

Benha University Website Project

Information needed from staff

Draft Ver. 2


CV

Dr. Mohamed Mohamedy Ghanem

Associate professor

Faculty of Veterinary Medicine, Benha University

1. Personal data

Name (Arabic)	محمد محمدى غانم
Name (English)	Mohamed Mohamedy Ghanem
Department	Animal Medicine
College	Veterinary Medicine
Academic degree	PhD
Office Address	Moshtohor- Toukh 13736
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Recent Photo (passport format)	

2. Education

Institution	Degree obtained	Year
West Virginia University - USA	PhD	2003
Zagazig University - Benha	Master of Veterinary Sciences	1997
Zagazig University - Benha	Bachelor of Veterinary Science	1992

General specialty	Animal Medicine
Specific specialty	Veterinary Internal Medicine

Language skills (Excellent, Very Good, Good, Basic)

Language	Reading	Speaking	Writing
Arabic	Excellent	excellent	excellent
English	Excellent	excellent	excellent

3. Membership of professional bodies (List)

- 1) A member of Egyptian Society of Cattle Diseases since 2008
- 2) A member of Environmental Mutagen Society – USA since 2003.

4. Distinction and Awards (List)

- a. West Virginia University (WVU, USA) postdoctoral scholarship: 2004-2005.
- b. IDB (Islamic bank Development, Saudi Arabia) scholarship winner 2007.
- c. Partnership and ownership Initiative scholarship, Ministry of Higher Education, Egypt (cycle 0607) 2008.
- d. Oak Ridge Institute for Science and Technology (ORISE) scholarship (USA) (2001-2003).
- e. Full governmental scholarship for pursuing PhD in USA (1998).

- f. An appreciation by the supreme council of higher education for Developmental engagement (DE) of faculties of Veterinary Medicine via QAAP project (2008).
- g. West Virginia University (WVU, USA) travel award (2003)
- h. The highest fifth ranking of West Virginia University for PhD dissertation (2003).

Areas of research

- **Metabolic diseases**
- **Respiratory diseases**
- **Cardiovascular diseases**
- **Endocrine disorders**
- **Genetic disorders and diseases**

4.1. PhD/MSc Supervision

	Title	PhD/MSc	Year completed / in progress
1)	EXPERIMENTAL INDUCTION OF DIABETES MELLITUS IN DOG WITH TRIALS FOR TREATMENT	MVsc	2009
2)	Periparturient Blood Profile Changes and Their Relation to Some Metabolic Disorders in Farm Animals	MVSc	2009
3)	Field study on disease problems caused by trace element deficiency in ruminant	MVSc	In progress
4)	Studies on some digestive troubles in ruminant	MVSc	In progress
5)	The use of some medicinal plants in the treatment of some disease problems in farm animals	MVSc	In progress
6)	Studies on some disease problems in ruminant	PhD	In progress
7)	Some toxicological studies of some natural plants	PhD	In progress

4.2. Grants for Projects

Funding organization	Project title	Role	Year
Ministry of higher education (EGYPT)	Establishment of Internal Quality Assurance and accreditation system at the Fac. Of Vet. Medicine, Benha Univ.	Founding member	2005
Ministry of Higher Education- Higher education enhancement project fund (HEEPF)	Enhancement of Diagnostic Imaging Program in Veterinary Medical Education in Egypt	Member (echocardiography)	2006
Oak ridge institute for science and Education (ORISE), USA	Effect of Particle inhalation on the induction of CYP1A1	Co-author	2001-2003
National Institute for Occupational Safety and Health (NIOSH), USA	Effect of Particle Exposure on Pulmonary Xenobiotic Metabolism in rats	Co-author	2000-2003
West Virginia University, USA	Effect of Particle-associated nitric oxide on pulmonary CYP1A1 expression	Principal investigator	2004-2005
West Virginia University, USA	Effect of LPS on CYP1A1 induction in sheep	Principal investigator	2008-2009
Ministry of Higher Education	Pathogenesis of suppression of CYP1A1 induction in alveolar type II cells	Co-investigator	2008

4.3. Committees

- 1) A member of Swine flu prophylaxis committee at the Faculty of Veterinary medicine.
- 2) A member of food safety committee for Benha University hostile
- 3) A member of the National Committee for the New Programs of the Egyptian Universities (Nov 2007 – Nov 2008).
- 4) A member of scientific equipment committee at the faculty of Veterinary Medicine, Benha University.
- 5) A member of defense committees for Master and PhD dissertation at the Department of Animal Medicine, Benha University.
- 6) A member of Egyptian Scholar Association of North America (ESANA) 1998-2003.

- 7) A member of Executive Committee of ESANA in USA 2002-2003.
- 8) A member of Quality Assurance Unit (QAU) at the Faculty of Veterinary Medicine
- 9) A member of CIQAP project at the Faculty of Veterinary Medicine
- 10) A member of Veterinary convoys held during the first, second, third and fourth environmental week (in collaboration with Benha University and Kalyobia Governorate).
- 11) A member of pig influenza awareness committee for primary, preparatory, and secondary schools at Kalyobia Governorate.
- 12) A member of Electronic portal team of Benha University
- 13) A member and coordinator of Information Technology (IT) committee of the faculty of Veterinary Medicine.
- 14) A member of strategic plan committee of Benha University.
- 15) A member of strategic plan committee of the Faculty of Veterinary Medicine, Benha University.
- 16) A member of the international communication unit of the Faculty of Veterinary Medicine, Benha University.
- 17) A member of the scientific committee of the Youth care at the Faculty of Veterinary Medicine, Benha University.

4.4. List of Publications (Authors, Title, Journal/Conference name, pages from to, year, link to full paper)

1. **M. Ghanem.** Genetic, Metabolic, and Histopathological studies of particle-associated respiratory alterations. Ph.D. dissertation, **2003** (West Virginia University).
URL: <http://mountainlynx.lib.wvu.edu/vwebv/holdingsInfo?searchId=18&recCount=50&recPointer=0&bibId=912816>
2. **Ghanem MM,** Porter DW, Battelli LA, Vallyathan V, Kashon ML, Ma JY, Barger MW, Nath J, Castranova V and Hubbs AF (**2004**). Respirable coal dust particles modify cytochrome P4501A1 (CYP1A1) expression in rat alveolar cells. *Am J Respir. Cell Mol Biol.* **31(2):171-83**.
URL: <http://ajrcmb.atsjournals.org/cgi/content/full/31/2/171>
3. **Ghanem MM,** Battelli LA, Mercer RR, Scabilloni JF, Kashon ML, Ma JY, Nath J, Hubbs AF. (**2006**). Apoptosis and Bax expression are increased

by coal dust in the polycyclic aromatic hydrocarbon-exposed lung. *Environ Health Perspective* 114(9):1367-73.

URL: www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1570065

4. Fararh KM, Shimizu Y, Shiina T, Nikami H, **Ghanem MM**, Takewaki T. (2005). Thymoquinone reduces hepatic glucose production in diabetic hamsters. *Res Vet Sci.* 79(3):219-23.
URL: www.ncbi.nlm.nih.gov/pubmed/16054891
5. **Mohamed M. Ghanem**, Khalid M. M. Fararh, and Joginder Nath (2004). Pulmonary exposure to foreign particles as a cytochrome P450 1A1 (CYP1A1) suppressor. *Minufiya Veterinary Journal* 3 (2): 367-383.
6. Fararh, K. M. and **Ghanem, M. M.** (2004). Hypoglycemic effect of thymoquinone. *Egyptian J. Comparative Pathology and Clinical Pathology* 17(1): 69-77.
7. **Mohamed M. Ghanem**, Hussein A. Abdel-Maksoud, Val Vallyathan, Lori Battelli, Mark Barger, Joginder Nath and Ann Hubbs (2004). Morphologic changes in the lungs of rats exposed to coal dust: A comparison between intratracheal instillation and intratracheal insufflation exposures. The First Scientific Conference, College of Vet. Med. Zagazig University/Benha Branch 1-4 Sept, 2004.
8. Hussein A. Abdel-Maksoud, Yakout A. Y. El-Senosy and **Mohamed M. Ghanem** (2004). Some metabolic changes in newly born puppies of diabetic bitches. The First Scientific Conference, College of Vet. Med. Zagazig University/Benha Branch 1-4 Sept.
9. Hussein A. Abdel-Maksoud, Khalid M. Fararh, **Mohamed M. Ghanem** and Saeed M. Fat-Hallah (2005). Effect of Chronic Aluminum administration on brain and liver enzyme activities and trace element concentration in rats with evaluation of the protective role of vitamin A and riboflavin. Proceeding of the 8th Scientific Conference, Faculty of Veterinary Medicine, Cairo University.
10. El-Maghraby, H.M., Al-Akraa, A.M. and **Ghanem M.M.** (2005). The sedative and analgesic effect of Romifidine in Donkeys. *Benha Vet. Med. J.* 16 (2): 232-246.
11. M. H. Shekidef; A. M. Al-Akraa, and **M. M. Ghanem** (2007). Studies on the effect of medetomidine versus romifidine in buffalo calves. *Assiut Vet. Med. J.* 53 (114): 291-309.
12. **M. Ghanem**, L. Battelli, M. Kashon, V. Vallyathan, J.Y. Ma, M. Barger, J. Nath, V. Castranova, and A.F. Hubbs. (2002). Coal dust is a modifier of CYP1A1 induction in rats. *The toxicologist* 66 (1-S):91 (Abstract).

13. **M. Ghanem**, D. Porter, L. Battelli, M. Kashon, M. Barger, J.Y. Ma, V. Vallyathan, J. Nath, and A.F. Hubbs. (2003). Rat pulmonary CYP1A1 induction is inhibited by respirable coal dust exposure. *The toxicologist* 72 (1-S):1555a (Abstract).
14. **Ghanem, MM**, Battelli, LL, Kashon M, Ma JYC, Vallyathan V, Nath J, Hubbs AF. (2003). Suppression of rabbit pulmonary CYP1A1 by intratracheal exposure to silica. *Environmental and Molecular Mutagenesis* 41 (3):64 (Abstract).
15. **M. Ghanem**, L. Battelli, R.R. Mercer, M.L. Kashon, J.F. Scabilloni, V. Castranova, J. Nath, V. Vallyathan A.F. Hubbs. Coal dust increases bax expression, increases apoptosis, and suppresses CYP1A1 induction in a rat model of mixed exposure to polycyclic aromatic hydrocarbons and respirable particles (2004). *The Toxicologist* 28 (1-S): 352 (Abstract).
16. **M. Ghanem**, A.F. Hubbs, M. Kashon, D.N. Weissman, D. Porter, L.A. Battelli, V. Vallyathan, and J. Nath. Cytochrome P4501A1 (CYP1A1) induction is suppressed by coal dust exposure in the ovine lung (2004). *Environmental and Molecular Mutagenesis* 44 (3): 58 (Abstract).
17. **Mohamed M. Ghanem**, Lori Battelli, Mark Barger, Joginder Nath and Ann F. Hubbs and Vincent Castranova (2005). Modifications of pulmonary CYP2B1 and inducible CYP1A1 activities by intravenous injection of iron dextran. *The Toxicologist* 84 (S-1): 360 (Abstract).
18. **Ghanem M**, Salem M, Yao J, Rexroad C, Nath J (2005). Modification of induced cytochrome P450 1A1 in rainbow trout by polychlorinated biphenyls (PCB) in fish-diet. *Environmental and Molecular Mutagenesis* 44 (3): 58 (Abstract).
19. Abd El-Raof, Y.M. and **Ghanem, M.M.** (2006). Clinical and haemato-biochemical studies on cases of alopecia in sheep due to deficiency of some trace elements. The 4th Scientific Conference, Faculty of Vet. Medicine, Suez Canal University, 21-23 November, 2006.
20. **Ghanem. M.M.** and Abd El-Raof, Y.M. (2005). Clinical and haematobiochemical studies on lamb coccidiosis an changes following amprolium and sulphadimethoxine therapy. *Benha Vet, Med. J.*, 16(2): 286-300.
21. **Mohamed M. Ghanem**, Elham El-Shewy and Yassein M. Abd El-Raof (2006). Effect of respirable particles (coal dust) on levels of il-1 β , il-6 and tnf- α in bronchoalveolar lavage and alveolar macrophage culture medium of rats. The 3rd Scientific Conference, National Research Center (NRC), Dokki, Cairo, 5-6 December, 2006.

22. **Ghanem, M.M.**, Moustafa, A.M. and Fatma K. Mohamed (2007). Therapeutic effect of Zanide, Parabenzole and Genesis on gastrointestinal nematodiasis in sheep. The 2nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, January, 25-28th, 2007.
23. Abd El-Raof, Y.M. and **Ghanem, M.M.** (2007). Clinical, haematobiochemical and ultrasonographic study in abomasal displacement in cows with trials of treatment. The 2nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, January, 25-28th, 2007.
24. **Ghanem, M.M.** and Abd El-Raof, Y.M. (2007). Cryopreservation of rumen protozoa using three different cryoprotectants and successful refaunation of defaunated sheep. The 2nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, January, 25-28th, 2007.
25. El-Attar H.M., **Ghanem M.M.** and Abd El-Raof, Y.M. (2007). Clinical, biochemical and haematological studies on omasal impaction in cows (2007). The 2nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, January, 25-28th, 2007, pp. 438-450.
26. Lori A. Battelli, **Mohamed M. Ghanem**, Michael L. Kashon, Mark Barger, Jane Y.C. Ma, R.L. Simoskevitz, Philip R. Miles and Ann F. Hubbs (2008). Crystalline Silica is a Negative Modifier of Pulmonary Cytochrome P4501A1 Induction. Toxicology and environmental health Part A. 71: 521-532.

URL: www.ncbi.nlm.nih.gov/pubmed/18338287

27. **Mohamed M. Ghanem**, Mervat E. Radwaan, Abdel Moneim M. Moustafa, Mohamed H. Ebeid (2008). Comparative therapeutic effect of toltrazuril, sulphadimidine and amprolium on Eimeria bovis and Eimeria zuernii given at different times following infection in buffalo calves (Bubalus bubalis) Preventive Veterinary Medicine 84:161-170.

URL: www.ncbi.nlm.nih.gov/pubmed/18262668

28. Abd El-Raof, Y.M. and **Ghanem, M.M.** (2006). Clinico-Biochemical Study on Some Cases Of Pregnancy Toxaemia Among Ewes. The 8th Sci. Vet. Med. Zag. , Conference (31 Aug. –3 Sept. 2006) Hurghada, pp 306-311.
29. **Mohamed M. Ghanem**, Ann F. Hubbs and Joginder Nath (2009). Effect of Intravenous Injection of Iron on Induced Pulmonary Cytochrome P450 1A1 (CYP1A1) and Constitutional CYP2B1 Activities. The Third

International Scientific Conference, Faculty of Vet. Med., Benha University, 29 Jan-1 Feb 2009.

30. **Mohamed M. Ghanem and Wael M. El-Deep (2009)** lecithin cholesterol acyltransferase (LCAT) activity as a predictor for ketosis and parturient haemoglobinuria in Egyptian water buffaloes. **Research in Veterinary Science**. DOI: 10.1016/j.rvsc.2009.07.004.

URL: www.ncbi.nlm.nih.gov/pubmed/19682715

31. **Mohamed M. Ghanem (2009)** A Comparative Study on Traumatic Reticuloperitonitis and Traumatic Pericarditis in Cattle in Egypt. **Turkish Journal of Veterinary and Animal Sciences**. *In Press*.

URL: <http://journals.tubitak.gov.tr/veterinary/index.php>

32. **Mohamed M. Ghanem, Lori A. Battelli, Bandon F. Law, Vincent Castranova, Michael L. Kashon, Joginder Nath, and Ann F. Hubbs (2009)**. Coal Dust Alters β -naphthoflavone-Induced Aryl Hydrocarbon Receptor Nuclear Translocation in Alveolar Type II Cells. **Particle and Fibre Toxicology**, 21:6.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2732588/>

33. **Mohamed M. Ghanem; Afafa D. A. Mohamed; Mohamed Y. Ramadan (2009)**. Clinical, Biochemical and Histopathological Study On Parasitic Gastroenteritis Caused By Caprine Coccidiosis: Comparative Therapeutic Effect Of Toltrazuril And Propolis. Published in the veterinary Symposium entitled "Progress and Perspective in Veterinary Medicine" Faculty of Veterinary Medicine, UASVM Iași, Romania 4-5 June 2009.

http://www.uaiasi.ro/simpozion_med/Revista/index.php?option=com_wrapper&view=wrapper&Itemid=68&lang=en

4.5. Attended Workshops, Symposiums, and Conferences

List name and year

Name of Workshops, Symposiums, and Conferences	Year

A- Workshops	
1. Workshop on "Institutional animal welfare core training (Lab. Animal Resources, WVU)"	2001
2. Workshop on "Laboratory Biosafety" at the National institute for occupational safety and Health (NIOSH) - USA	2002
3. Workshop on "Hazardous waste training" at the National institute for occupational safety and Health (NIOSH) - USA	2002
4. Workshop on "Chemical Storage training" at the National institute for occupational safety and Health (NIOSH) - USA	2003
5. Workshop on "Hazardous communication" at the National institute for occupational safety and Health (NIOSH) - USA	2004
6. Workshop on DNA extraction and PCR (College of Science, Benha University, Egypt)	2005
7. Workshop on DNA extraction and RT-PCR (Genetic Engineering Center, Al-Azhar University, Cairo, Egypt)	2005
8. Workshop on "The Basic Principles and Applications of Diagnostic Imaging in Domestic Animals" (College of Veterinary Medicine, Benha University, Egypt)	2005
9. Workshop on "the 2 nd workshop of Quality Assurance and accreditation Project, Faculty of Veterinary Medicine, Benha University"	2005
10. Workshop on "How to fill templates for program specification in Quality Assurance System"	2005
11. Training in Basic Curriculum design course, Benha University	2005
12. Training in occupational ethics course, Benha University	2005
13. Training in Scientific thinking skills course, Benha University	2005
14. Training in Effective communication course, Benha University	2005
15. Training in Effective presentation course, Benha University	2005
16. Chromosomal analysis of animal diseases, National Research Center, Dokki, Cairo	2006
17. Training program in Diagnostic imaging in small animal practice	2006
18. Training in using technology in teaching, Benha University	2006
19. Training in preparation and writing of scientific researches	2006
20. Training Course for the Production of Educational Materials, Faculty of Education, Benha University, February 28 to March 2, 2006, Benha, Egypt	2006
21. Training Course organized by the Benha University and training project of faculty members in the field of modern technology for	2006

production of educational materials including the three programmes (The use of Educational supply and maintenance, Production of Teaching materials, The design of Educational Attitudes) March 2006, Benha, Egypt	
22. Workshop on "The role of Diagnostic Imaging in Veterinary Medicine".	2006
23. Workshop on "How to fill the course specification template according to quality assurance and accreditation guidelines"	2006
24. Workshop on "" Computed Tomography and Magnetic Resonant Imaging as New Essential Diagnostic Tools in Veterinary Medicine "	2006
25. The workshop provided by the Cisco Academy for teaching of information technology Courses, Movenpick Hotel 6th October city, November 14, 2006	2006
26. Workshop on training of trainers (TOT1), faculty of Commerce, Cairo Univ	2007
27. Workshop on basic peer reviewing of the QAAP project	2007
28. Workshop for advanced peer reviewing of the QAAP project	2007
29. Workshop on Online Distance Education (United Nations Global Virtual University)	2007
30. Workshop on " Diagnosis of Diseases by Real Time PCR "	2007
31. Training in "Oracle database" by oracle university	2007
32. Training in "Web Publishing using Front Page"	2008
33. Workshop on Middle East Partnership Initiative Food Defense in American Embassy in cairo	2008
34. Workshop on Quality Assurance in Food Industries and Hospitalities With Egyptian-British commerce	2008
35. Collaborative Institutional Training Initiative (CITI) West virginia University. USA.	2008
36. Workshop on "Concepts of Quality assurance and accreditation	2009
37. Workshop on "Standards of accreditation of higher education institution", Benha University	2009
38. Workshop on "Procedures of accreditation by the National Authority of quality assurance and accreditation", Benha University	2009
39. Workshop on "training of trainer (TOT) for ICDL training, at the higher Institute for Technology (27-28, October)	2009

40. Workshop on "digital libraries" held at Benha University (25-26, October 2009)	2009
B-Symposiums	
41. Symposium on "imported fish and human hygiene" held at the Faculty of Veterinary Medicine, Benha University	2009
42. Symposium on "Veterinary Medicine and Market requirement" held at the Faculty of Veterinary Medicine, Benha University	2009
C- Conferences	
43. The 41 st Annual Meeting of Society of Toxicology Nashville, TN, USA.	2002
44. The 42 nd Annual Meeting of Society of Toxicology (SOT), Salt Lake City, Utah, USA	2003
45. The 34 th Annual Meeting of Environmental Mutagen Society (EMS), May 10-14, 2003, Miami Beach Florida, USA.	2003
46. The 43 rd Annual Meeting of Society of Toxicology (SOT), Baltimore, MD, USA	2004
47. The 35 th Annual Meeting of Environmental Mutagen Society, October 2-6 2004, Pittsburgh, PA, USA.	2004
48. The 3 rd Scientific Conference, College of Veterinary Medicine, April 2004 Minufia university, Egypt	2004
49. The 1 st Scientific Conference, College of Veterinary Medicine, Zagazig University - Benha, Egypt, Sept 1-4, 2004,	2004
50. The 44 th Annual Meeting of Society of Toxicology (SOT), New Orleans, LA, USA	2005
51. The 36 th Annual Meeting of Environmental Mutagen Society, September 3-8 2005, San Francisco, California, USA	2005
52.	
53. The 4 th Scientific Conference, Faculty of Veterinary Medicine in Ismailia, Suez Canal University, Egypt, November, 2006.	2006
54. The 3 rd Scientific Conference, National Research Center, Dokki, Cairo, Egypt (5-6 December, 2006).	
55. The 2 nd Scientific Conference, Faculty of Veterinary Medicine, Benha University, Egypt, 25-28 th , 2007	2007
56. The 3 rd Scientific Conference, Faculty of Veterinary Medicine,	2009

Benha University, Egypt, 29 Jan-1Feb, 2009.	
57. The veterinary Symposium entitled "Progress and Perspective in Veterinary Medicine" Faculty of Veterinary Medicine, UASVM Iași, Romania 4-5 June 2009	2009

4.6. Books published

- 1) Pet animal Medicine
- 2) Equine Medicine
- 3) Small Ruminant Medicine
- 4) Large ruminant Medicine

5. Positions

	Date From - to	Organization	Country	Position	Role
1	March 2009-present	Faculty Veterinary Medicine- Benha Univ	Egypt	Director of Veterinary Teaching Hospital	Director
2	Nov 2008-present	Faculty Veterinary Medicine- Benha Univ	Egypt	Associate professor	Teaching, research,
3	2003-2007	Faculty Veterinary Medicine- Benha Univ	Egypt	Lecturer	Teaching Research
4	1999-2003	Ministry of High Education	Egypt	Member of Governmental mission at USA	Reseach
5	1997-1999	Faculty Veterinary Medicine- Benha Univ	Egypt	Assistant lecturer	Teaching research
6	1993-1997	Faculty Veterinary Medicine- Benha Univ	Egypt	Demonstrator	Teaching Research

6. Activities in faculty/university/community service

Name of Activity service	Year
1. ICDL trainer	2008-present
2. IT coordinator	2009

3. Electronic Tansik supervisor for secondary school students	2007-current
4. Treatment of animal diseases in Vet Teaching hospital	2003-current
5. Treatment of animal diseases in surrounding community (through official convoys)	20003-current
6. Trainer for Veterinary doctors at the training centers and clinics	2003-present
7. Participation at the awareness campaign for Avian and swine flu	2008
8. A member at the Faculty crisis committee against Swine flu	2009
9. A member of the technology club unit at the fac Vet Medicine, Benha Univ	2006
10. A coordinator for external communication with international schools	2009
11. An organizer of scientific meeting entitles “applications of fluorescent in situ hybridization (FISH)” 2004. College of Veterinary Medicine at Moshtohor-Toukh, EGYPT	2004
12. An organizer of the scientific meeting entitle “chromosomal aberrations in male sterility; effect of age factor” 2004. College of Science at Benha – Benha, Egypt	2004
13. A member of editing and printing committee of the First Scientific Conference of College of Veterinary Medicine at Moshtohor, Toukh, EGYPT (Sept 1-4 th 2004).	2004
14. <u>Editor</u> of the Second Scientific Conference, College of Veterinary Medicine, Benha University. Egypt (25-28 th January, 2007).	2007
15. A member of CIQAP project	2008
16. A member of Faculty council	2008-present
17. Academic supervisor for first grade students	2008-present
18. Director of Veterinary teaching hospital	2009
19. A member of equipment committee of the faculty	2008-present

7. Consulting Experience (if any)

- Treatment and prevention of animal diseases.
- Conducting field diagnosis by ultrasound and ECG.
- Conducting laboratory diagnosis by real time PCR, Western blot and spectrophotometry.
- Informational Technology consultant (websites, Data bases, image processing).

- Foreign communications and agreements.
- Quality assurance and accreditation as a peer reviewer.
- Faculty leadership and Development and FLDP trainer
- International computer driving license (ICDL) certification
- International publication consultant as international peer reviewer for scientific journals.
- Online and distance education consultant approved by the United Nation virtual university
- Experimental Design consultant (designing experimental research)
- Writing scientific papers and competitive scientific projects.

8. Additional information you would like to put on the website

International activities

- A peer reviewer for the international journal " Tropical Animal Health and production"
- An external evaluation for Staff member hired by Sains Malaysia University

PROFESSIONAL TECHNIQUES AND AREA OF EXPERTISE

- Sheep, goat, cattle. Buffalo, camel and pet animal medicine
- Polymerase chain reaction and RT-PCR
- Real Time-PCR
- DNA and RNA extraction
- Nuclear extraction
- Sheep bronchoscopy
- Rabbit pathology
- Knock out mice
- Intratracheal instillation and insufflation in rats
- Outstanding Immunofluorescence technique (single, double and triple labeling)
- Fluorescent microscopy (image capturing)
- Immunohistochemistry
- Electrophoresis
- Western blotting
- TUNEL assay for cell apoptosis
- Enzyme linked immuno-sorbent assay (ELISA)

- Bronchoalveolar lavage collection and analysis (chemiluminescence of AM, PMN count, albumin, nitric oxide and LDH).
- Culture of cells (particularly alveolar macrophages).
- Microsomal isolation from rats, mice, rabbit and sheep
- Pulmonary cell isolation and purification
- Cell counting
- Spectrophotometry
- Hematological analysis
- Histopathology
- Morphometric analysis
- Pulmonary cytokine analysis (TNF-alpha, IL-1B, IL-6).
- Ultrasonography and echocardiography
- Endoscopy of different animal species
- Electrocardiography

COMPUTER, IT AND STATISTICAL SKILLS

- International computer driver license (ICDL) certification (word, Access, excel, PowerPoint, internet, information technology, using the computer and managing files)
- Oracle data base version 10 (4 levels)
- Microsoft certification for web page designing
- Skillful Statistical analysis using Excel, SPSS, Sigma Stat and Sigma plot.
- Data base creator by using Microsoft access.
- Web designing using front page and online templates.
- Professional image processing using image pro plus, Corel Draw, Corel Photopaint and Adobe Photoshop).

ACTIVITIES IN THE QUALITY ASSURANCE AND ACCREDITATION

- A peer reviewer for QAAP (Developmental engagement process)
- A member of the implementation team of CIQAP at faculty of Veterinary Medicine, Benha University
- A member of the peer reviewer team for QAAP of Faculty of Veterinary Medicine, Cairo University
- A member of the peer reviewer team for QAAP of Faculty of Veterinary Medicine, Mansoura University
- A member of the National Committee for the new programs (MENPP 2007-2008).

- Workshop on "Concepts of Quality assurance and accreditation", conducted by the National Authority for Quality Assurance and Accreditation Benha University on September 7 2009.
- Workshop on "Standards of accreditation of higher education institution", Benha University on September 8-9 2009.
- Workshop on "Procedures of accreditation by the National Authority of quality assurance and accreditation", Benha University on September 14-15, 2009.