



CURRICULUM VITAE

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ONE of the 2% Best Scientists Worldwide throughout 2020, 2021, 2022, 2023.

Web Addresses:

١. Google scholar address:

https://scholar.google.com/eg/citations?user=JGG_w_oAAAAJ&hl=en&oi=sra

٢. Research gate address:

https://www.researchgate.net/profile/Salah_Aly4

٣. LinkedIn address:

<https://www.linkedin.com/in/salah-aly-a566272b/>

٤. Loop address:

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

٥. Mendeley profile:

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

Other IDs:

١. Scopus: Author ID: 23979475700

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

٢. ORCID ID : 0000-0002-3375-4285

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

٣. 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

- 2022 – till now, Chairman, Lakes & Fish Resources Protection & Development Agency, Ehyptian Cabinate.
- 2020- 2022, Chairman , General Authority for Fish Resources Development.
- 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: Full Professor and Head of Medical Laboratories Dept, 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

- Chairman, Marine Aquaculture Project Board.
- Member of the Animal Resources and Fisheries Research Council, Academy of Scientific Research and Technology, Egypt.
- Member of Worldfish Board of Turstee, Malaysia/Washington.
- 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 mesurement and evaluation unit.

Other activities: الانشطة 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.
- **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 Marquis International Who's Who 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 المؤلفة

- 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 المشارك فيها و المدعمة محليا ودوليا

١. 2020 – 202٢, *Marine Aquaculture development in Egypt, MADE Project.*
٢. 2021 – ٢٠٢٣, Progressive management pathway for improving aquaculture biosecurity, funded by FAO.
٣. 2020, *Support Agriculture Small and Medium Enterprises, SASME Project*
٤. 2014-2015: Noble silver nanoparticles synthesis, characterization and development of potential antimicrobial drugs by using *Terfizia clavaryi*. *Co-investigator 1, Funded by SABEK, KSA.*
٥. 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.*
٦. 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.*
٧. 2011-2012: Clinical, Laboratory and Experimental studies on the Complications due to Contamination of Contact Lenses by Bacteria, *Leader, Funded by Qassim University, KSA.*
٨. 2011-2012: Therapeutic effects of *Terfizia clavaryi* on the corneal ulcer of rabbits's eyes, *Co-investigator, Funded by Qassim University, KSA.*
٩. 2011-2012: Retrospective study on the complications associated with misuse of contact lenses. *Co-investigator, Funded by Qassim University, KSA.*
١٠. 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.*
١١. 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.*
١٢. 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.*
١٣. 2005-2006: Biological control of cyanobacterial blooms, *Leader, Funded by WorldFish, CGIAR, Washington, USA.*
١٤. 2004-2005: Isolation of some probiotics from *Oreochromis niloticus*, *Leader, Funded by WorldFish, CGIAR, Washington, USA.*
١٥. 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.*
١٦. 2003-2005: Control of some microbial agents using electromagnetic field, *Coinvestigator, Egyptian partner, Funded by Calgiari Univ., Italy.*
١٧. 2003-2005: The role of Suez Canal in transmission of parasitic funa between red and Mediterranean Sea, *Co-investigator, Egyptian partner, Funded by Sassari Univ., Italy.*
١٨. 2002-2004: Pathological evaluation to the effect of some Immune stimulant and depressant on animals. *Co-investigator, Funded by National Research Center, Giza, Egypt.*

١٩. **2002-2003:** Environmental Policy and effect of environmental pollution on the General Health.
Egyptian partner, Funded by Italian Ministry of foreign Affairs, Italy.
٢٠. **2001-2004:** Prevalence of Vibrios and Microalgae in the water and their effect of general health.
Egyptian partner, Funded by Ecoservice, Sardenia Government, Italy.
٢١. **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

١. Reviewer for Scientific Research Journals.
٢. Member of Editorial Board in International peer reviewed Journals.
٣. Supporting International Institute for staff hiring.
٤. Collaboration with international Universities in bilateral projects.
٥. Expert consultant for Fish health at WHO/FAO/OIE of the United Nation.
٦. Expert for Fish Health at CGIAR, Washington DC.
٧. Program leader of fish health for Africa and west Asia.
٨. Providing and teaching for over than thousand trainees worldwide.
٩. Collaboration with Chinese Government for development of Fish Farming Institute.
١٠. Scientific Consultant for 3rd Global Aquaculture & Fisheries Conference.
١١. Chairman of Organizing Committee for Global Aquaculture & Fisheries Conference.
١٢. Scientific Consultant for Global Medicine, Vaccines and Serums Conference.
١٣. Scientific Consultant for Middle East and North Africa Conference for Animal Production.
١٤. Chairman & General Coordinator of 1st Arab African Conference for Aquatic Resources.
١٥. Organizer for collaboration between Suez Canal Univ. & European Universities.
١٦. Leading Medical Laboratory Department and activities at Qassim University, King Saudi Arabia.
١٧. Giving lectures for several international Institutes.

Reviewer for Scientific Research Journals: التحكيم للمجلات العلمية العالمية

١. The Academy of Scientific Research and Technology, Egypt.
٢. The Supreme Counsel of Veterinary Medicine, Egypt.
٣. Arab Science and Technology Foundation, UAE.
٤. Veterinary Microbiology Journal, USA.
٥. Bioresource Technology, Europe.
٦. International Symposium of Tilapia in Aquaculture, USA.
٧. Journal of Molecular Biology and Biotechnology, Europe.
٨. Journal of Agricultural Science and Technology, Europe.
٩. Mediterranean Journal of Aquaculture, Egypt.
١٠. Journal of Infection in Developing Country, Europe.
١١. Middle East and North Africa Conference, Egypt.
١٢. Suez Canal Vet. Med. Journal, Egypt.
١٣. Aquaculture Research, Europe.

١٤. Egyptian Journal of Clinical Pathology and Comparative Pathology, Egypt.
١٥. Abbassa International Journal of Aquaculture, Egypt.
١٦. Ekoloji Journal for Scientific Research, Turkey.
١٧. Journal of Ecology and Water Resources, Iran.
١٨. Journal of Vet. and Agriculture Sciences, King Saudi Arabia.
١٩. Asian Fisheries Science Journal, Malaysia.
٢٠. Fish and ShellFish Immunology, Europe.
٢١. Open Vet. Journal, Libya.
٢٢. International Food Research J., Malaysia.
٢٣. Fish Physiology and Biochemistry, Europe.
٢٤. Journal of Environmental Pathology, Toxicology and Oncology, USA.
٢٥. Archive of Environmental Contamination and Toxicology, USA.
٢٦. International Journal of Fisheries & Aquaculture, Europe.
٢٧. Sky Journal of Journal of Microbiology Research, Europe.
٢٨. Zoonosis and Public Health, USA.
٢٩. African Journal of Agricultural Research, South Africa.
٣٠. African Journal of Microbiology Research (AJMR).
٣١. International Journal of Health Sciences, KSA.
٣٢. Aquaculture, Europe.
٣٣. Aquaculture Nutrition, Europe.
٣٤. Journal of Basic and Applied Zoology, Europe.
٣٥. The World Aquaculture Society, Europe.
٣٦. British Journal of Pharmaceutical Research.
٣٧. Science of the Total Environment.
٣٨. Aquaculture scope.
٣٩. Journal of Immunology Research.
٤٠. Journal of Media & Communication studies.
٤١. Pathology - Research and Practice.
٤٢. Fish Physiology & Biochemistry.
٤٣. Journal of Kind Saud University.
٤٤. Egyptian Journal of Aquatic Biology and Fisheries.

Member in Editorial Board: عضوية وتحرير للمجلات العلمية العالمية

١. Journal of Infection in Developing Countries, Italy.
٢. Mediterranean Journal of Aquaculture, Spain.
٣. Biological Research Communication Journal, Pakistan.
٤. Journal of Fish Diseases, Turkey.
٥. International Journal of Health Sciences, Kingdom of Saudi Arabia.
٦. Evidence Based and Complementary Journal, Europe.
٧. American Journal of Clinical Microbiology and Antimicrobials, USA.
٨. Journal of Marine Science Research and Oceanography, USA.
٩. Journal of Marine Biology and Aquascope, Europe.

١٠. BioMed Research International, Europe.
١١. Veterinary Science and Research, Europe.

Lectures given abroad: القاء المحاضرات بالخارج

- ١- **2010- 2015:** Teaching 5 courses in Fac. of Applied Medical Sciences, Qassim Univ., KSA.
٢- **2004-2009:** Forty-five lectures given for international meetings/training courses worldwide.
٣- **2004:** Eastern Mediterranean Parasitic Platyhelminthes: an overview. *Zoology Dept, Sassari Univ., Italy.*
٤- **2004:** The role of the Suez Canal in the faunistic exchange between Eastern Mediterranean and the Red Sea. *Zoology Dept., Sassari Univ., Italy.*
٥- **2004:** Comparison of lessepien funa between red and Mediterranean Sea. *Zoology dept., Sassari Univ., Italy.*
٦- **2003:** Biotechnology and Pathobiology. *Univ. of Rome La-Sapienza, Rome, Italy.*
٧- **2003:** Parasites in Eastern Mediterranean: Problems and Prospectives. *Biology Dept, Sassari Univ., Italy.*
٨- **2002:** The role of Suez Canal Univ. in the International Education and Collaboration). *Cagliari Univ., Italy.*
٩- **2002:** Interaction of Wild Fauna. *Fac. Vet. Med., Sassari Univ., Italy.*
١٠-**2001:** Pathogenic Vibrio & Microalgi in developed countries. *Ecoservice sardignia, Italy.*
١١-**2000:** Protection and Rehabilitation of Wild Fauna. *Fac. Vet. Med., Sassari Univ Italy.*
١٢-**1999:** Environmental pollution and its impact on human health, *Budapest, Hungary.*

Thesis supervision and contribution: الاشراف والمشاركة فى الرسائل العلمية

Master thesis supervision:

١. *Khald A. (1996): Clinicopathological studies on Salmonellosis in quails at north Saini. Dept. Pathology and Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
٢. *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.*
٣. *Wafaa A. (1997): Clinicopathological studies on Vibriosis in fish at Ismailia. Dept Pathology and Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
٤. *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.*
٥. *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.*
٦. *Samia I. (1999): Pathological studies on common carp with reference to swim bladder affections. Dept. of Pathol., Fac. Vet. Med., Zag. Univ.*
٧. *AbdElazeem S. (2001): Pathological studies on Respiratory affections in sheep. Dept. of Pathology, Fac. Vet. Med., Suez Canal University.*
٨. *Mohamed F. (2005): Immunopathological studies on some probiotics in Tilapia nilotica. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig univ.*
٩. *Asem m. (2006): Isolation and characterization of some probiotics from Tilapia nilotica. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.*
١٠. *Shemaa A. (2007): Clinicopathological studies on fish reared under different stocking densities. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*

١١. Rehab E. (2007): *Studies on Pseudomonas infection in cultured fish. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig Univ.*
١٢. Abdel Rahman (2008): *Bacteriological and pathological studies on enterobacteriaceae in freshwater fish. Faculty of science, El Azhar University.*
١٣. Mona M. (2008): *Clinicopathological studies on Streptococcosis in Nile tilapia and trials for control. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
١٤. 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.*
١٥. Amal F. (2015): *Studies on vibriosis among some cultured marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
١٦. Ramy H. (2015): *Studies on Prevailing parasitic diseases in some marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
١٧. Mohamed M. (2015): *Studies on helminthic diseases among some cultured marine fishes. Fish Farming & Technology Institute, Suez Canal University.*
١٨. Manar A. (2015): *studies on Prevailing parasitic trematodiasis affecting some cultured marine fishes. Fish Farming & Technology Institute, SC Univ.*
١٩. Magwa M. (2015): *Studies on parasitic crustaceans among some cultured marine fishes. Fish Farming & Technology Insitiute, Suez Canal University.*
٢٠. Israa E. (2015): *Impact of some heavy metals pollutants in relation to some marine fishes in lake temsah. Fish Farming & Technology Institute, SCU.*
٢١. Alaa a (2015): *The survival rate and growth performance of sparus aurata larvae. Fish Farming & Technology Institute, Suez Canal University.*
٢٢. 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.*
٢٣. Fatma A. (2016): *Clinicopathological studies on effect of immunostimulant on Aeromonas hydrophila among catfish. Dept of Clinical Pathology, Fac. Vet. Medicine, Suez Canal University*
٢٤. 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.*
٢٥. Mostafa E. (2017): *Role of Water Quality in the Pathogenicity of Vibriosis in Marine Cultured Fishes. Fish Farming & Technology Institute, Suez Canal University.*
٢٦. 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.*
٢٧. 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.*
٢٨. 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.*
٢٩. Shyam M. (2017): *Studies on the Effect of Chlorella on Pathogenic Bacteria in Fish. Fish Farming & Technology Institute, Suez Canal University.*
٣٠. Sarah E. (2018): *studies on parasitic cysts among cattle at slaughter houses. Meat hygiene Dept, Fac. Vet. Medicine, Suez Canal University.*
٣١. 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.*
٣٢. 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.

١. Eman S. (1995): Some pharmacological studies of some molluscicides on fresh water fish. Dept of Pharmacology, Fac. Vet. Med., Zag. Univ.
٢. Refaat E. (1995): Bacterial causes of fin rot in some fresh water fishes. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.
٣. Hassan D. (1995): Some studies on gill affections of some fresh water fishes. Dept of Fish Diseases. Fac. Vet. Med., Suez Canal Univ.
٤. Hassan A. (1996): Urethroplasty using a venous graft: Experimental study in donkeys. Dept of Surgery, Fac. Medicine, Suez Canal Univ.
٥. Azaa A. (1996): Studies on bacterial diseases among cultured tilapia. Dept of Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
٦. 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.
٧. Mohamed M. (1997): Studies on blood parasites in cattle in Suez Canal area. Dept of Infectious Dis., Fac. Vet. Med., Suez Canal Univ.
٨. Mohamed A. (1998): Studies on the bacterial pathogens of fresh water prawn. Dept of Microbiology, Fac. Vet. Med. Suez Canal Univ.
٩. Zenaat M. (1999): Studies on mould and yeast affections among fresh water fish. Dept of Microbiology, Fac. Vet. Med., Suez Canal Univ.
١٠. Gehan E. (1999): Enteric helminth parasites of fresh water fish at Abbasa in Sharkia Governorate. Fac. Vet. Med., Zagazig Univ.
١١. Ahmed E. (1999): Studies on some fish virus diseases in Abbassa farm. Dept. of Virology, Fac Vet. Med., Suez Canal Univ.
١٢. 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.
١٣. Sherif S. (2001): Effect of antibiotic as a growth promoter on broiler chickens. Dept of Biochemistry, Fac. Vet. Med., Suez Canal Univ.
١٤. Maather A (2001): Some studies on the encysted metacercariae among fresh water fishes. Dept of Fish Diseases, Fac Vet. Med., suez Canal Univ.
١٥. Heba I. (2001): Studies on some parasitic infections among ornamental fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
١٦. Latifa E. (2002): An investigation on the bacterial pathogens in catfish (*Clarias lazera*). Dept. of Bacteriology, Fac. Vet. Med., Suez Canal Univ.
١٧. Abeer A. (2002): Clinicopathological studies on Colibacellosis in rabbit. Dept. of Clinical Pathology, Fac. Vet. Med., Suez Canal University.
١٨. Rania H. (2002): Toxopathological studies on some antioxidants in rats. Dept of Toxicology, Fac. Vet. Med., Suez Canal Univ.
١٩. Wael H. (2003): Studies on orthobacterium infections in chickens. Dept of Poultry Diseases, Fac. Vet Med., Suez Canal Univ.
٢٠. 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.
٢١. Amara A. (2004): Comparative study on Newsatle-Infectious bronchitis combined live vaccine. Dept of Poultry Diseases, Fac. Vet Med., Suez Canal Univ.
٢٢. Rania A. (2004): Pharmacodynamic studies on some imizols in rats. Dept of Pharmacology, Fac. Vet Med., Suez Canal Univ.

٢٣. Wallaa E. (2004): Studies on microsporidiosis in fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
٢٤. Wafaa A. (2004): Effect of some water pollution on parasitic infections among fish. Dept Fish Diseases, Fac. Vet. Med., Suez Canal Univ.
٢٥. Sherine M. (2007): Study on short term chronic toxicity of chlorotetracycline in Albino rats. Dept of Forensic Medicine, Fac. Vet Med., Suez Canal Univ.
٢٦. Adel Aziz E. (2007): Toxocological and health hazards of enrofloxacin as some antimicrobial agents on reproduction of male adult albino rat. Dept of Forensic Medicine, Fac. Vet Med., Suez Canal Univ.
٢٧. Norhan A (2008): Factors affecting spawning in Nile tilapia. Fac. of Agriculture, Zagazig Univ.
٢٨. Hala F (2008): Immunological studies on *Aeromonas hydrophila* vaccine in Tilapia. Dept of bacteriology, Fac. Vet. Med., Suez Canal Univ.
٢٩. Mohamed A (2009): Effect of disinfectants on the hematological and serum biochemical parameters of fish. *Faculty of science, El Azhar University*.
٣٠. Asmaa H (2015): Total survey on the parasites of stray dogs in Ismailia City. Dept of Parasitology, Fac. Vet. Med., Suez Canal Univ.
٣١. Walla A. (2015): Effect of some immunostimulants in Fish. Dept of Pharmacology, Fac. Vet. Med., Zagazig Univ.
٣٢. Randa M. (2015): Effect of some immunostimulants in Fish. Dept of Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.

Ph. D. thesis supervision:

١. 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.*
٢. Magda E. (1998): *Immunological response of catfish (Clarias lazera) against bacterial diseases. Dept of Zoology, Faculty Science, Suez Canal Univ.*
٣. 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.*
٤. 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.*
٥. Hala A. (2005): *Clinicopathological studies on some immune stimulent in fish. Dept Clinical Pathology, Fac. Vet. Med., Suez Canal Univ.*
٦. 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.*
٧. 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.*
٨. Mohamed F. (2008): *Immunological studies on Pseudomonas flourescens infection in Nile tilapia. Dept of Microbiology & Immunology, Fac. Vet. Med., Zagazig Univ.*
٩. Randa Y. (2016): *Studies in some viral diseases among marine fishes. Fish Farming & Technology Insittue, Suez Canal Univ.*
١٠. Ahmed Elbik (2016): *Stock assessment to some marine fishes in Suez Canal. Fish Farming & Technology Insittue, Suez Canal Univ.*
١١. Samar I. (2016): *Immunological studies on some immunostimulants in tilapia. Fish Farming & Technology Insittue, Suez Canal Univ.*
١٢. Habiba M. (2016): *Epizootological studies on some ectoparasits in marine fishes. Fish Farming & Technology Insittue, Suez Canal Univ.*
١٣. 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.*

١٤. Samar I. (2017): *studies on antimicrobial residues on freshwater fishes. Dept Pharmacology, Fac. Vet. Med., Suez Canal Univ.*
١٥. Aliaa (2020): *variable use of stem cell in tissue repair and healing. Dept. of Path., Fac. Vet. Med., Suez Canal Univ.*
١٦. Asmaa (2020): *the use of nanoparticles in controlling fish diseases. Fish Farming & Technology Insititue, Suez Canal Univ.*
١٧. Alaa (2020): *Reproduction Physiology of some Marine Fishes. Fish Farming & Technology Insititue, Suez Canal Univ.*
١٨. Nahla (2021): *Assessment of New Water Recycling Technology on The Health and Immune Status of Cultured Nile tilapia. Fish Farming & Technology Insititue, Suez Canal Univ.*
١٩. Enas (2021): *Clinicopathological studies on some infectious diseases among freshwater fish. Dept. of Clinical Pathology, Fac. Vet. Med., Suez Canal University.*

C- Ph. D. thesis contribution:

١. Iman A. (1995): *Toxicological studies on some herbal plants. Dept of Toxicology, Fac. Vet. Med., Zagazig Univ.*
٢. Iyman A. (1995): *Toxicological studies on anabasis articulata growing in Saini. Dept of Toxicology, Fac. Vet. Med., Suez Canal Univ.*
٣. Abdel Kareem M. (1996): *The Pathological relationship between waterfowls and fishes. Dept of Poultry Dis., Fac. Vet. Med., Suez Canal Univ.*
٤. 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.*
٥. Abdel Kareem M. (1996): *The Pathological relationship between waterfowls and fishes. Dept of Poultry Dis., Fac. Vet. Med., Suez Canal Univ.*
٦. Kaied G. (1996): *Experimental clinicopathological studies on anticarcinogenic drugs in mice. Dept of Clinical Pathology, Fac. Vet Med., Suez Canal Univ.*
٧. 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.*
٨. Mohamed K. (1997): *Studies on swollen head syndrome in chicken. Dept of Poultry Diseases, Fac. Vet. Med., Suez Canal Univ.*
٩. 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.*
١٠. 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.*
١١. Mohamed A. (1998): *Characterization of Aeromonas species isolated from fish, poultry and man. Dept of Microbiology, Fac. Vet Med., Suez Canal Univ.*
١٢. 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.*
١٣. Eman S. (1999): *Effect of some insecticides on fresh water fish. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ.*
١٤. Maiesa A. (1999): *Efficacy of some Antimicrobials in Oreochromis niloticus. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ.*
١٥. 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.*
١٦. Kamal A. (1999): *Biochemical studies on blood of ewes following induction of estrus. Dept of biochemistry, Fac. Vet. Med., Suez Canal Univ.*
١٧. Mokhtar M. (1999): *Modification in rectal bladder with valved sigmoidoproctostomy. Anovel technique in experimental dogs. Fac. Medicine, Suez Canal Univ.*
١٨. Lyia A. (2000): *Studies of yellow grub disease in some freshwater fishes. Dept of Fish Diseases and Management. Fac Vet. Med., Suez Canal Univ.*

١٩. Azza A. (2000): Studies on cultured fish diseases induced by lernaea species. Dept of Fish Diseases and Management, Fac Vet. Med., Suez Canal Univ.
٢٠. 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.
٢١. Ramadan (2003): Morphological and immunological studies on ectoparasites of some species of fresh water fish. Dept of Parasitology, Fac Vet. Med., Suez Canal Univ.
٢٢. Faten M. (2003): Morphobiological and immunological studies on nematodes of catfish. Dept. Zoology, Fact. Science, Suez Canal Univ.
٢٣. Nesreen S. (2004): Efficacy of cepropyrazone and its combination with sulbactam in chickens. Dept of Pharmacology, Fac. Vet Med., Zagazig Univ. 17-
٢٤. Mahmoud A. (2004): Toxopathological studies of some fish exposed to petroleum pollution. Dept of Fish Diseases and Management, Fac. Vet. Med., Suez Canal Univ.
٢٥. Gehan E. (2004): Natural and Experimental Studies on Protozoan infection of freshwater fish. Dept. of Parasitology, Fac. Vet. Med., Zagazig Univ.
٢٦. 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.
٢٧. 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.
٢٨. Rehab (2017): Clinicopathological evaluation to the effect of some immunostimulants in poultry. Dept of Clinical Pathology, Fac. Vet Med., Suez Canal Univ.
- ٢٩.

LIST OF PUBLICATIONS: (الابحاث المنشورة محليا وعالميا (الابحاث العالمية تحتها سطر)

(A total of 224 scientific papers published, J. of Red font for International Publications)

١. **Salah Aly**, El-Sayed Abou El-gheit, Hussien Osman, Mona Tolba, Habiba Essameldin² and Mohamed Fathi (2023): Comprehensive Investigation of *Diplectanum spp.* Infections in *Dicentrarchus labrax*: Prevalence, Pathological Impact, and Molecular Insights in Egyptian Aquaculture. *Under review*
٢. **Salah M. Aly**, Mie Hegazy, Noha ElBanna, Mohamed Fathi (2023): Prevalence, Molecular Typing, Antibiogram and Histopathological Changes of *V. Harvey* and *V. parahaemolyticus* isolated from Gilthead Sea bream (*Sparatus aurata*). *Aquaculture and Fisheries, accepted.*
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٤. **Salah M. Aly** (2023): A Current and Future Overview for Fish Resources in Egypt. *5th International conference on Food Safety and Animal health, SCU University, 25th October, 2023.*
٥. **Salah M. Aly** (2023): A Current and Future Overview for Fish Resources in Egypt in relation to National, Regional and International Challenges. *6th International conference on Future of Livestock and Food Security, Alexandria University, 31 October. – 3 November, 2023.*
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