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Prof. Dr Adel Abdel Aleem Shaheen

1. Personal data

Name (Arabic)	عادل عبد العليم شاهين
Name (English)	Adel Abdel Aleem Shaheen
Department	Fish Diseases and Management
College	Veterinary Medicine
Academic degree	PhD
Office Address	Moshtohor, Toukh, Kalubia governorate, Egypt, 13736
Mobile	+201221519777
Fax	+20133640460
Email	shaheen_aa@yahoo.Com

2. Education

Institution	Degree obtained	Year
Zagazig	PhD	1992
Zagazig	Master	1986
Zagazig	Bachelor	1978

General specialty	Fish Diseases and Management
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Language skills.

Language	Reading	Speaking	Writing
Arabic	Excellent	Excellent	Excellent
English	Very good	Good	V. good

3. Cooperation with local and international entities having website

Name of local and international entity	Website
1. Worldfish - Abbassa, Egypt	g.naggar@cgiar.org
2. Central Laboratory for Aquaculture Research (CLAR). Abbassa, Egypt	nagdiz@yahoo.com
2. Arican Union – IBAR	mohamed.seisay@au-ibar.org , simplice.nouala@au-ibar.org
3. Michigan State University USA	faisal@cvm.msu.edu
4. Purdue university USA	www.purdue.edu , nour@purdue.edu
5. Miyazaki University, Japan	www.agr.miyazaki-u.ac.jp
6. University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania	, livmiron@yahoo.com , povidiius@yahoo.com www.univagro-iasi.ro
7. Mississippi State University USA	karsi@cvm.msstate.edu , hoblet@cvm.msstate.edu
8. Ohio State University USA	wang.900@osu.edu

4. Membership of professional bodies and Committees:

1. Member of the permanent scientific committee of the supreme council of the Egyptian universities for the promotion of assistance professors and professors.
2. Member of number of Committees for the Fac. Vet. Med., Benha University.
3. Member of the trainer's team and experts for the General Authority of Veterinary Services. Submitting lectures and practical training for the veterinarians at the fish hatcheries and fish farms.
4. Member of the Referee's team for the science & technology development fund (STDF), Ministry of Scientific Research 2013.
5. Member of the equivalence committee of higher scientific certificates

granted from abroad and foreign missions for the Supreme Council of Universities - the veterinary sector.

6. Member of the referee's team for best PhD thesis prize at the University of Mansoura 2010/2011.
7. Referee member for promotion of the researchers at the National Center for Research 2010.
8. Member of the Technical Committee for importing herring for the General Authority for Veterinary Services - Ministry of Agriculture in 2009.
9. Member of the referee's team for the Encouragement awards of the Agricultural Research Centers 2009.
10. Member of some committees of General Authority for Veterinary Services (consultant, infectious salmon anemia) 2009.
11. Member of the Egyptian Society for Animal Reproduction and Fertility; since 2004 till now.
12. Member of the Referees committee for promotion of researchers at the Institute of Animal Health Research 2004.
13. Member of the Society of natural toxins since 2005 till now.
14. Member of the Society of Physiological Sciences and their Applications, since 2000 till now.

5. Areas of expertise.

- 1 Fish and shellfish diseases; bacterial, mycotic, parasitic and viral
- 2 Fish management; freshwater fishes (tilapia, African catfish carp and mullet) reproduction and breeding in different aquaculture systems with different management methods.
- 3 Crustacean management of shrimp especially freshwater prawn

Machrobrachium rosenbergii.

4 Marine Pollution.

6. PhD/MVSc. Supervision

Title	
1. Disposition of florfenicol on diseased and apparently healthy catfish.	2013
2. Using of molecular biology in protection of enteric septicemia of channel catfish (<i>Ictalurus punctatus</i>)	2013
3. Using some biomarkers for detection of contamination in fish using molecular tools.	2012
4. Some Physiological studies on monosex Nile Tilapia	2012
5. Effect of herbal plant extracts on growth rate and immune response of <i>Macrobrachium Rosenbergii</i>	2012
6. Molecular biology studies on the immunosuppression on fish.	2012
7. Organic chloride compounds as residues in Nile fishes	2012
8. Potential use of non pathogenic pseudomonas strains in biocontrol of some bacterial diseases in Nile tilapia.	2011
9. Development of modern molecular biological methods for diagnosis of edwardseilosis in some freshwater fishes.	2011
10. Molecular diagnosis of ichthyophonosis and branchiomycosis in Nile tilapia (<i>Oreochromis niloticus</i>) with trials of treatment.	2011
11. Advanced techniques used in diagnosis of internal parasites in fresh water fishes.	2011
12. Effect of endocrine disrupting chemicals on fish	2011

reproduction	
Effect of immunostimulants on disease control in shrimp	2010
13. Biochemical effect of nutmeg on fish metabolism.	2010
14. Studies on Enteric Red Mouth diseases in freshwater fishes.	2009
15. Biochemical effect of polluted water on fish metabolism	2009
16. Biochemical effect of sulphur compounds on water and fish metabolism.	2009
17. Biochemical effect of herbicides polluted water on fish metabolism.	2009
18. Effect of some environmental conditions on immune status and growth rates of <i>Macrobrachium Rosenbergii</i>	2008
19. Vibriosis in some fresh and salt water fishes	2008
20. Development of molecular tools for diagnosis of fish diseases of aquaculture importance.	2008
21. Uses Of Different Serological Techniques To Determine The Immune Response Of Fish To Some Types Of Bacteria And Fungi	2009
22. Studies On Some Internal Parasitic Diseases Of Nile Tilapia In Kalubia Governorate	2009
23. Parasitic diseases in gills of some freshwater fishes	2007
24. Studies on streptococcosis in some freshwater fishes	2007
25. Effect of some endocrine disrupting chemicals on fish reproduction	2007

26. Some studies on septecimic diseases in cultured freshwater fishes	2005
27. Effect of immunostimulants on disease control in shrimp	2005
28. Some studies on induced monosex Nile tilapia	2004
29. Effect of some mycotoxins on immunity of African catfish	2004
30. Aphanomycosis in in freshwater fishes and crayfish	2003
31. Some studies on reproduction in Common carp " <i>Cyprinus carpio</i> "	2003
32. Studies on some toxic residues in fish and shellfish	2003
33. Studies on some kinds of bacteria and fungi isolated from fish	2002
34. Ichthyophonosis in freshwater fish (<i>Oreochromis niloticus</i>)	2002
35. Studies on streptococcosis in some freshwater fishes in relation to aquatic birds	2002

7. Grants for Projects

Funding organization	Project title	Role	Year
NARP	Technology transfer for rearing of freshwater prawn, <i>Macrobrachium rosenbergii</i>	Principal investigator	1991

8. List of Publications :

1. Abdel Ghaffar, A. E., Shaheen, A. A., Aboul El-Roos, M. E. A., El-Azab, A. I. and Farag, O. (2004): Effect of some treatments on milt

character and histological structure of the tests in Common carp. Egyptian Soc. Anim. Reprod. Fert. Sixteen Annual Congr. Pp 103-113.

2. Abdel Latif, A.M; Amany, A.Abbass and **Shaheen, A.A. (2009)**: Monogeniasis in African catfish (*Clarias gariepinus*) and Common carp (*Cyprinus carpio*). Benha Vet. J., Special Issue,. Third Inter. Sci. Conf., 29 Jan – 1 Feb. 2009, Benha & Ras Sudr, Egypt, Fac. Vet. Med. (Moshtohor), Benha Univ., 313 – 326.
3. Amany, A. Abbass; Hasnaa, A. Radwan and **Shaheen A. A. (2005)**: Cytogenetic alteration in *Oreochromis niloticus* fry fed on 17 α Methyltestosterone, Tamoxifen and Letrozol treated rations. J. Egypt. Vet. Med, Assoc. 65, (6): 159-170.
4. Amany, A. Abbass; Laila M. El-Shabiny and **Shaheen, A.A. (2000)**: Studies on mycoplasmosis among some fishes. Suez Canal Vet. Med. J. Vol. III (2): 705-716.
5. Amany, A. Abbass, **Shaheen, A.A.**, Abd El-Aziz, A. Mosaad and Mona, M. Sobhy (2000): Clinico pathological and laboratory investigations on vibriosis in some fishes. Zag. Vet. J., 28 (3): 115-124.
6. Amany, A. Abbass; **Shaheen, A.A.** and Abdel-Latif A. M. (2004): Aphanomycosis in African catfish "*Clarias gariepinus*". First Sci. Conf., September 1-4, Benha & Ras Sedr, Egypt. Fac. Of Vet. Med., Moshtohor, Zagazig University, Benha Branch.
7. Amany, A. Abbass; **Shaheen, A.A.**; Ahlam Abdel-Lateif and Manal

- El-Sayed Hefny (2003): Studies on ichthyophonosis in Nile tilapia, *Oreochromis niloticus*. 3rd Int. Sci. Conf., Mansoura April 29-30, Egypt. Fac. Of Vet. Med., Mansoura University.
8. Amel, M. El Asely; Amany A. Abbass and **Shaheen A. A. (2007)**: Effect of dietary administration of steroidal and non steroidal compounds on sex ratio of *Oreochromis niloticus*. Benha Vet Med. J. 18 (2): 37-50.
 9. Amel El Asely, Toshiaki Itami, **Adel Shaheen**, Yoshihiro Tachikawa and Satoshi Yoshida (2010) .immunomodulatory effect of plant MIXED FEED in shrimp *Marsupenaeus japonicus*, and its protective efficacy against white spot syndrome virus (WSSV). Journal of Fish Diseases ,Volume 33, Issue 10, pages 859–863, October 2010.
 - 10.El-Bouhy, Z.M. and **Shaheen, A.A. (1993)**: Cryptococcosis in Nile catfish (*Clarias lazera*). Zag. Vet. J., 20(5): 530-546.
 11. El-Komy, A.A. and **Shaheen, A.A. (1995)**: Some pharmacokinatic aspects and tissue residues of cephalixin in normal and experimentally *Pseudomonas fluorescense* infected Nile catfish. Benha Vet. J., 6(2): 97-114.
 12. El-Komy, A.A. and **Shaheen, A.A. (2002)**: Bioavailability and tissue residues of flumequine and oxytetracycline in Nile catfish. Zag. Vet. J., 30(2): 1-13.
 13. Eman, A. Abdel-Gawad; Amany A. Abbass and **Shaheen A. A. (2007)**: Streptococcosis in some fishes: characterization of whole cell protein of the prevalent streptococcus spp. Benha Vet Med. J. 18 (2): 51-64.

. 122-130.

28. **Shaheen, A.A.**, El-Sayed, E.E. and Faisal, M. (1999): Isolation Of *Aphanomyces* sp(p). Associated With Skin Lesions And Mortalities In The Striped (*Mugil cephalus*) And The Thin Lip (*Liza ramada*) Grey Mulletts. Bull. Eur. Ass. Fish Pathol., 19(2): 79-82.
29. **Shaheen, A.A.** and Lubna M. El-Akabwy (1997): Acanthocephala from some Egyptian Nile fishes. Zag. Vet. J., 25 (3): 81-87.
30. **Shaheen, A.A.** and Lubna M. El-Akabwy (2001): Studies on some prevailing external and internal protozoal diseases among flatfish, *Solea solea* and catfish, *Clarias lazera*. Zag. Vet. J., 29 (2): 137-145.
31. Walaa. M. Salah El din, Azab. M. E., Hindi. A.D., **Shaheen. A. A.** (2012) some physiological studies on induced monosex Nile tilapia using 17 α methyl testosterone. The Global Journal of Fisheries and Aqua. Res.
32. Zaki, H.V., **Shaheen. A.A.** and Fouda, M. (2003): Treatment trials of inttugmentry mycosis (*Achlya kelbsiana*) causing mass mortalities among *Mugil cephalus* fries in Dakahlia province. Mansoura, Vet. Med. J. 5 (2): 57-70.
33. Zeinab, A. Labib; Hanan M. Lamada and **Shaheen, A.A.** (2009): Incidence and pathological effect of *Anisakis simplex* larvae among some Egyptian fish. Benha Vet. J., Special Issue., Third Inter. Sci. Conf., 29 Jan – 1 Feb. 2009, Benha & Ras Sudr, Egypt, Fac. Vet. Med. (Moshtohor), Benha Univ., 544 – 563.

9. Attendance and Coordinator of Workshops, Symposiums, and

Conferences

Name of Workshops, Symposiums, and Conferences	Year
General Secretary of The 6 th Global Fisheries & Aquaculture Research Conference and giving a lecture entitled "Tilapia the Miracle Fish; Reproduction & management methods". Hurghada, Egypt.	2013
The development of Pan-African strategy on improvement of fisheries data collection, analysis and dissemination. AU-IBAR Nairobi, Kenya.	2013
Aquaculture development in Africa workshop, and giving a lecture entitled "Aquaculture Development; Constraints & Success Stories In Egypt". Interafrican Bureau for Animal Resources (AU-IBAR) Mangochi, Malawi.	2013
General Secretary The 5 th Global Fisheries & Aquaculture Research Conference. Faculty of Agriculture, Cairo University.	2012
Think Tank meeting on capacity development for negotiating fair and sustainable fisheries access agreements in Africa and giving a lecture entitled "Overview on status of fisheries and aquaculture development in Egypt". Interafrican Bureau for Animal Resources (AU-IBAR) Douala, Cameroun.	2012
Think Tank validation meeting on the formulation on pan African fisheries policy framework and the comprehensive	2012

African fisheries reform strategy. Interafrican Bureau for Animal Resources (AU-IBAR) Douala, Cameron.	
The 5 th Scientific Conference of the Veterinary Research Division, National Research Centre	2011
Collaboration with the Arab Organization for Agricultural Development (CAOAD) (IFAD) - Arab League - to participate in the training course for national cadres in the field of diagnosis of fish diseases, Khartoum, Sudan.	2011
Coordinator of Symposium on "imported fish and human hygiene" held at the Faculty of Veterinary Medicine, Benha University Symposium	2009
"Prospective on veterinary medicine" as invited speaker at Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania for submitting a lecture entitled 'Overview of Nile tilapia on Egypt', 2009.	2009
The 3 rd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, 29 Jan-1Feb, 2009.	2009
The 4 th Scientific Conference of the Veterinary Research Division, National Research Centre, 2008.	2008
8 th International Symposium on Tilapia in aquaculture CICC, 12-14 Oct., 2008.	2008
The 4 th Scientific Conference of the Veterinary Research Division, National Research Centre, 2008.	2008
The 2 nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, 25-28 th , 2007	2007

The 3 rd Scientific Conference of the Veterinary Research Division, National Research Centre, 2006.	2006
8 th Scientific Conference, Faculty of Veterinary Medicine, Cairo Univ., Egypt, 17-19 April, 2005	2005
2 nd Scientific Conference of the Veterinary Research Division, National Research Centre, 2005.	2005
1st Scientific Conference of the Veterinary Research Division, National Research Centre, 2004.	2004
Coordinator of Sustainable Marine aquaculture at Egypt Symposium	2003
1st Scientific Conference, Faculty of Veterinary Medicine, Tanta Univ. Egypt, 6-8 May, 2003	2003
3 rd Scientific Conference, Faculty of Veterinary Medicine, Mansoura Univ., Egypt, 29-30 April, 2003	2003
Coordinator of Inevitability of aquaculture in Egypt	2001
President of Organizing committee of The role of irradiation in medicine and the environment	2001
1 st Scientific Conference, Faculty of Veterinary Medicine, Suez canal Univ., Ismailia Egypt, 10-12 Oct., 2000.	2000
24 th Annual Eastern fish health workshop, West Virginia, USA, 8-11 March, 1999.	1999

10. Positions

1. "Tilapia the Miracle Fish; Reproduction & management methods" for the 6th Global Fisheries & Aquaculture Research Conference. Hurghada, Egypt, 2013.
2. "Aquaculture Development; Constraints & Success Stories In Egypt". Mangochi, Malawi, 2013.
3. "Tilapia fish; fish for the 3rd millennium", the first Scientific Conference of the Veterinary Research Division, National Research Centre, 2011.
4. Fish Reproduction & Impact Of Endocrine Disruptors, for the Egyptian Society for Animal Reproduction and Fertility, conference, Al Ein El-Sokhna 2013.
5. Lecture entitled "Overview on status of fisheries and aquaculture development in Egypt". Douala, Cameroon, 2012.
6. "Reproduction & Fry production" for the training course organized by the Arab Organization of Agricultural Development, Arab League. Cairo University, Fac. Vet. Med., 2012.
7. "Freshwater Giant Prawn, *M. rosenbergii*", the 5th Scientific Conference of the Veterinary Research Division, National Research Centre, 2010.
8. "Fungal diseases in fish and shellfish" Submitted for the Department of Animal Production, Faculty of Agriculture, Miyazaki University entitled May 2009.
9. "Overview of Nile tilapia on Egypt" Submitted for the University of Agricultural Sciences and Veterinary Medicine Iasi, Romania, 2009.

	Date From - to	Organization	Country	Position	Role
1	May 2002- till now	Fac. Vet. Med., Benha Univ.	Egypt	Professor	Head Department
	June 1999 – May 2002	Fac. Vet. Med., Benha Univ.	Egypt	Assit. Prof.	Acting Head Department
2	May 1997- Sept. 1998	Fac. Vet. Med., Benha Univ.	Egypt	Assit. Prof.	Teaching Research
3	April 1992- May 1997	Fac. Vet. Med., Benha Univ.	Egypt	Lecturer	Teaching Research
4	November 1990 – April 1992	Fac. Vet. Med., Benha Univ.	Egypt	Assit. Lecturer	Teaching Research
5	April. 1979 – November 1990	Fac. Vet. Med., Benha Univ. & Zagazig Univ.	Egypt	Veterinarian – Vet. Hospital	General practitioner

11. Activities in faculty/university/community service

Name of Activity service	Year
1. Conducting Clinical training courses for veterinarians in fish farming and fish diseases through continuous training programs of the General Authority for Veterinary Services in fish hatcheries and fish farms	Since 1995 till now
2. Conducting the clinical training classes for the faculty students with the collaboration of Central Laboratory for Aquaculture Research (CLAR) – Abbassa, Egypt.	2000 till now
3. External referee for Ph.D. and Master Theses of fish diseases and management for many Faculties of Vet. Med., Fac. of Science and Fac. of Agriculture at Egypt.	2000 till now

Vet. Med. Assuit Univ., Vet. Med. South Valley Univ., Vet. Med. Alexandria Univ., Vet. Med. Kafr El-Shikh Univ. and Al-Sadat Univ., Fac. of Agriculture, Benha University.

Projects submitted to the administration of projects, Cairo Univ. from Fac. Vet. Med., 2013.

Project submitted to Scientific Research Academy from ICLAR, 2007.

Projects submitted to STDF, Scientific Research Academy from different faculties, 2013.

4. External referee of Master thesis for Faculty of science, Suez canal Univ., Cairo Univ. and Helwan Univ. and Fac. of Agriculture at Egypt.	2013, 2010, 2008, 2006
5. Member of training team for the training course held for training of the staff working in the field of fish hatcheries organized by the Arab Organization for Agricultural Development - Arab League – Cairo University.	2012
6. Member of referee's committee for incentive awards in the Agricultural Research Center.	2009
7. Member of the committee for promotion of the assistant professors and professors at the veterinary sector of the higher education.	2007
8. Project referee for Academy of Scientific Research & Technology, Special councils Sector.	2007

12. Consulting Experience

1. Giving advice and Report to the problem of fish outbreak in the White Nile in Sudan, 2011
2. Giving advice for the (HBAR) African union on the problem of Epizootic Ulcerative Syndrome (EUS) in fish outbreak occurred at Zambia, 2007.
3. Appointed as Research Consultant at Virginia Institute of Marine Science, 1999.

13. Selected Recent Presentations

10. "Aquaculture: diseases and management delivered for Department of Fisheries and Forestry and Natural Resources at the Perdue University, United States of America, 2008.
11. "Algae & Fungi in Fish & Shellfish and health impacts on humans", submitted for the 4th Scientific Conference of the Veterinary Research Division, National Research Centre, 2008.
12. "Fish born parasitic zoonoses", submitted for the 3rd Scientific Conference of the Veterinary Research Division, National Research Centre, 2006.
13. "Pollution in the Red sea", submitted for the Egyptian Society for Animal Reproduction and Fertility, Al Ein El-Sokhna 2006.
14. "Fish reproduction and aquaculture", for the Egyptian Society for Animal Reproduction and Fertility, conference, Aswan 2004.
15. "Tilapia: fish of the 3rd millennium", submitted the first Scientific Conference of the Veterinary Research Division, National Research Centre, 2004.
16. "Tilapia: fish of the 3rd millennium", submitted the submitted to the Dept. of Animal Production, Ein Shams University, Egypt, 2004.
17. "Cage aquaculture", submitted for the 2nd Scientific Conference of the Veterinary Research Division, National Research Centre, 2002.
18. "Inevitability of fish aquaculture in Egypt" submitted for the 1st symposium of Fish Diseases & Management with collaboration of General Authority of Fish Resources Development, Fac. Vet. Med., Benha University, Egypt 2001.

14. International activities

- 1) Collaboration with the African union as fish expert since 2012

- 2) Collaboration with the African union for solving the problem of Epizootic Ulcerative Syndrome (EUS) in fish outbreak at Zambia, 2007.
- 3) Receiving students from the United States faculty of veterinary medicine, Purdue University, for three years the last one was at June, 2008.
- 4) Scientific mission with Benha University students' delegation to the United States for activation the partnership agreement between Benha University and Purdue University at Indiana, 2008.
- 5) Coordinator of the partnership agreement between Benha University and Purdue University at Indiana signed 2008.
- 6) Submitting a lecture entitled "Aquaculture: Management & Diseases" at the Department of wildlife and Natural resources, Purdue University, Indiana, United States, 2008.
- 7) Scientific mission to Miyazaki University at Japan to follow up the studying of Ph.D. student, 2009.
- 8) Submitting a lecture entitled "Fungal diseases in fish and shellfish" at the Department of Animal Production, Miyazaki University, Japan 2009.
- 9) Attending the conference entitled "Prospective on veterinary medicine" as invited speaker at Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania for submitting a lecture entitled 'Overview of Nile tilapia on Egypt', 2009.
- 10) Coordinator of partnership agreement between Benha University and University of Agricultural Sciences and Veterinary Medicine, Iasi, Romania, 2009..

15. Referee for the following thesis, projects, awards and scientific papers: more than 50

M.V.Sc, , PhD, Vet. Med. Suez Canal Univ, Vet. Med. Mansoura Univ.,