp. Path. & Clinic Path.*, 9 (2): 124–135.
196. Badran A., **Salah M. Aly** and Abdel-Aal A. (1996): Studies on skin parasitic diseases of hybrid tilapia. *Assuit Vet. Med. J.*, 35 (70): 163 – 175.
197. Ibrahim A., Hassanin H., **Salah M. Aly** and Abdel-Aal A. (1995): A study on some parasitic affections in domestic pigeon in Ismailia Province. *Assuit Vet. Med. J.*, 34 (67): 153 – 161.
198. El-Hady K., El-Ashmawy H., **Salah M. Aly**, Abdel-Hamed A., Hamza S., Fayez M. and Ayman, A. (1995): Toxopathological studies on *Anabases articulata* in Rat. 3rd Zagazig Vet. Medical Confernce, 12-15 October, Cairo, 235 – 255.
199. **Salah M. Aly**, Mayberry L, El-Meleigy A., El-Gawady H. (1995): Pathological studies on parasitic infections in Common carp. *Egypt. J. Comp. Pathol & Clinical Pathol*, 8 (2): 123 - 130.
200. **Salah M. Aly**, Mayberry L., El-Meleigy A., El-Gawady H. (1995): Pathological studies on parasitic infection in *Tilapia nilotica* in Egypt. *Egypt. J. Comp. Pathol & Clinical Pathol.*, 8 (2): 147 – 157.
201. Badran A., El-Attar A., **Salah M. Aly** (1995): Studies on Aspergillomycosis among Nile tilapia (*Oreochromis niloticus*) with trial to its control. *Zag. Vet. J.*, 23 (1): 104 – 115.
202. Bahgat A., Shalaby A., Abou-Elfetouh M. and **Salah M. Aly** (1993): Pathological studies on ovarian and uterine lesions in ewes. *Egypt. J. Comp. Pathol & Clinical Pathol.*, 6 (2): 247 - 260.