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Curriculum Vitae

personal Information

Name	Mohamed Ibrahim Mohamed Anwar Dessouky	
Title	Professor of Clinical Pathology	
Date of birth	June 12/1946	
Place of birth	Cairo, Egypt	
Citizenship	Egyptian	

Contact Information

Home phone	33941829
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Educational Qualifications

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

- Ph. D. in Veterinary Medical Sciences, 1974. Field of specialization: Clinical Pathology.
- MVSc. in Veterinary Clinical Pathology, 1972.
- B. Sc. In Veterinary Medicine and Surgery, 1968.

Academic Positions

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

- Full Time Professor at the Department of Clinical Pathology, 2006 – till now.
- Dean of The Faculty of Veterinary Medicine, Cairo University, 1998 – 2004.
- Vice Dean for Education and Students' Affairs, 1996 -1998.
- Vice Dean for Community Service and Environmental Development Affairs, 1994 – 1996.
- Head of the Department of Clinical Pathology, 1992-1994.
- Professor of Clinical Pathology, 1984 – 2006.



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- Assistant Professor, 1979 – 1984.
- Lecturer, 1974 – 1979.
- Assistant Lecturer, 1972 – 1974.
- Demonstrator, 1968 – 1972.

Thesis Title

Ph.D. "Hematological studies for the differential diagnosis between bovine, avian and human strains of tuberculosis in experimentally infected guinea pigs".

MVSc. "Hematological and biochemical studies on Fasciola infected buffaloes".

Areas of experience

- 1-Clinical pathology of different animals and poultry under experimental and spontaneous infections.
- 2-Studies associated with exposure to different environmental pollutants.
- 3-Molecular biology for identification of disease pathogens.
- 4- Use of herbs and medicinal plants for prophylaxis and treatment of diseased conditions.
- 5-Veterinary education and training.

Projects

Director of the Project "Establishment of Internal Quality Assurance System" at the Faculty of Veterinary Medicine, Cairo University (2004 - 2007).

Awards

Awarded Cairo University Valuation Reward in the field of interdisciplinary-multispeciality and future sciences (2008).

Professional Qualifications

Conferences

Attended and participated in the following conferences at home and abroad.

- 1- The International Scientific Conference of Pathology Department, Faculty of Veterinary Medicine, Cairo University (President of the session " Global Alliances in Veterinary Pathology Teaching, Diagnostics, and Research) (2013).
- 2- The International Scientific Conference on Camels, College of Agriculture and Veterinary Medicine, Qassim University, Kingdom of Saudi Arabia (2006).
- 3- The 3rd International Conference of Veterinary Research Division, National Research Center under the title "Veterinary Medicine and Common Zoonotic Diseases" (2006).
- 4- The 2nd International Conference of Veterinary Research Division, National Research Center titled



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“The Role of Veterinary Medicine in The Development of Livestock, Poultry and Fisheries” (2005).

5- The 1st Conference of Veterinary Research Division, National Research Center titled “The New Trend of Developing Animal and Fish Sources” (2004).

6- Animal Welfare Conference, Saleh Kamel Center, El-Azhar University, Egypt (2004).

7- The 2nd International Poultry Conference, Faculty of Veterinary Medicine, Al Baath University, Syria (2003).

8- The 7th Scientific Conference, Faculty of Veterinary Medicine, Cairo University titled “Modernization of Veterinary Education using Advanced Educational Technologies” (2003).

9- The 12th Conference of International Poultry Federation in association with The Egyptian Veterinary Poultry Association, Cairo (2002).

10- The 2nd International Scientific Conference, Faculty of Veterinary Medicine, Mansura University (2002).

11- Conference of The Arab Council for Graduate Studies and Scientific Research under the title “A safe Agricultural Production Strategy in The Arab World” (1999).

12- The Annual meeting of The American Veterinary Medical Association, California, USA (1985).

13- Continuous Veterinary Medical Education Conference, Cornell University, USA (1985).

Training courses

Laboratory Performance and Quality Assurance Course, Medical Technology Center for Research and Services, Medical Research Institute, Alexandria University (2009).

Computer Skills

Very good

Language Skills

Written and spoken English language - very good

Professional Memberships

1-President of the Committee of Veterinary Medicine Sector, Supreme Council of Universities, Egypt (2008- 2018).

Participated in studies included;

- Updating the academic standards for veterinary education.
- Development of a guideline for preparing study list for veterinary medical faculties' Bachelor's degree.
- New programs in the faculties of veterinary medicine.
- Clinical training in veterinary education.
- Professional skills record in veterinary education.
- Professional skills laboratories.

2-President of The General Assembly of Arab Colleges of Veterinary Medicine (2003 – 2004).

3- Secretary General of the Committee of Veterinary Medicine Sector, Supreme Council of Universities, Egypt (1999 - 2001). Took part in preparing a work paper titled “A future outlook on veterinary education in Egypt”, and a guide lines



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booklet for preparing curricula of veterinary medical faculties.

4-Chairman of the Academic Committee for Promoting Assistant Professors to Professors in Veterinary Pathology and Clinical Pathology, Supreme Council of Universities, Egypt (2004 -2008).

5-Member of the Committee of Veterinary Medicine Sector, Supreme Council of Universities, Egypt (1998-2006).

6-Member of the Academic Committee for promoting faculty members in Veterinary Pathology, Microbiology and Parasitology, Supreme Council of Universities, Egypt (2001- 2004).

7-Member of the Committee for promoting staff members of the Institute of Veterinary Sera and Vaccines (1997-2007).

8- Member of the Committee for promoting staff members of The General Authority for Veterinary Services, Ministry of Agriculture, Egypt (2000 -2004).

9-Member of Genetic Engineering Committee, National Council for Education, Academic Research and Technology, Specialized National Councils of Egypt (2002-2004). Participated in preparing a paper entitled "Genetically Modified Food".

10- Member of the Egyptian Veterinary Medical Society for Pathology and Clinical Pathology.

11- Member of the Egyptian Veterinary Medical Association.

Other activities

1- Teaching postgraduate courses of clinical pathology at the Faculty of Veterinary Medicine, Cairo University.

2- Taught undergraduate and postgraduate courses of clinical pathology in the faculties of veterinary medicine at Cairo, Alexandria, Zagazig, Suez Canal, Beni Suif, Kafr El-Sheikh and South Valley Universities.

3- External examiner for undergraduate and postgraduate students in veterinary clinical pathology at Cairo, Alexandria, Zagazig, Benha, Suez Canal, Beni Suif, Kafr El-Sheikh, Mansura, Sadat and South Valley Universities.

4- Published forty – four papers in the field of specialization at both national and international journals.

5- Supervised forty postgraduate students for Masters' and Ph. D. degrees at the faculties of veterinary medicine at Cairo, Beni Suif, Kafr El-Sheikh and South Valley Universities.

6- Member of the judgment and discussion committee for forty-five Masters' and Ph. D. dissertations at Cairo, Zagazig, Benha, Suez Canal, Beni Suif, Kafr El-Sheikh, Mansura and South Valley Universities.

7- Member of the judgment and discussion committee for two Masters' dissertations at the Faculty of Veterinary Medicine, Al-Fateh University, Libya (1993 and 1995).

8- Appointed as a coordinator of the Veterinary Medical Technicians Training Program held in the Faculty of Veterinary



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Medicine, Cairo University to a group of students from Sultanate of Oman (1992-1994).

9- Participated in the preparation of a presentation to The Council of Cairo University entitled "Status of application of the Credit Hours System at Faculties of Cairo University" (2004).

10 - Director of the Quality Assurance Unit, Faculty of Veterinary Medicine, Cairo University (2005 - 2007).

11- Evaluated and assessed three research projects submitted to the Grants Program, City of King Abdell Aziz for Sciences and Technology, Kingdom of Saudi Arabia (2001-2009).

ACADEMIC VISITS AND MISSIONS:

1- Faculty of Veterinary Medicine, Alexandria University, Egypt (2004) to attend the seventh meeting of The General Assembly of Arab Colleges of Veterinary Medicine. Gave presentations on self-study report and quality assurance project at The Faculty of Veterinary Medicine, Cairo University.

2- Faculty of Veterinary Medicine, Al Baath University, Syria (2003) to attend the six meeting of The General Assembly of Arab Colleges of Veterinary Medicine.

3- Faculty of Veterinary Medicine, University of Sciences and Technology, Erbid, Jordan (2001) to attend the fifth meeting of The General Assembly of Arab Colleges of Veterinary Medicine.

4- Faculty of Veterinary Medicine, King Faisal University, Kingdom of Saudi Arabia (2000) to attend the fourth meeting of The General Assembly of Arab Colleges of Veterinary Medicine. Presented a paper entitled "Animal Wealth in The Arab Nation".

5- Faculty of Veterinary Medicine, Al-Fateh University, Libya (1993) and (1995), member of the judgment and discussion committee for MVSc. Theses.

6- Scientific visit to the Veterinary Laboratory, Ministry of Agriculture and Animal Wealth, Al-Ein, The United Arab Emirates (1994).

7- Ministry of Animal Wealth, Sultanate of Oman (1994), (1997) and (1998), supervised clinical training of Omani students studying at the Faculty of Veterinary Medicine, Cairo University.

8- College of Veterinary Medicine, Cornell University, USA, postgraduate fellowship for ten months (1984 – 1985), worked on the metabolic consequences of neonatal enteric infection in calves and its relationship to fluid therapy.



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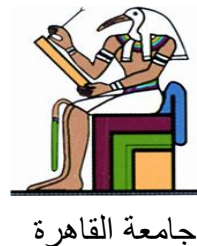
9- College of Veterinary Medicine, Washington State University, USA, postgraduate fellowship for twelve months (1977 – 1978), worked on diabetes mellitus of keeshond dogs.

List of publications

- 1) Hematological changes in turkey poultts naturally infected with *Mycoplasma meleagridis*. By M.I.Dessouky, Mohy Z.Sabry, and Amira H.Mohamed. 13th Arab Vet. Medical Congress: 195-204 Cairo (1976).
- 2) Some hematological and biochemical studies on fasciola infected buffaloes. By M.I.Dessouky and I.H.Moustafa. Assiut Vet.Med.J, 3(5): 179- 187 (1976).
- 3) Effect of prolonged administration of *Trigonella faenumgraecum* seeds on the body weight and some blood constituents of female albino rats. By A.Sharaf, M.I.Dessouky and A.A.El-Oseely. Assiut Vet.Med.J, 3(5): 45-50 (1976).
- 4) Hematological studies for differential diagnosis between the bovine, avian and human strains of tuberculosis in experimentally infected guinea pigs. By M.I.Dessouky and I.H.Moustafa. Assiut Vet.Med.J, 4(8): 81-88 (1977).
- 5) Some clinicopathological studies on guinea pigs infected with *Brucella abortus* strain 544. By H.A.Shehata, A.A.Hegazy, M.I.Dessouky, Samira El-Gibaly and Dawlat Amin. Assiut Vet.Med.J, 4(7): 53-61 (1977).
- 6) Hematological and histopathological studies on experimental infection of Egyptian cattle and buffaloes with contagious pleuro-pneumonia. By M.Z.Sabry, M.I.Dessouky, A.A.Hegazy and Basem A.Kamal. J.Egypt.Vet.Med.Assoc, 38(4): 98-106 (1978).
- 7) Leukogram of buffaloes as influenced by pregnancy, parturition and puerperium: Comparison of normal and abnormal events. By M.A.El-Fadaly and M.I.Dessouky. J.Egypt.Vet.Med.Assoc, 39(3): 203-219 (1979).
- 8) A study on somatic cells and some milk enzymes in subclinical mastitis in buffaloes and cows. By Amira H.Mohamed, M.Abdel-Ghani, A.A.Mohamed and M.I.Dessouky. Egypt. J. Dairy Sci, 8: 117-128 (1980).
- 9) Inherited, early onset, insulin-requiring diabetes mellitus of keeshond dogs. By John W.Kramer, S.Nottingham, J.Robinette, G.Lenz, S.Sylvester and M.I.Dessouky. Diabetes, 29(7): 558-565 (1980).
- 10) Contributors of alkaline phosphatase in milk of mastitic goats. By Amira H.Mohamed, M.I.Dessouky, M.Abdel-Ghani and A.M.Bakeer. Egypt.J.Dairy Sci, 9: 105-112 (1981).
- 11) Experimental klebsiella infection in baby chicks. By M.I.Dessouky, Ann Moursy, Zienab M.Niazi and. O.A.Abd-Alla. Arch.Geflugelk, 46: 145-150 (1982).
- 12) Studies on the immune mechanism of skin grafts in rabbits. By H.A.Shehata, A.A.Hegazy, L.S.Fahmy, M.I.Dessouky and M.O.Abd-El-Aal. Vet.Med.J, 30: 1-17 (1982).
- 13) Pathological and clinicopathological studies on chicken experimentally infected by avian tuberculosis. By Ann Moursy, W.M.Awad, M.I.Dessouky, E.N.A.El-Deeb and H.S.Ismail. Vet.Med.J, 31(2): 13-23 (1983).



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- 14) Cellular and serum chemistries of chicks during a short term feeding of a ration contaminated with *Aspergillus niger*. By M.A.Mohamed, M.I.Dessouky, B.M.Hussein, A.H.Mohamed and S.M. Sokkar. Arch.Geflugelk, 47(5): 177-181 (1983).
- 15) Effects of tobramycin sulfate on some hematological parameters and serum chemistries in albino rats. By M.Fayez, Hoda H.Ahmed and M.I.Dessouky. Vet.Med.J, 32(1): 119-126 (1984).
- 16) Hematological and biochemical changes in buffalo calves inoculated with *Sarcocysts fusiformis* from cats. By M.I.Dessouky, A.H.Mohamed, A.M.Nassar and M.Hilali. Veterinary Parasitology, 14:1-6 (1984).
- 17) Studies on blood cytology, serum enzymes and the histopathology of the liver in chicks fed dried *Senecio desfontainei*. By M.A.El-Sergany, Ann A.Morsy, M.I.Dessouky, Amira H.Mohamed and Asia M.El-Sawy. Arch.Geflugelk, 48(3): 77 - 80 (1984).
- 18) Clinicopathological and histopathological studies on guinea pigs experimentally Infected with atypical mycobacteria. By M.I.Dessouky, Ann Moursy, M.B.Samy, E.N.A.El-Deeb and H.Soufy. Egypt.J.Vet.Sci, 22(1): 99 - 106 (1985).
- 19) Studies on some blood and serum constituents in tuberculin negative and tuberculin positive cattle and buffaloes. By H.A.Shehata, M.I.Dessouky, Safaa Yassein and A.A.El-Sayed. Vet.Med.J, 35(2): 213 -224 (1987).
- 20) Changes of serum total lipids, cholesterol and high density lipoprotein cholesterol associated with fascioliasis in buffalo, and trypanosomiasis in camels. By M.I.Dessouky, Safaa Yassein and M.M. Bashandy. J.Egypt.Vet. Med. Assoc, 47(3): 599-606 (1987).
- 21) Experimental studies on the protective effect of L-cysteine against hepato- and nephro-toxicities induced by tetracycline in rats. By M.I.Dessouky, M.S.Arbid, Amina G. Hassanein, Somia A.Nada, Amira H. Mohamed, and M.S.Hanafy. Egypt.J.Comp.Path.and Clin.Path., 2(2): 203-221 (1989).
- 22) Effect of topical application of 17 Beta methazone valerate cream on blood constituents and the histopathology of tissues in rabbits. By Aly A.Hegazi, Amira H.Mohamed, Osama Abd-El-Aal, Nariman A.Rahmy, Afaf S.Fahmy and M.I.Dessouky. Egypt.J.Comp.Path. and Clin.Path., 2(2): 165-181 (1989).
- 23) Serum biochemical changes associated with bacterial diarrhoea in neonatal buffalo calves. By Ahmed A.R., H.M.El-Hindi, S.Nakashly and M.I.Dessouky. Egypt.J.Comp. Path.and Clin.Path., 3(2): 237-247 (1990).
- 24) Hematological and serum biochemical profiles in experimental fascioliasis in sheep. By M.M.Bashandy, Safaa Yassein, M.M.Lotfy, M.El-Bahi, Amira H. Mohamed and M.I.Dessouky. Egypt.J.Comp.Path. and Clin.Path., 3(2): 357-374 (1990).
- 25) Evaluation of an attenuated bovine virus diarrhoea-mucosal disease vaccine in cattle: Pathological and immunofluorescence studies. By S.Zeidan, A.M.Bakeer, A.Agag, T.I.Baz and M.I.Dessouky. Beni-Suif Vet.Med.Res., 1(2): 311-322 (1991).
- 26) Rifampicin toxicity and its prevention. By M.I.Dessouky, Amira H.Mohamed, M.S.M.Hanafy and Sahar A.Omran. Beni-Suif Vet.Med.Res., 2(1): 262- 269 (1992).



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- 27) Toxicological effects of paracetamol-rifampicin combined treatment. By M.I.Dessouky, Amira H.Mohamed, M.S.M.Hanafy, M.M.Bashandy and Sahar A.Omran. Beni-Suif Vet.Med.Res., 2(2): 249-256 (1992).
- 28) Effect of repeated administration of low dose of copper sulphate on body weight gain, blood picture and serum constituents in chickens. By H.Helmy, M.B.El-Begawy, M.I.Dessouky and S.Deeb. Beni-Suif Vet.Med.Res., 4 (1/2): 400-411 (1994).
- 29) Clinicopathological studies on the protective effect of L-Phenyl- alanine against experimental ochratoxicosis in rats. By Somia A.Nada, M.S.Arbid, Amira H.Mohamed, M.S.Hanafy, M.M. EL-Mahdy, R.R.Marquardt and M.I.Dessouky. Egypt.J.Comp.Path.and Clin.Path., 8(1): 57-72 (1995).
- 30) Studies on chromosomal aberrations in a group of infertile horses. By Karima F. Mahrous, I.M.Farag and M.I.Dessouky. J.Egypt.Ger.Soc.Zool., 18(C), Histology and Histochemistry: 33-43 (1995).
- 31) Serum biochemical and histopathological changes associated with repeated exposure of rats to thiodicarb insecticide. By Nariman.A.R, Ahmed, A.R., Amira.H.M. and Dessouky M.I. Egypt.J.Comp.Path.and Clin.Path., 8(2): 79-85 (1995).
- 32) Studies on blood and genital organs of she-camels (Camillus dromedaries) having non functioning ovaries. By Ahmed W.M., Bashandy M.A., Omar M.A., Emtenan M.H. and Dessouky M.I. Egypt. J.Comp.Path. and Clin.Path., 13(1): 201-209 (2000).
- 33) Some clinicopathological studies on chickens experimentally infected with adenovirus. By Nada A.A., Amina A.M. Nawwar and Dessouky M.I. Egypt. J.Comp.Path.and Clin. Path., 15(2): 167- 186 (2002).
- 34) Clinicopathological and histopathological studies in goats fed on Atriplex halimus raised in the Egyptian desert. By Soad M.Nasr, E.A.Ibrahim, A.Bakeer and M.I.Dessouky. Int. Symp. On Optimum Resources Utilization in Salt-Affected Ecosystems in Arid and Semi Arid Regions. Cairo 8-11 April: 515-525 (2002).
- 35) Alteration of blood components and histopathological studies in goats fed on Acacia saligna raised in Egyptian desert. By Soad M.Nasr, E.A.Ibrahim, A.Bakeer and M.I.Dessouky. Faculty of Veterinary Medicine, Zagazig University Sixth Conference, Hurghada: 7-9 September (2002).
- 36) Evaluation of polymerase chain reaction (PCR) for the diagnosis of brucellosis in experimental animals. By Nashwa M. Helmy, Hafez M.A., Dessouky M.I. and Montasser A.M. Egypt.J.Comp.Path.and Clin. Path., 18(1): 17-28 (2005).
- 37) Susceptibility of neonate mice born to Schistosoma mansoni-infected and noninfected mothers to subsequent S. mansoni infection. By A.M.Attallah, Aymn T. Abbas, Mohamed I. Dessouky, Hoda M.El-emshaty and Hany M.Elsheikha. Parasitol Res., 19: 137-145 (2006).
- 38) Studies on the hemogram and blood biochemical constituents in camel in health and disease (Review article). By Mohamed I. Dessouky. International Scientific Conference On Camels. College of Agriculture and Veterinary Medicine, Qassim University, Kingdom of Saudi Arabia, 9-12 May (2006).
- 39) Randa, A. Hassan; Dawlat M. Amin; Nariman A. Rahmy; Hatem, M.E. and Dessouky, M.I. "Clinicopathological,



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histopathological and immunological studies on animals exposed to lead and cadmium under experimental conditions". New York Science Journal, 5(12): 120-136 (2012).

40) Atef, M. Khalil; Masahiro Yasuda; Ayman S. Farid; Mohamed I. Dessouky; Mouchira Mohammed Mohi-Eldin, Mohie Haridy and Yoichiro Horii. "Immunomodulatory and antiparasitic effects of garlic extract on Eimeria vermiformis-infected mice". Parasitology Research, 114: 2735- 2742 (2015).

41) Waleed Abu El Hammed; Hamdy Soufy; Ahmed El-Shemy; Soad M. Nasr; Mohamed I Dessouky "Use of allicin as feed additive to enhance vaccination capacity of Clostridium perfringens toxoid in rabbits". Vaccine, 34 (17): 2000-2007 (2016).

42) Khalil AM, Yasuda M, Desouky MI, Horii Y. "Effect of Garlic Extract Treatment on the Expression of CD8+ and/or $\gamma\delta$ T Cells Receptors in the Intraepithelial Lymphocytes in Eimeria Vermiformis-Infected Mice". Biomark Applic, 4:137 (2019): DOI: 10.29011/2576-9588.100037

43) Waleed Abu El Hammed, Hamdy Soufy, A. EL-Shemy, Soad M. Nasr and Mohamed I. Dessouky . "Treatment Effect of Oregano Essential Oil in Broiler Chickens Experimentally Infected with Avian Pathogenic *Escherichia coli* O27 with Emphasis on Hemogram, Serum Biochemistry, and Histopathology of Vital Organs" *Egypt. J. Chem.*, 64 (10): 6105 – 6122 (2021).

44) Waleed Abu El-Hammed, Hamdy Soufy, A. El-Shemy, Soad M. Nasr and Mohamed I. Dessouky "Isolation and Molecular Identification of Avian Pathogenic *Escherichia coli* in Broiler Chickens Suffering from Colibacillosis in some Governorates in Egypt". *Egypt. J. Vet. Sci.*, 53 (1): 31- 41 (2022)

Publications statistic

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
30	10	3	1	1	40	3	44