

MANAL MOUSTAFA ZAKI



Department of Veterinary Hygiene and Management

Faculty of Veterinary Medicine, Cairo University, Giza, 11221 Egypt

Cell Phone: 2-011115-11133 – 01005280313- 01206680001

Email: drmanalmoustafa2008@yahoo.com

drmanal2013@gmail.com

EDUCATIONAL DEGREES

- B.Sc. from Faculty of Veterinary Medicine, Cairo University
- M.Sc. (Master of Veterinary Sciences) from Faculty of Veterinary Medicine, Cairo University. Thesis specialty: Epidemiological studies on *Mycoplasma mastitis* and methods of hygienic control.
- Ph.D. in Poultry hygiene from Faculty of Veterinary Medicine Cairo University. Thesis specialty: "Hygienic studies on *Mycoplasma* in poultry Farms and Methods of Control"

- Diploma of Veterinary Microbiology and Immunology from Faculty of Veterinary Medicine, Cairo University.

TEACHING EXPERIENCES

- Demonstrator in the Department of Animal Hygiene & Management, Faculty of Veterinary Medicine, and Cairo University: Teaching the practical sessions for the Pre-final Veterinary students at the same college (During the period between 1995-1997).
- Teaching Assistant in the Department of Animal Hygiene & Management, Faculty of Veterinary Medicine, and Cairo University: Teaching the practical sessions for the Pre-final Veterinary students at the same college (1997-2001).
- Participation at the summer training course of final year students at Faculty of Veterinary Medicine, Cairo University. It was performed at training farms at different localities in Egypt.
- Lecturer of Animal Hygiene & Management at the Faculty of Veterinary Medicine, Cairo University: Taught both lectures and practical sessions of the curricular Poultry, animal hygiene and epidemiology for 4th and 5th years and the pre-final Veterinary students at Faculty of Veterinary Medicine, Cairo University (2001 - 2006).
- Assistant Professor of Animal Hygiene & Management at the Faculty of Veterinary Medicine, Cairo University. Taught the lectures of the

curricular poultry, animal hygiene and epidemiology for 4th and 5th years and the pre-final veterinary students at Faculty of Veterinary Medicine, Cairo University (from 2006 till 2011).

- Professor of Animal Hygiene & Management at the Faculty of Veterinary Medicine, Cairo University. Taught the lectures of the curricular poultry, animal hygiene and epidemiology for 4th and 5th years and the pre-final veterinary students at Faculty of Veterinary Medicine, Cairo University (from July 2011 till now).
- Working as editorial assistant during the preparation of student books dealing with Animal Hygiene courses offered to the 4th and 5th year's students at the Faculty of Veterinary Medicine, Cairo University.

COURSE WORK:

1- University of Georgia:

- Advanced training program in Avian Mycoplasmosis, College of Veterinary Medicine, Poultry Diagnostic and Research Center in the period of 16 October, 2001 to February 22, 2002.

2-Cairo University:

- Hematology at the Department of Physiology, Faculty of Veterinary Medicine, Cairo University in the period from March 1993 to April 1994.

- Clinical pathology at the Department of Clinical pathology, Faculty of Veterinary Medicine, Cairo University in the period from March 1993 to April 1994.
- Advanced general bacteriology at the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University in the period from April 1995 to April 1996.
- Infectious Diseases of the Udder and Calves at the Department of Internal Medicine, Faculty of Veterinary Medicine, Cairo University in the period from April 1995 to April 1996.
- Advanced Zoonosis "Special courses in bacterial, fungal viral and parasitic diseases at the Department of Zoonosis, Faculty of Veterinary Medicine, Cairo University in the period from April 1995 to April 1996.
- Hygiene of poultry, Control of infectious diseases, disinfectants and disinfection courses at the Department of Veterinary Hygiene and Management-Cairo University in the period from November 1997 to November 1998.
- Immunology, Mycology, Bacteriology and Virology at the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University in the period from November 2001 to November 2002 .

3-Training and Scientific Courses and Session:

- The first regional training course on "Fundamental application of ultrasonography in veterinary medicine" at the Department of Internal

Medicine, Faculty of Veterinary, Cairo university in the period from 6th to 10th of September 2003.

- Training course entitled "Polymerase Chain Reaction and its different applications" at the Biotechnology Center for Services and Researches (B.C.S.R), Faculty of veterinary Medicine, Cairo University in the period from 22 to 26 February, 2004.
- **The training course entitled "Production of Recombinant Vaccines and Diagnostic Proteins" that was held at the Biotechnology Center for Services and Researches (B.C.S.R) Fac. of Vet. Med. Cairo University in the period of 6 – 11 March 2004.**
- Attending the scientific session entitled "Problems of Poultry Industry in Egypt and How to overcome it". **Organized by Egyptian Society for Animal Management** in 16 June, 2004.
- Training course in the skills of reactive communication under the supervision of Faculty and Leadership Development Project that was held at Faculty and Leadership Development Center (FLDC), Cairo University in the period of 14-17 May 2005.
- **Training course in "New Methods of Teaching" under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 28-31 May 2005.**

- Training course in “The skills of reactive Showing” under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 24-27 July 2005.
- Participating in training of post-graduate students in the training course of “Disinfectants and Disinfection in Poultry farms and Hatcheries” that was held at Department of Vet. Hygiene and Management, Faculty of Vet. Med. Cairo University in the period of 20-22 December 2005.
- Participating in the scientific session entitled "Hygienic Measures Required for Control of Avian Influenza inside Poultry Farms " organized by Society of National Development, Giza, Egypt held in February, 2006.
- Participating in training of post-graduate students in the training course of “About increasing the Performance in Poultry Farms” that was held at Department of Vet. Hygiene and Management, Faculty of Vet. Med. Cairo University in the period of 27-30 November 2006.
- Training course in “The skills of computer and new techniques of learning” under the supervision of Faculty and Leadership

Development Project that was held at FLDC, Cairo University in the period of January 2007.

- **Training course in “The skills of Using Technology in Learning”** under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 12 – 14 March 2007.
- **Training course in “The skills of Writing and Publishing the researches internationally”** under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 19 – 21 March 2007.
- **Training course in “The skills of Teaching Evaluation”** under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 26 – 28 March 2007.
- **Training course in “The skills of New Directions for Learning”** under the supervision of Faculty and Leadership Development Project that was held at FLDC, Cairo University in the period of 16 – 18 April 2007.
- **The training course entitled (Conference organization)** under the supervision of Faculty and Leadership Development Centre that was

held in FLDC, Cairo University in the period from 12-16 December 2009.

- The attendance of workshop entitled “The Financial Processes for the Scientific Research Projects” under the supervision of Research Committee of Cairo University that was held in Cairo University Convention Center during the period between 22- 26 December 2009.
- The attendance of the standards required for completion of a training course in “How to compete for a Research Fund “under the supervision of Faculty and Leadership Development Centre that was held in FLDC, Cairo University in the period from 11-13 October 2010.
- Attending the Cessation of Dr. Esmail Gheta “Education In 21th Century Curriculum for Excellence “at naqaa Centre in the period of 26-12-2010 under the supervision of Quality Assurance & Accreditation Centre.
- Attending the meeting of Zoonotic commutes at El-Hekma house-El Kasr eleni – Cairo- Ministry of Health in the period of 2-11-2010.
- Supervision of the Cessation Titled “Plan Your Future” that was held at Faculty of Vet. Med., Cairo University in the period of 2-12-2010.
- The attendance of workshop entitled “Societal Participation and Environmental Development” under the supervision of Quality Assurance & Accreditation Centre that was held in Ibn-Cina Hall at Faculty of Science-Cairo University during the period of 26-1-2011.

- The training course entitled (Quality Standards in Teaching) under the supervision of Faculty and Leadership Development Centre that was held in FLDC, Cairo University in the period from 21-23 March, 2011.
- The attendance of workshop entitled “ Professional Women in a changing Egypt” under the supervision of Economic Integration of Women-MENA Region (Econo Win), German Agency for International Cooperation), German Ministry of Economic Cooperation and Development (BMZ), that held in Conference Centre , Cairo University from the period of 11-12 December, 2011.
- The attendance of workshop entitled “Climatic Change and Rural Development In Egypt: Challenges for Agricultural and Veterinarian Sciences “under the supervision of DAAD- German Academic Exchange Service, German Agency for International Cooperation), German Federal Ministry of Economic Cooperation and Development (BMZ) and Georg- August-University Gottingen, Germany, that held in Conference Centre, Cairo University from the period of 15-17 December, 2011.
- The attendance of workshop entitled “Credit hours” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 2-1-2012.
- The attendance of workshop entitled “Societal participation and Academic monitoring” under the supervision of Quality Assurance &

Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 9-1-2012.

- The attendance of workshop entitled “Course report and Academic program” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 16-1-2012.
- The attendance of workshop entitled “Strategic plan” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 19- 1- 2012.
- The attendance of workshop entitled “How to write Examination paper and methods of evaluation” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 22- 1- 2012.
- The attendance and coordination of workshop entitled “Investigating the possible roles played by shrimp, freshwater crayfish and fish in transmission and spread of Avian Influenza (H5N1) at the Egyptian Territory” under the supervision of Scientific project of Avian influenza that held in Conference Centre, Faculty of Vet. Med. Cairo University at 15 – 16 February 2012.
- The attendance of workshop entitles “Institutional capacity and educational effectiveness” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 11- 3- 2012.

- The attendance of workshop entitled “Ethics in Science” under the supervision of DAAD Kairo Akademie that held in DAAD Kairo Akademie centre on 27 March 2012.
- The attendance of workshop entitled “the secret of Power Point” under the supervision of scientific committee of Faculty of Vet. Med. Cairo University at 8-4-2012.
- The attendance of workshop entitled “Application of biosecurity in poultry farms and its evaluation” under the supervision of scientific committee of Egyptian Veterinary Syndicate at 15-5-2012.
- The attendance of workshop entitled “Ethics of using animals in research” under the supervision of scientific committee of keeping animal rights in the Faculty of Vet. Med. Cairo University at 28-5-2012.
- The attendance of Scientific seminar entitled “Biosecurity in Hatcheries and Poultry Farms” under the supervision of *Pro vacs* company at Concorde El Salam in the period of 14-2-2013
- The attendance of workshop entitled “References and Data Management Using EndNote X5 Software” under the supervision of both Faculty of Science, Cairo University at 12-3-2012 and Training and Development unit in the Faculty of Vet. Med. Cairo University at 14-2-2013.
- The attendance of workshop entitled “Broiler Management and Application of in poultry farms and its evaluation” under the supervision of Training and Development unit in the Faculty of Vet. Med. Cairo University at 30-12-2013.

CONFERENCES:

- The Eighth Scientific Conference of Faculty of Vet. Med., Cairo University in the period from 17-19 April, 2005.
- "The effect of different types of litter material on broiler's performance" presented at the " First Scientific Conference of Egyptian Society of Experimental Biology" in collaboration with Faculty of Agriculture, Tanta University, Egypt in 26th of November, 2005.
- "Evaluation of TS-11 strain as a live vaccine against a Virulent R-Strain of M. Gallisepticum for prevention and Control of M. Gallisepticum in chicken" presented at the 18th Scientific Conference of Egyptian Society of Animal Reproduction and Fertility that was held in the period from 29th of January till 1st of February, 2006.
- **Attending the scientific Conference entitled "The role of Veterinary Medicine in the Improvement of Animal, Poultry and Fish Wealth".** Organized by Egyptian Society for Animal Management from 30 – 31 October 2006.
- Attending the First International Conference of Faculty of Veterinary Medicine, Cairo University "Zoonotic Diseases and Human Health" from 24 - 27 April, 2007.
- Participating in the 20th Scientific Conference of Egyptian Society of Animal Reproduction and Fertility that was held in the period from 2 to 6 of February, 2008.

- Attending the **Second International Conference of Animal Wealth Research in the Middle East and North Africa” (MENA)** at Cairo International Conventional Center, Egypt, 24-26 October 2009.
- Participating in the 5th International Scientific Researches and its Application Conference that was held at the Cairo University Convention Conference Center in the period from 22 till 24 of December, 2009.
- Second International Conference of Faculty of Veterinary Medicine, Cairo University **“Current Challenges and Future Prospects of Veterinary Medicine”** Hurghada 19 - 22 October, 2009.
- 2nd Egyptian Conference of Rabbit science, Faculty of Agriculture Library, from 29-30 October 2009.
- 6th International Conference of Rabbit Production on Hot climate from 1-4 February 2010 that held at Faculty Of agriculture, Assuit University.
- **“The impact of global climatic changes on the aquatic environment”** was presented at Urban Environmental Pollution Conference – Overcoming Obstacles to Sustainability and Quality of Life, from 20-23 July 2010. Boston. USA.
- Attending the scientific session entitled **“Veterinary Medicine and Human Health”**. Organized by Egyptian Society for Animal Management from 25 – 28 October 2010.

- **“First record of Mycobacteriosis in the Dusky grouper (Epinephelus marginatus) from Mediterranean coastal shores of Marsa Matrouh province, Egypt” presented at the 4th Scientific Conference of Egyptian Society for Animal Management from 25 – 28 October 2010.**
- **“Bio-security in fish farms” presented at the 4th Scientific Conference of Egyptian Society for Animal Management from 25 – 28 October 2010.**
- 3rd Egyptian Conference of Rabbit science, Faculty of Agriculture Library, from 30-31 October 2010.
- Participating in the first International Forum for Scientific Research Conference that was held at the Cairo University Convention Conference Center in the period from 13 till 16 of December, 2010.
- Participating in 11th International Tilapia Aquaculture Symposium (ISTA 8) at the Training Center, NRC, Dokki, Egypt (August 2011).
- **Lectured a lecture titled “bio-security on fish farms” during the session of the first annual training workshop sponsored by Egyptian society of Environment and aquatic animal health (September, 2011).**
- Participating in the International Scientific Research Virology Department Conference (Avian flu in Egypt) that was held at the Cairo University Convention Conference Center in the period from 4 - 5 March, 2012.

- Participating in Conference the entitled “Financial situation of Cairo University project of accreditation in all faculties” under the supervision of Quality Assurance & Accreditation Centre that held in Conference Centre, Faculty of Vet. Med. Cairo University at 20- 3- 2012.
- Participating in the International Scientific Conference (Use of Animal Alternative in Veterinary Medicine) that was held at the Cairo University Convention Conference Center in the period from 9 - 10 March, 2013.
- Participating in the First International Scientific Conference of the Pathology Department – Faculty of Veterinary Medicine, Cairo University that was held at the Sheraton Dream land Hotel & Conference Center in the period from 25 – 27 April, 2013.
- Participating and Organization of the World Veterinary Day under the sponsorship of Faculty of Veterinary Medicine, Cairo University; Egyptian Veterinary Syndicate; Society for the Protection and Welfare of Donkeys and Mules in Egypt and Brooke Hospital that was held at the conference Centre of Faculty of Veterinary Medicine, Cairo University in the period of 27 April, 2013.

DIAGNOSTIC EXPERIENCES:

- Microbiologist & Immunologists at the Animal Research Institute: Performing all the microbiological and immunological assays on poultry tissues and by products (1993-1995).
- Performing DNA based molecular biology assays like PCR and serological tests as Q-ELISA and FAT at the PDRC Labs, University of Georgia (2001-2002).
- Clinical pathologist at the human hematology labs: Trained to examine and evaluate human blood, serum, organ tissue samples, testing liver, kidney functions and performing antibiograms (1992-Currently).
- Working as chairman of the Vet. Lab. in SPF project, Agricultural Research Center, Ministry of Agriculture, Egypt (2001- Currently).

REVIEWER JOB:

- Working as a reviewer in the International journal of Agricultural Sciences (2010 – Currently).
- Working as a reviewer in the African Journal of biotechnology (2010 – Currently).
- Working as a reviewer in the African Journal of Pharmacology and Pharmacy (2010 – Currently).
- African Journal of Microbiology Research (2010 – Currently).
- Journal of Environmental Chemistry and Ecotoxicology (2010 – Currently).

- Journal of Toxicology and Environmental Health Sciences (2010 – Currently).
- Journal of American Science (2012- Currently).
- Global Research Journal of Medical Sciences (GRJMS) (2012- currently)
- INTERNATIONAL JOURNAL OF LIVESTOCK PRODUCTION (2012- CURRENTLY)
- Annual Review & Research In Biology (2012- currently)
- Interes Journals (2013- currently)
- International Journal of Agricultural Economics and Extension (2012- currently)

EDITORIAL JOB:

- Editor of the Journal of African Journal of Pharmacology and Pharmacy (2011).
- Editorial board of the Global Journal of Management, Science and Technology (GJMST).
- Editorial board of Advances In Geological and Geophysical Engineering (AGGE).
- Team and the management board of Pro Journals and Professional Publishers

SUPERVISION OF THE STUDENT ACTIVITIES

- Advisor to the very popular student group "Life friends" which engaged in many of the social, cultural and athletic student activities from 2010 till now.
- Consultant of the Scientific Committee which engaged in many of the social, cultural and talent student activities from 2011 till 2012.
- Consultant of the ART Committee which engaged in many of the social, cultural and talent student activities from 2012 till now.
- Academic Supervisor of the Young Producer Project of Students of Faculty of Veterinary Medicine, Cairo University.
- Supervision and Arbitration of the Committee Festival that was held in the Faculty of Veterinary Medicine, Cairo University in 20-4-2013.

MEMBERSHIP OF SCIENTIFIC PROFESSIONAL ORGANIZATION

- Member of Egyptian Veterinary Syndicate
- Member of Egyptian Veterinary Medical Association
- Member of Egyptian Society of Animal Welfare
- Member of Egyptian Society of Animal Reproduction and Fertility.

- Member of Society of Physiological Sciences and Its Application.
- Member of Egyptian Society of Experimental Biology.
- Egyptian Society of Epidemiology
- Egyptian Rabbit Science Society
- Member of sport committee of the Staff members of Cairo University Club.
- Secretary of the Egyptian society of Environment and aquatic animal health.
- Member of Egyptian Society of Animal production.
- Member of the Scientific Committee of the Egyptian Veterinary Syndicate.
- Member of the improvement committee of the International Journal of Faculty of Veterinary Medicine, Cairo University.
- Member of the organizing committee of preparing the celebration of graduation day, Faculty of Veterinary Medicine, Cairo University.
- Member of Training Committee to increase the qualification of Staff members, Heads, Employees and students, Faculty of Veterinary Medicine, Cairo University and the vice president of the student affair section.
- Member of Organizing Committee to keep animals rights inside the faculty of Veterinary Medicine, Cairo University.

- Member of the improvement committee of the Laboratories and Studying Rooms of Faculty of Veterinary Medicine, Cairo University.

Scientific groups membership:

- Member of International Journal of Molecular Bioscience.
- Member of Animal Behavioral Biology Network Committee.
- Member of Animal Health, Nutrition and Production Professionals Committee.
- Member of European Veterinary Conference "The Voorjaarsdagen" Committee.
- Member of Journal of Veterinary and Animal Sciences Committee.
- Member of My Veterinary Career Committee.
- Member of Poultry and Egg Industry Network Committee.
- Member of Poultry Science Network Committee.
- Member of Poultry Veterinarians Committee.
- Member of Society for Veterinary Epidemiology and Preventive Medicine Committee.
- Member of Sub-Saharan African Veterinary Initiative Committee.
- Member of the Hamster Wheel Veterinary Business Group Committee.

- Member of Vet Connect Committee.
- Member of Veterinary public health consultants Committee.

LANGUAGE SKILLS:

- Speaks, writes English and Arabic very fluently.

COMPUTER AND STATISTICAL SKILLS:

- Acquainted with computer writing skills.
- Has a good experience in PowerPoint, Photoshop, Microsoft Office, and Adobe Acrobat.

PROJECTS

- Researcher at a 200 K – 18 months duration funded research project “Investigating the roles played by shrimp, freshwater crayfish and fish in the spread of Avian Influenza H5N1 under the Egyptian Territory”. The project started at February 2010. The project funded by the Science and Technology Fund Sector at Cairo University, Egypt.

ACADEMIC AWARDS

- Awarded the International Publication Award of Cairo University for the years 2009, and 2010, 2011, 2012.

- Certificate of thanks and appreciation for my effort in the field of veterinary medicine and community service from the Female Veterinary Syndicate Committee.
- Certificate of thanks and appreciation for my effort in the field of veterinary medicine and community service from the Society of Protection and Welfare of Donkeys and Mules in Egypt at the World Veterinary Day.
- Certificate of thanks and appreciation for the outstanding effort and effective roles in the training and development Unit at the Faculty of Veterinary Medicine - Cairo University.
- Certificate of thanks and appreciation for the outstanding effort and effective roles in Graduation Celebration day of the Faculty of Veterinary Medicine - Cairo University for the Year 2012-2013.

THESIS SUPERVISION

1. Participation in the supervision of Master thesis, Institute of African Researches and Studies, Cairo University, entitled "Some affecting factors on Mastitis in Egypt and Tunisia - Applicable Studies on Milk Production", since 21/12/2004 up till December 2006.
2. Participation in the supervision of Ph.D thesis, Institute of African Researches and Studies, Cairo University, entitled "Environmental pollution and its effects on bio-safety in dairy farms in Egypt and Tunisia - Applicable Studies on Milk Production", since 21/8/2008 till now.

3. Participation in the supervision of Ph.D thesis, Institute of African Researches and Studies, Cairo University, entitled "Effect of some vegetables on glucose and lipid levels for diabetic rats in the Egyptian and Sudanian environments ", since 26/2/2008 till now.

4. Participation in the supervision of Ph. D thesis, Faculty of Veterinary Medicine, Cairo University, entitled "Evaluation of the environmental factors affecting the immune response of avian influenza vaccine" since March 2009 till now.

5. Participation in the supervision of Master thesis, Faculty of Veterinary Medicine, Cairo University, entitled "Bacteriological studies on Salmonella microorganism in Poultry" since 22-11-2009 and till now.

6. Participation in the supervision of Master thesis, Faculty of Veterinary Medicine, Cairo University, entitled " Identification of the most probable bacteria causing skin and gill infections in cultured and wild fish at different geographical areas in Egypt" since 21-12-2010 and till now.

7. Participation in the Academic supervision of Master thesis, Faculty of Veterinary Medicine, Cairo University, entitled "Molecular epidemiological studies of Salmonella in Poultry" since 2012 and till now.

PUBLICATIONS LIST

- Zaki, M.M., El-Iethy, H., Tafik, S and Apadellatif, H.A. (2005)
Effect of dietary supplementation with carotenoids on stress responses in salmonella experimentally infected broiler chickens.
Vet. Med J., Giza, 53, 2: 591- 602.

- Zaki, M.M Ferguson, N., Leitung, V. and Kleven S.H. (2004). Safety of *Mycoplasma gallisepticum* vaccine strain 6/85 after back passage in turkeys *Avian Dis.*, 48:642-646.
- Moustafa, G.Z., Zaki, M.M. and Badawy, E. M) .2002 (Hygienic control of salmonella in artificially contaminated feed. *Vet. Med. J. Giza.*, 50; 2: 239 - 246.
- Moubarak, S.T., Anwar, W., Zaki, M. M. and Moustafa, G.z. (2003). Evaluation of some commercial poultry feed additives used for Mould inhibition and/or Mycotoxin detoxification. *Vet. Med. J., Giza*, 52, 4:115- 124.
- Moustafa, G.Z., ZaKI, M.M. and Badawy, M.P. (2000) Hatchability of broiler breeder's eggs as affected by flock age, shell quality and storage time. *J. Egyptian Vet. Med. Ass.*, 62, 6: 301- 312.
- Zaki. M. M. (2006) "Evaluation of TS-11 strain as a live vaccine against a virulent R- Strain of *M.Gallisepticum* for prevention and control of *M. Gallisepticum* in chicken". *Egyptian Soc. Anim. Reprod. Fert.* 18th Annual Congress. 6: 201- 213.
- El-Iethey, H., and Zaki, M.M. (2005). The effect of different types of litter material on broiler's performance. *Proceedings of the 1St Scientific Conference of the Egyptian Society of Experimental Biology. The Egyptian Society of Experimental Biology and Faculty of Agriculture, Tanta University Egypt*, pp. 13-14.

- Khaled H.Zaghlol; Magdy I. Hanna and Manal M. Zaki (2007). Assessment and control of nitrite toxicity in *clarias gariepinus*. Egyptian J. of Aquat.Biol. and Fish, Vol.11, No. 3: 1047-1068.
- A.E.Eissa and Manal M. Zaki (2007). Field evaluation of povidone iodine as an effective disinfectant for different stages of returning spawners salmon. Egyptian Soc. Anim.Reprod. Fert. 19th Annual Congress. 2007, pp. 249- 265.
- A.E.Eissa and Manal M. Zaki (2010). Egyptian perspective on the global climatic changes impact on the aquatic environment. Urban Environmental Pollution Conference – Overcoming Obstacles to Sustainability and Quality of life. From 20-23 July 2010. Boston. USA.
- A.E.Eissa and Manal M. Zaki (2011). The impact of global climatic changes on the aquatic environment. Procedia Environmental Sciences 4 (2011) 251–259.
- Hussein Kaoud, A.R. El-Dahshan, M.M. Zaki, Shimaa.A. Nasr (2010).Occurrence off *Mannheimia haemolytica* and *Pasteurella trehalosi* among Ruminants in Egypt. New York Science Journal. 3(5): 135- 142.
- H.A. Kaoud, Manal.M. Zaki, A.R. El-Dahshan, Shimaa .A. Nasr (2010). Epidemiology of Brucellosis among Farm Animals. Nature and Science. 8(5):190- 197.

- Alaa E Eissa, Manal M. Zaki, A. Abdel Aziz (2010). *Flavobacterium columnare* / *Myxobolus tilapiae* Concurrent Infection in the Earthen Pond Reared Nile Tilapia (*Oreochromis niloticus*) during the Early Summer. *Interdisciplinary Bio Central*. 2(5): 1- 9.
- Alaa E Eissa, Manal M. Zaki, A. Abdel Aziz (2010). *Flavobacterium columnare* / *Myxobolus tilapiae* Concurrent Infection in the Earthen Pond Reared Nile Tilapia (*Oreochromis niloticus*) during the Early Summer. In the Proceeding of the WAVMA (World Aquatic Veterinary Medical Association) 2010 International Aquatic Veterinary conference, Athens, Greece 2010.
- Alaa Eissa, Manal Zaki, Mohamed Moustafa , Ahmed Abdel Aziz and Sherein Saeid (2010). "First record of Mycobacteriosis in the Dusky grouper (*Epinephelus marginatus*) from Mediterranean coastal shores of Marsa Matrouh province, Egypt "In the Proceeding of the WAVMA (World Aquatic Veterinary Medical Association) 2010 International Aquatic Veterinary conference, Athens, Greece 2010.
- Alaa Eissa, Manal Zaki, Mohamed Moustafa , Ahmed Abdel Aziz and Sherein Saeid " First record of Mycobacteriosis in the Dusky grouper (*Epinephelus marginatus*) from Mediterranean coastal shores of Marsa Matrouh province, Egypt " 2010. In the proceeding of the Egyptian Society of Animal Management 4th Annual Congress from the period of 25- 28 October 2010.

- A.E. Eissa , M.M. Zaki and S. Saeid. 2011. Epidemic mortalities in the dusky grouper, *Epinephelus marginatus* (Lowe, 1834) in Egyptian coastal waters. *Egypt J. Aquat. Biol. & Fish.* 15(3): 111-122.
- M.M. Zaki, AE. Eissa and S. Saeid (2011). "Assessment of the immune status of Nile tilapia (*Oreochromis niloticus*) experimentally challenged with toxogenic / septicemic bacteria during treatment trial with Florfenicol / Enoxacin". *World Journal of Fish and Marine Sciences.* 3 (1): 21-36, 2011.
- Abdelaziz M. A. and Manal M. Zaki (2010). Investigation of mass mortality problem of *Oreochromis niloticus* in Marioutia channel in Egypt. *World Journal of Fish and Marine Sciences* 2 (5): 461-470.
- Manal M. Zaki, Hesham Y. El Zorba, Hussin A. Kaoud (2010). Environmental organisms as risk factors in the occurrence of mastitis in dairy buffaloes with suggested methods of control. A field study. *Global Veterinaria* 5 (2): 97-105.
- Hussein Kaoud, Manal M. Zaki, A.R. El-Dahshan, Sherein Saeid and Hesham Y. El Zorba. (2011). Amelioration the toxic effects of cadmium exposure in Nile Tilapia (*Oreochromis niloticus*) by using *Lemna gibba* L. *Life science journal.* 8(1): 177-186.
- Hussein Kaoud, Manal M. Zaki, Mona M. Ismail. (2011). Effect of Exposure to Mercury on Health in Tropical Macrobranchium *Rosenbergii*. *Life Science journal.* 8(1): 154-163.

- Hussein Kaoud, A.R. El-Dahshan, M.M. Zaki, Shima A. Nasr. (2010). Eco-epidemiological aspects of *Mannheimia haemolytica* in Egypt. *Researcher*. 3(2): 43-50.
- J.A. Kuchai, M.Z. Chishti, M.M. Zaki, J. Ahmad, M. Rasool, S.A. Dar and H. Tak. (2011). Epidemiology of Helminth Parasites in Small Ruminants of Ladakh, India. *Online Journal of Animal and Feed Research*. 1(5): 239 -242.
- J.A. Kuchai, M.Z. Chishti, Manal M. Zaki (2011). Some Epidemiological Aspects of Fascioliasis among Cattle of Ladakh. *Global Veterinaria*. 7 (4): 342-346.
- Manal M. Zaki, Sami A. El-Midany, Hazem M. Shaheen and Laura Rizzi. Mycotoxins in animals: Occurrence, effects, prevention and management. 2012. *Journal of Toxicology and Environmental Health Sciences*. 4 (1): 13-28.
- J.A. Kuchai, M. Z. Chishti, Manal M. Zaki, Javid Ahmad¹, Muzaffar Rasool, S. A. Dar and Hidayatullah Tak. Prevalence of nematode parasites in Sheep of Ladakh – India 2011. *Journal of Agricultural Extension and Rural Development*. 3(13): 229-231.
- A.A.E. Eissa, N.A. Tharwat, M.M. Zaki. Field assessment of the mid-winter mass kills of trophic fishes at Mariotteya Stream, Egypt: Chemical and biological pollution synergistic model. *Chemosphere* 90 (2013) 1061–1068.
- A.E. Eissa H. A. Hussein and M.M. Zaki. Detection of Avian Influenza (H5N1) In Some Fish and Shellfish from Different Aquatic

Habitats across Some Egyptian Provinces. Life Science Journal 2012;
9(3):2702-2712.