

CURRICULUM VITAE

Name:-

Ashraf Ali El-Desoky Shamaa
Professor of Surgery, Anesthesiology & Radiology.
Head of Dept. of Surgery, Anesthesiology &
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Faculty of Vet. Med.
Cairo University.



Personal Information:

Date of Birth: 9 March 1961.
Place of Birth: Cairo, Egypt.
Nationality: Egyptian.
Marital Status: Married.
Number of children: 1 child.

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Degree	Area of specialization	Institution	Date
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B.V.Sc	Veterinary Medicine	Faculty of Vet. Medicine Cairo University	May 1984
MD. Vet.	Veterinary Surgery, Radiology anesthesiology	Faculty of Vet. Medicine Cairo University	11/5/1988
Ph. D.	Veterinary Surgery, Radiology anesthesiology	Faculty of Vet. Medicine Cairo University	30/3/1994
Assistant prof.	Veterinary Surgery, Radiology anesthesiology	Faculty of Vet. Medicine Cairo University	23/2/2000
Professor	Veterinary Surgery, Radiology anesthesiology	Faculty of Vet. Medicine Cairo University	23/2/2005

Employment:

1984 to 1988 31/10/1984	Demonstrator of Vet. Surgery, Radiology & Anaesthesiology. Faculty of Vet. Med. Cairo University.
1988 to 1994 12/6/1988	Assistant Lecturer of Vet. Surgery, Radiology & Anaesthesiology. Faculty of Vet. Med. Cairo University.
1994 to 2000 30/3/1994	Lecturer of Vet. Surgery, Radiology & Anaesthesiology. Faculty of Vet. Med. Cairo University.
2000 to 2005 23/2/2000	Assistant Professor of Vet. Surgery, Radiology & Anaesthesiology. Faculty of Vet. Med. Cairo University.
2004 - 2006	Supervised Assistant Scientific Societies, Faculty of Veterinary Medicine, Cairo University
2006-2007	Assistant coordinator of Scientific Society of Faculty of Veterinary Medicine, Cairo University.
2005 to Current	Professor of Vet. Surgery, Radiology & Anaesthesiology. Faculty of Vet. Med. Cairo University.
2010-2012	Member of the Cultural Relations Committee - Faculty of Veterinary Medicine, Cairo University
2010-2012	Member of the research plan committee - Faculty of Veterinary Medicine, Cairo University for the period between 2011 to 2016.
2010 to 201 ^۳	Director of the Crisis and Disaster Unit, Faculty of Vet. Med. Cairo University.
2010 to 2013	Coordinator of the standard of scientific research and other scientific activities of Faculty of Vet. Med. Cairo University.
2010 to 2013	Member in Committee on therapeutic convoys, Faculty of Vet. Med. Cairo University.
2012-2014	Coordinator of the standard of scientific research of Surgery Department, Faculty of Vet. Med. Cairo University
2012-2015	Member of the Permanent Scientific Committee to promote the professors and associate professors.
2015-till now	Member of the Cultural Relations Committee - Faculty of

	Veterinary Medicine, Cairo University
2015-till now	Member of the Graduate Studies and Research Committee- Faculty of Veterinary Medicine, Cairo University
2015-till now	Member of the Service and Environment Development Committee- Faculty of Veterinary Medicine, Cairo University
2015 till now	Head of Department of Surgery, Anaesthesiology & Radiology .

Memberships:-

- 1. Member of the Committee to review the credibility of the research faculty and research to determine the authenticity of the Faculty of Veterinary Medicine, Cairo University, according to the decision of the Faculty Board on 20/3/2012**
- 2. Member of the Technical Office, Faculty of Veterinary Medicine, Cairo University, according to the decision of the Faculty Board on 17/1/2012.**
- 3. Member of the ministerial committee specialized in the field of horses to accomplish certain tasks Zahra Station for breeding Arabian Horses Ministerial Resolution No. 546 in 2012 to form a committee on 11/4/2012**
- 4. An internal auditor for the faculties of the University of Cairo**
- 5. Member of Scientific Committee for Equine health in Egypt 2014-2015.**
- 6. Member of Institutional Animal Care and Use Committee (IACUC) Faculty of Science-Cairo University 12/2014till now.**
- 7. The medical committee in charge of the college dated 3/5/2016 in order to find out the reasons for the high rates of humor in Al-Mahari in Zahra Station for breeding**
- 8. Alton dad and actively participated initle international kshep With DADD Sharel in the steady multidciplinary selectors commiltee of GERSS program. 2016-2017 in 24-25 May 2017. "**

Membership in Scientific Organizations:-

- 1- Egyptian Vet. Med. Association.
- 2- Egyptian Society of Experimental Surgery (ESES)
- 3- International Buffalo Society.
- 4- Egyptian Society of Camel Development.
- 5- Egyptian Veterinary Syndicate.
- 6- Germany Veterinary Syndicate.
- 7- The Egyptian German Society of Zoology

Languages :

Language	Speaking	Writing
Arabic	Excellent (Mother tongue)	Excellent
English	Very good	Very good
Deutsch	good	Good

Computer Skills:

ICDL (Win, Word, Excel, PowerPoint, Access, Outlook, Internet and It) certificated 2011

Scholarship:-

1991 – 1993: Deutsch-Egypt channel system, Justus Liebig University, Giessen, Germany.

Education Quality Activity:

- 1- Lecturer & Trainer for Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage for post-graduates and staff. Center for Quality Assurance and Accreditation - Cairo University 21/1/2015.
- 2- Lecturer & Trainer for Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage for post-graduates and staff. Center for Quality Assurance and Accreditation - Cairo University 29-30/12/2015.
- 3- Lecturer & Trainer for Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage for post-graduates and staff. Center for Quality Assurance and Accreditation - Cairo University 29-30/12/2016.
- 4- Lecturer & Trainer for Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage for post-graduates and staff. Center for Quality Assurance and Accreditation - Cairo University 17/1/2018.

Participation in National and International Professional Meetings and Events: -

Date	Professional Organization Attended	Location
1994 22-24/3	The third scientific congress of Faculty of Vet. Medicine, Cairo University. Participation (3 papers)	Faculty of Veterinary Medicine Cairo University
1994	National Agriculture Research Projects "NARP"	International Agricultural

	Congress. Accomplishments of the Project "Epidemiology, Clinical and Pathological studies on some Camel Diseases". December Participation	Center. Cairo
1995	The Second Conference for Research: - 1-Projects in Cairo University "Epidemiology, Clinical and Pathological studies on some Camel Diseases" 2- Projects in Cairo University "Studies on Urolithiasis including the clinical, pathological studies and Nutritional effect". Participation	International Agricultural Center. Cairo
1995 4-5/10	The Eight Scientific congress of Cairo under name "Arabian Horses". Participation	Cairo
1996 3-6/4	The Fourth scientific congress of Faculty of Vet. Medicine, Cairo University. Participation (2 papers) & Member of organization committee.	Faculty of Veterinary Medicine Cairo University
1996	Training course and workshop. Basic principles of endoscope. (March). Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
1996	Training course and workshop. Basic principles of Vascular Surgery. (April). Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
1996	Training course and workshop. Basic principles of Cosmetics Surgery. (April). Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
1996 14-19/11	Training course and workshop. Tripartite hands on laparo-endoscopic. (Aarhus University Denmark, Menoufiya University Egypt and Tufts University USA). Participation & Trainer.	Faculty of Veterinary Medicine Cairo University
1996	Training course and workshop. Basic principles of Fracture treatment. Lecturer & Trainer	Imbaba Veterinary Training Center
1997 5-7/5	Workshop of Processing Research Projects. Participation.	Cairo University Center of Nursing and its development
1997 9-22/8	Training Course of Auto Suture. Lecturer and Trainer	Faculty of Veterinary Medicine Cairo University
1997	The Third Scientific Congress of the Academy of Scientific Research and Technology. Participation.	Academy of Science, Cairo
1998 10-12/3	3 rd International Congress of Ultrasonography. Participation.	Cairo University In Collaboration with Hannover University-Germany
1998 2-3/5	The Third Meeting of general Assembly under Arid Zones circumstances.	El- Ein Emirates
1998	The 5Th scientific congress of Faculty of Vet. Medicine,	Faculty of Veterinary Medicine Cairo

	Cairo University Participation (1 paper) & Member of organization committee.	University
1998-2000	Continuous Education program. Training course and workshop. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Abasea Hospital Veterinary Training Center
1999 23/5	Conference On Biological Products for The 21 st Century: Future of Serum and Vaccine Industry. Participation	Cairo University Future Research and Study Center
1999 24-27/5	FAO-DRC Workshop on Livestock and Drought: Policies for Coping with Changes. Participation. 1Paper	Animal & Poultry Production Desert Research Center Cairo
2000 29-31/10	The six scientific congress of Faculty of Vet. Medicine, Cairo University. Participation. (1 paper) & Member of organization committee.	Faculty of Veterinary Medicine Cairo University
2000 11-12/5	The Second International Congress for the Reproductive Health. Participation & Member of organization committee.	Faculty of Medicine Cairo University
2000-2002	Continuous Education program. (with Ministry of Health) Training course and workshop. Trainer Basic & advanced principles of Surgery.	Faculty of Veterinary Medicine Cairo University
2001 10-15/2	Training course and workshop for Cattle & Buffalo surgery. Basic & advanced principles of Veterinary Surgery. Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
2001 19/5-21/6	Continuous Education program. Training course and workshop. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Faculty of Veterinary Medicine Cairo University
2001 7-9/4	Conference about "The Future of the Blood Transfusion Therapy and Components Industry in Egypt. Participation.	Cairo University Future Research and Study Center
2001 20-25/10	Training course and workshop for Equine surgery. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Analysis Center of Applied Veterinary Studies Faculty of Veterinary Medicine Cairo University
2002 16-21/6	Continuous Education program. Training course and workshop. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Abasea Veterinary Training Center & Hospital
2002 15-27/6	Training course for Pet animal's surgery (Bone surgery and Diagnostic image). Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
2003	Special Training Courses for veterinary doctor's. In between Faculty of Veterinary medicine, Cairo University and Minister of Defense and police. (Surgery, Anesthesia and Diagnostic image). Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
2003	The Annual International World Champion Ship and	Paris

29/11-5/12	Meeting of Equine in Paris.	
2004 29-31/10	The seventh scientific congress of Faculty of Vet. Medicine, Cairo University. Participation (1 paper) & Member of organization committee.	Faculty of Veterinary Medicine Cairo University
2004 4-10/12	The Annual International World Championship and Meeting of Equine in Paris. Participation.	Paris
2005 20-25/10	Training course and workshop for Equine surgery. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Analysis Center of Applied Veterinary Studies. Faculty of Veterinary Medicine Cairo University
2006 5/2-18/2	Training course for Nursing, Nutrition and Surgical problems of large animals (Equine, Cattle & Camel). Lecturer & Trainer	Analysis Center of Applied Veterinary Studies. Faculty of Veterinary Medicine Cairo University
2006 15-18/3	Training course and workshop for Equine joint diseases.	Dubai Emirates state
2006 26-30/3	Training course and workshop for Equine surgery. Lecturer & Trainer Basic & advanced principles of Veterinary Surgery.	Analysis Center of Applied Veterinary Studies. Faculty of Veterinary Medicine Cairo University
2006 3/11- ⁹ /12	The Annual International World Champion Ship and Meeting of Equine in Paris. Participation.	Pais
2007 18-20/3	Dubai International Horse Fair	Dubai International convention and Exhibition center
2007 25-28/4	The 9th scientific conference of Faculty of Vet. Medicine, Cairo University (1st international). Participation & Member of organization committee.	Faculty of Veterinary Medicine Cairo University (SHARM ELSHEIKH)
2007 3-5/5	Third international conference for scientific Research & its applications. Participation & Member of organization committee.	Cairo University
2007 20-25/10	Training course and workshop for Equine surgery. Basic & advanced principles of Veterinary Surgery. Lecturer & Trainer	Analysis Center of Applied Veterinary Studies. Faculty of Veterinary Medicine Cairo University
2007 3-9/12	The Annual International World Championship and Meeting of Equine in Paris. Participation	Paris
2008 23-25/11	13 th Scientific congress- Faculty of Veterinary Medicine Assiut University. Participation	Assiut University
2009 3-9/12	The Annual International World Champion Ship and Meeting of Equine in Paris. Participation	Paris
2009	The 10th scientific conference of Faculty of Vet.	Faculty of Veterinary Medicine Cairo

19-22/10	Medicine, Cairo University (2 nd international). Participation & Member of organization committee.	University (HURGHADA)
2009 15-19/11	National Authority for Quality Assurance and Accreditation of Education The first part of the cycle auditors' breakers Course of higher education institutions. Participation	Center for Quality Assurance and Accreditation - Cairo University
2009 13-17/12	National Authority for Quality Assurance and Accreditation of Education Second part of the cycle auditors breakers Course of higher education institutions. Participation	Center for Quality Assurance and Accreditation - Cairo University
2010 1-3/2	VIV India 2010	Bangalore International Exhibition Centre Indian
2010 22-25/3	Continuous Education program. (with Intercofa Company) Training course and workshop. Trainer Basic & advanced principles of Equine Medicine.	Sharm Elsheikh
2010 18-20/3	Dubai International Horse Fair	Dubai International convention and Exhibition center
2010 8-10/4	The Egyptian National Arabian Horse Championship	Sakara Egyptian Arabian Horse Breeders Association
2010 7-9/6	National Authority for Quality Assurance and Accreditation of Education Intensive Course of the external auditors - Institutions of Higher Education. Participation	National Authority for Quality Assurance and Accreditation of Education
2010 5-7/7	Recent trends in teaching. Participation	Development Center of faculty members - Cairo University
2010 13-16/12	First International Forum for Scientific Research, Cairo University	Cairo University
2011 4 - 6/2	XVII SIVE International Congress Participation. (1 paper)	Palacongressi d' Abruzzo Montesilvano (PE) - ITALY.
2011 4/4	Workshop numbers Alngdi feedback questionnaire and analysis Statistical data. Participation	Center for Quality Assurance and Accreditation - Cairo University
2011 17-21 /4	Specialized training session in applied field of horses Lecturer & Trainer	Analysis Center of Applied Veterinary Studies. Faculty of Veterinary Medicine Cairo University
2011 9/5	Workshop Rating institutional and continuing the educational process. Participation	Center for Quality Assurance and Accreditation - Cairo University
2011 11/5	Workshop field visit for the adoption of educational institutions. Participation	Center for Quality Assurance and Accreditation - Cairo University

2011 15-18/5	The 11th scientific conference of Faculty of Vet. Medicine, Cairo University (3 rd international). Participation & Member of organization committee.(1 paper)	Faculty of Veterinary Medicine Cairo University (HURGHADA)
2011 29/5	Workshop "The role of parties in the communal quality of higher education". Participation.	Cairo University and the National Authority for Education Quality Assurance and Accreditation – College of Oral Medicine and Dentistry
2011 17-21 /7	Principles of diagnostic ultrasound Lecturer & Trainer	Analysis Center of Applied Veterinary Studies . Faculty of Veterinary Medicine Cairo University
2011 25-29 /9	Applied Professional Training Course in horses Lecturer & Trainer Surgical interventions in the horse farms - the basics in emergency surgery	Analysis Center of Applied Veterinary Studies . Faculty of Veterinary Medicine Cairo University
2011 /11	29 th Veterinary Medical Congress. Participation and Chairman of Scientific session.	International Agricultural Center. Cairo
2011 26/12	Training Course: Criteria for self-study and the annual report of the institution of 26/12/2011	Center for Quality Assurance and Accreditation - Cairo University
2012-08-09 2/1	Training Course: academic standards of the academic program on 2/1/2012	Center for Quality Assurance and Accreditation - Cairo University
2012 18/1	CA seminar "Companion Animal Vision & Main Problems Solutions"	Pfizer Animal Health Sofitel Al Geziera, Cairo
2012 2	First Aid Seminar Faculty of Veterinary medicine, Cairo university Lecturer & Trainer	Faculty of Veterinary Medicine Cairo University
2012 3-5/4	Training Course: Examination & student Evaluation Technique 3-5/4/2012	Faculty and leadership Development center
2012 25/11	Ethics in Science by Dr. Tarek Tawfik-DAAD	Department of Zoology Faculty of Science Cairo University
2013 25-27/4	The International Scientific Conference of Pathology Department	Cairo, Egypt
2013 19-21/8	International Conference and Exhibition on Orthopedics & Rheumatology" (Orthopedics & Rheumatology-2013) Speaker	Las Vegas USA
2013 22-23/11	International conference for molecular biology and stem cell. Chairperson in session & reviewer	Ein Shams University
2013 26/9	Workshop "The Crisis Unit and the Disaster"	Faculty of Science Cairo University
2014 21-22/5	International conference for molecular biology and stem cell	Faculty of Agriculture – Cairo University
2014	2nd International Conference and Exhibition on Physical	Baltimore,

14-16/7	Medicine & Rehabilitation	USA.
2014 28-30/7	3 rd International Conference of Orthopedics & Rheumatology" (Orthopedics & Rheumatology-2014) speaker	Burlingame, San Francisco.USA
2014 3/8-3/9	Training course for "clinical diagnostics to work veterinary clinics" for Saudian Veterinarian Lecturer & Trainer	General Organization of Veterinary Services
2014 19-21/ 8	The 2nd International Conference and Exhibition on Orthopedics & Rheumatology, Speaker, published paper	Embassy Suites Las Vegas, NV, USA
2014 9/9	Parasitic Infection in Equine.By Zoetis.	Cairo, Egypt
2014 13-15/11	International Conference: Challenges in Poultry industry (Between reality and expectation. ICCPI-VHM-CU-Egypt.	Elein Elsokna, Egypt.
2015 21/1	Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage. Lecturer & Trainer	Center for Quality Assurance and Accreditation - Cairo University
2015 26-27/4	Continuous Education program. (with General Organization of Veterinary Services GOVS) Training course. Trainer Basic & advanced principles of Equine Surgery.	General Organization of Veterinary Services
2016 1-5/2	The 13th scientific conference of Faculty of Vet. Medicine, Cairo University (3nd international). "النقاط الساخنة في الطب البيطري"	Faculty of Veterinary Medicine Cairo University
2016 23/4	Workshop "Ethical guidelines for the care and use of animals in education and scientific research". Participation	Cairo University
20017 4-7/4	The 9 th scientific conference Sadat City University (Toward Improvement of Veterinary Medical Services to Combat Future Challenges)	Aida Beach Hotel North Coast
2017 8-13/4	Training Course (TOT) Training of trainers in the Care and use of animals in research	Cairo University
2017 8/10	Awarding (10 th Anniversary of the Co-Financed Programmes GERLS and GERSS -DAAD	Marriot Hotel Zamalek
2018 17/1	Training course and workshop for Quality Assurance and Accreditation regulations for Scientific Research in collage. Lecturer & Trainer	Center for Quality Assurance and Accreditation - Cairo University

Arbitration

Scientific research for MSD & PhD

1-Arbitration Scientific search (PhD Degree)" Evaluation of some anesthetic Techniques in Pet animals under Local Circumstances" Faculty of Veterinary Medicine Cairo University 4/2000

- 2-Arbitration Scientific research (MSD Degree):"Osteochondral Transplantation for Repair of joint defects in Equine " Faculty of Veterinary Medicine Cairo University 1/2006
- 3- Arbitration Scientific research (PhD Degree)" Clinical and experimental studies on the coxofemoral joint in dogs" Faculty of Veterinary Medicine Cairo University 12/2011.
- 4-Arbitration scientific research of Mohammed Said Mustafa Amer in 15/3/2012 for PhD Degree, Faculty of Veterinary Medicine - Cairo University.
- 5-Arbitration Scientific research (MSD Degree):"Studies on some orthopedic affections of some pelvic limb in dogs and cats" Faculty of Veterinary Medicine Cairo University 12/2013.
- 6- Arbitration Scientific research (MS Degree Ibrahim Abdalla):" Healing of femoral bone defect following implantation of amniotic scaffold seeded with mesenchymal stem cells in dogs " Faculty of Veterinary Medicine Cairo University 8/2014.
- 7-Arbitration Scientific research (MS Degree Omima Hagag):" Mesenchymal stem cells in bone healing of segmental femoral bone defect in a canine model " Faculty of Veterinary Medicine Cairo University 1/2015.
- 8-Arbitration Scientific research (Ph Degree Doaa Elgohary):" Design and Production of Textile Meshes for Heart Muscle Reinforcement (An Application Study on Animal)" Faculty of **الغنون التطبيقية جامعة حلوان** University 26/10/2015.
- 9-Arbitration Scientific research (MS Degree Mostafa Younis Aly):" STUDIES ON DIFFERENT SURGICAL INTERFERENCES OF THE GENITAL SYSTEM OF BITCHES AND QUEENS" " Faculty of Veterinary Medicine Cairo University 5/8/2015.
- 10-Arbitration Scientific research (Ph Degree Hoda Elkhenany):" Effect of dult mesenchymal stem cells on bone healing in animal model" Faculty of Veterinary Medicine Alex University 26/10/2015.
- 11-Arbitration Scientific research (Ph Degree Marwa Hamdy):" Role of hepatocyte differentiated mesenchymal stem cells in treatment of experimentally induced canine liver cirrhosis " Faculty of Veterinary Medicine Cairo University 27/12/2015.
- 12-Arbitration Scientific research (MS Degree Khaled Adelaziz Kosrof):" Use of Aquapuncture for diagnosis and treatment of equine lameness" Faculty of Veterinary Medicine Assiut University 12/2015.
- 13-Arbitration Scientific research (MS Degree Ahmed Raft Biomy): " .Studies on Ultrasonographic imaging of equine eyes " Faculty of Veterinary Medicine Sadat City University 11/3/2017
- 14-Arbitration Scientific research (Ph Degree Hosam Eldean Mostafa Mohamed):" studies on biostimulation of soft and hard tissue healing " Faculty of Veterinary Medicine Cairo University 20/7/2017.
- 15-Arbitration Scientific research (MS Degree Omnia Mohamed Azzam) "*Evaluation of Mesenchymal Stem Cell-Derived Microvesicles on Wound Healing in Dog*s" Faculty of Veterinary Medicine Cairo University 13/1/2018.
- 16-Arbitration Scientific research (Ph Degree Mohamed Ali Azeb):" Bio-localization of Mesenchymal Stem Cells Administered by Two Delivery Mechanisms in a Canine Renal Model " Faculty of Veterinary Medicine Daminhour University 13/2/2018.

17- Arbitration Scientific research (MS Degree Ahmed Elfadadny) " *ENDOSCOPIC DIAGNOSIS AND TREATMENT OF GASTRIC ULCER IN DOGS* " Faculty of Veterinary Medicine Damanhur University 31/4/2018.

18- Arbitration Scientific research (MS Degree Mahmud Salm) "*Management of Cattle papillomas in New Valley*" Faculty of Veterinary Medicine Assiut University 8/5/2018.

19-Arbitration Scientific research (MS Degree Mohamed Abd Elkawi Ali): "*Surgical Management of tibial bone defects in dogs using some bone graft substitutes : An Experimental study* " Faculty of Veterinary Medicine Sadat City University 18/6/2018

Journals & Conference

1- Arbitration Scientific research "Clinical and myelographic interpretations of some spinal disorders in dogs" for journal of Egyptian veterinary medical association 9/2010

2-Conference of Veterinary Medicine and Twenty Ninth Arab November 28 to 30, 2011. Chair Scientific Conference on 29/11/2011.

3-Arbitration Scientific research" Contribution to some surgical affections among livestock in Halaieb, Shalateen and Abou-Ramad areas" For Egyptian veterinary medical association 29th Arab veterinary medical Congress 28-30/11/2012.

4- Arbitration research to Veterinary Medical Association Journal 2012 second Issue "Gross and radiographic appearance of the diaphysical nutrient foramina of the proximal phalanx in donkeys."

5-Arbitration research to Veterinary Medical Association Journal 2012 Third Issue "Ultrasonography as a useful manage mental tool in diagnosis of early pregnancy as compared with progesterone profiles, embryonal and fetal development and fetal sex determination in sheep. "

6- Reviewer for veterinary Radiology & ultrasound – (ID: VRU-09-12-157.R1) Wiley Online Library (Evaluating Manuscript "Ultrasonographic study on cervical mucocele in dogs" 29-Oct-2012)

7- Member of scientific committee of International conference for molecular biology and stem cell 22-23 May 2013.

Evaluate: - 1. Stem cells in medicine filed.

2. Differentiation of Umbilical Cord Blood Stem Cells along Hepatocyte Lineage

3. Therapeutic role of Mesenchymal Stem Cells in Methotrexate-Induced Hepatotoxicity in Adult Albino Rats: A Morphological and Histochemical Study

4. The impact of Myostatin deletion on skeletal muscle stem cells proliferation and differentiation

8 – Chairman scientific section (25/4/2013) in "The First International Conference of Veterinary Pathology Department 25 to 27 April, 2013.

9 - Chairman of Scientific section (A on 22/5/2013) in "International conference for molecular biology and stem cell" 22-23 May 2013.

10- Arbitration research to International journal Veterinary medicine 2015, 2016

- IJVSM_2015_19,
- IJVSM_2016_17,
- IJVSM_2016_85.

11-Arbitration research to Veterinary Medical Association Journal 2015 " Effects of Adipose Derived Mesenchymal Stem Cells on Cutaneous Wound Healing: Clinical Evaluation"

12 - Arbitration research to Veterinary Medical Association Journal 2016 " Standard Surgical and Calcium Chloride (Chemical) Neutering Techniques in Male Dogs: Comparative study. 5/2016"

13- Arbitration research to Journal of Equine veterinary science 2017 " Enhancement of equid distal limb wounds healing by topical application of silver nanoparticles. JEVS_2017_221.

Scientific research for assistant professor & professor

- 1- Assess the overall scientific production of Mohammed Tharwat Abdalla in 15/4/2012, Faculty of Veterinary Medicine - Elkasem University-Saudi Arabian for the assistant Professor Degree.(2013)
- 2- Assess the overall scientific production for promotion of Dr. / Essam Mesbah at the behest of the Standing Scientific Committee 104 to promote the professors and assistant professors 2013-2015 (2015)
- 3- Assess the overall scientific production for promotion of Dr. / Adel Mohamed Ahmed El Akraa at the behest of the Standing Scientific Committee 104 to promote the professors and assistant professors 2013-2015 for the Professor Degree.(2015)
- 4- Assess the overall scientific production for promotion of Dr. / Alaae Gahzy at the behest of the Standing Scientific Committee to promote the professors and assistant professors 2016-2019 for the assistant Professor (201^V) -10/3/2017
- 5-Assess the overall scientific production for promotion of Dr. / Ahmed Mohamed Abd-Elstar Sharshr at the behest of the Standing Scientific Committee to promote the professors and assistant professors 2016-2019 for the assistant Professor (2018) -13/3/2018

scientific researches for Grant

- 1- Evaluating the application and interviewing the candidates applied for the GERSS program spring call 2012-2013-DAAD
- 2- Reviewer for Ministry of Higher Education the sector of cultural affairs and missions. Missions call 2012/2013. Pre-selection Evaluator (In the 2007-2012 five-year plan).
- 3- Evaluating the application and interviewing the candidates applied for the GERSS program Autumn call 2013-2014 The German Egyptian Research Short Term Scholarship GERSS.DAAD.
- 4- Evaluating the application and interviewing the candidates applied for the GERLS program call 2014-2015. The German Egyptian Research Long term Scholarship GERLS. DAAD

- 5- Evaluating and interviewing the candidates applied for conversion the GERLS program 2015. The German Egyptian Research Long term Scholarship GERLS. DAAD
- 6- Evaluating the application and interviewing the candidates applied for the GERSS program Autumn call 2014-2015 The German Egyptian Research Short Term Scholarship GERSS.DAAD.
- 7-Evaluating the application and interviewing the candidates applied for the GERSS program Spring call 2015-2016 The German Egyptian Research Short Term Scholarship GERSS.DAAD.
- 8-Reviewer for Ministry of Higher Education the sector of cultural affairs and missions. Missions call 2015/2016. Pre-selection Evaluator for short-term protocol.
- 8-Evaluating the application and interviewing the candidates applied for the GERSS program -Multidisciplinary selection committee 28-March 2017.
- 9- Evaluation of Scientific Researches submitted to the scientific project of South Valley University at the behest of Vice President of South Valley University for Graduate Studies and Researches 2017.
- 10- Evaluation of Scientific Researches submitted to the scientific project of South Valley University at the behest of Vice President of South Valley University for Graduate Studies and Researches 2018. (Evaluation of the cellular and immunological effects of natural Non- Conventional Materials from Local Environment in Wound Healing

Award

- 1- Evaluation of Scientific Researches submitted to the scientific excellence Award of Mansoura University for the academic year 2013-2014 at the behest of Vice President of Mansoura University for Graduate Studies and Researches 2014.
- 2- Evaluation of Scientific Researches submitted to Assiut University Award, where the overall scientific production of Dr / Magda Mahmoud Ali Omar "candidates for the academic year 2014" at the behest of Vice President of Assiut University for Graduate Studies and Researches 2014.
- 3- Assess the thesis submitted by Dr / Walid Mohammed Abdel Azim Refai for the Zagazig University best PhD thesis Award for the year 2013/2014 in the specialty of Agricultural Sciences and Veterinary at the behest of Vice President of Zagazig University for Graduate Studies and Researches 2015.
- 4- Evaluation of the featured research of Qassim University, Kingdom of Saudi Arabia. (Ultrasonographic evaluation of abdominal distension in 52 camels (Camel Dromedari) 5/10/2015.
- 5- Evaluation of Scientific Researches submitted to the scientific excellence Award of University for the academic year 2015-2016 named " Effects of Pain on Immunologic State and Wound Healing in Experimental Rate: With Special References to Different Analgesic Regimen at the behest of Vice President of Zagazig University for Graduate Studies and Researches 2016.

Supervision on Master and Ph D. Thesis

M. V. Sc. Thesis

- 1) Evaluation of some anesthetic Techniques in Pet animals under Local Circumstances (1997-2000). Finished.
- 2) The Effect of Mixing Cane Pulp with dry Yeast that used as foddering animals (2001-2004). Finished
- 3) Responding Exposed Tooth pulp for New Adhesive Resinous Regime in Dogs (2002-2004). Finished
- 4) Osteochondral Transplantation for Repair of joint defects in Equine (2004-2006) Finished
- 5) Treatment of superficial digital flexor tendon injuries using scar remodeling agents (2004).
- 6) Studies on the back affections in dogs- prevalence, diagnosis and treatment (18/11/2007-2012). Finished
- 7) Bone defect healing following Implantation of amniotic scaffold seeded with mesenchymal stem cells in canine model" Ibrahim Abdalla (2012- 2014) Finished
- 8) Mesenchymal stem cells in bone healing of segmental femoral bone defect in a canine model" Omima Hagag (2012-201^o) Finished
- 9) Evaluation of Low Level Laser-activated Adipose Derived Stem Cells for Treatment of Experimental Chondral Defects ", Ahmed Nour Eldine Abdallah (2012-2015) Finished
- 10) Using stem cell in the treatment of rheumatoid arthritis. (2013-2017)
- 11) Efficacy of Mesenchymal Stem Cell-Derived Microvesicles on Wound Healing in Dogs (2016-2018) Finished
- 12) ENDOSCOPIC DIAGNOSIS AND TREATMENT OF GASTRIC ULCER IN DOGS (2016- 2018) Finished
- 13) Experimental study of bone defect repair using bone marrow aspirate Oral and Maxilofacial Surgery , Al-Azhar University 2013-2018) Finished

Ph. D Thesis

- 1) Response of exposed tooth pulp to a new resin adhesive system in dogs. (2002-2003) Finished.
- 2) Comparative studies on Abdominal Radiography and Ultrasonography in Pet animals (2001-2005). Finished
- 3) Clinical and experimental studies on the coxofemoral joint in dogs. (2006-2011). Finished
- 4) The fate of Bioengineered Stem cells implanted in the dog's jaw (Histological and Histochemical Study). 2009 Finished
- 5) The effect of transplanted bone marrow stem cells on the tongue of irradiated rats (2009-2012). Finished
- 6) Design and Production of Textile Meshes for Heart Muscle Reinforcement

- Doaa Elgohary Hanafy (2013 –2015) Finished**
- 7) **Mesenchymal stem cells transfusion attenuates experimentally induced brain injury after neonatal hypoxia by different two routs of administrations (intranasal and intravenous). (2013 – 2017) Finished**
 - 8) **Treatment of induced partial hepatic cirrhosis in experimental animal model using differentiated stem cells" Marwa (2012-2016) Finished**
 - 9) **Custom – made cutting Guides for total stifle arthroplasty in dogs (2013 – 2017) Finished**
 - 10) **Evaluation of Stem Cell Therapy in a Canine Model of Multiple Sclerosis 2015 - under work)**
 - 11) **Effect Of Pulsed Electromagnetic Field On Ejection Fraction After Induced Myocardial Infarction (2015 – 2018)**

Education:

B.V.Sc Faculty of Veterinary Medicine, Cairo University

M.V.SC. “Studies on eye affections among camels in Egypt”

PhD “Studies on arthritis in equine”

Scientific Research projects: -

- 1-Projects in Cairo University "Epidemiology, **Clinical and Pathological studies on some Camel Diseases**" NARP Project no, **91-H-2-4** (1993-1996)
- 2- Projects in Cairo University "**Studies on Urolithiasis including the clinical, pathological studies and Nutritional effect**". (1994-1996)
- 3- Project "**A Prospective View on Camel in Egypt Through Its State of Art**"(1995-1997). The Academy of Scientific Research and Technology
- 4- Project "**Further Studies on Camel Diseases including the Clinical studies and neonatal deaths**" (1993-1997) The Camel Applied Research and Development Network, The Arab Center of Arid Zone and Dry Lands
- 5- Project "**Further Studies on Camel Diseases including the Clinical studies and neonatal deaths**" (1997-2000). The Camel Applied Research and Development Network, The Arab Center of Arid Zone and Dry Lands
- 6- Project "**Design of Blood Pump for Treatment of Varicose in case of liver Cirrhosis as a result of Belhresiases**. (2002). Cairo University
- 7- Project "**Further Studies on Camel Diseases including the Clinical studies and neonatal deaths**" (2002-2004). The Camel Applied Research and Development Network, The Arab Center for Arid Zone and Dry Lands
- 8- Project "**A Prospective View on Camel in Egypt Through Its State of Art**"(2004-2006). The Academy of Scientific Research and Technology
- 9-Project "**Fate and Host Response to Autologous Intra-Articular Injection of Mesenchymal Stem Cell**, Principle investigator 1/1/2009-30/3/2011. Cairo University
- 10-Project” **Human Cell Therapy (MSCs or hEPCs) for Myocardial Infarction in canine models”** Principle investigator 4/7/2011-2018 now. Cairo University

11-Project " **Mesenchymal stem cells transfusion attenuates experimentally induced brain injury after neonatal hypoxia by different two routes of administrations (intranasal and intravenous).** Other investigator, Faculty of Medicine, Cairo University. (2011-2015)

12- Project " **Resveratrol modulates Doxorubicin induced cardiotoxicity in male rat, Study underlining possible mechanisms.**" Other investigator, Faculty of Medicine, Cairo University. (2014 - 2018)

Patents:

- 1- Patent of "Innovative textile technology for dilated cardiomyopathy:" Shape formation of knitted cardiac support mesh" registered in the patent office of national research center (916/2015 in 8/6/2015).
- 2- Patent of "Custom-made knee joint in dogs" registered in the patent office of national research center (international application PCT/EG2015/000004 in 8/2/2015).

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2. Hegazy A.A., Lotfia S.Fahmy, Afaf S.Fahmy, Aiad M.A., **Shamaa A.A.and shimke E.: (1994):** Evaluation of the effects of intra-articular injection of Dimethylsulfoxide on chemically induced arthritis in equines. Vet. Med. J., Giza. Vol. 42, No. 1. 221-243
3. Afaf S.Fahmy, Lotfia S.Fahmy, Hegazy A.A., Aiad M.A., **Shamaa A.A.and shimke E.: (1994):** Clinical, Biochemical and Histopathological studies on arthritis in equine. Vet. Med. J., Giza. Vol. 42, No. 1. 305—320
4. Lotfia S.Fahmy, Hegazy A.A., Aiad M.A., **Shamaa A.A.and shimke E.: (1996):** Retrospective studies on equine arthritis with special reference to its treatment.4th Sci. Cong. Proc. April 3-6 Vet. Med. J., Giza.
5. Khamis -Y, Hegazy A.A., Lotfia S.Fahmy, Gohar H.M, **Shamaa, A.A.** and Zabady M.K. **(1996):** Studies on ruminant urolithiasis I- The effect of feeding fattening rations on bulls A-Field study.4th Sci. Cong. Proc. April 3-6 Vet. Med. J., Giza.
6. Lotfia S.Fahmy, Hegazy A.A., Aiad M.A., **Shamaa A.A.** and shimke E.: **(1996):** Retrospective studies on equine arthritis with special reference to its treatment. Med. J., Giza. Vol. 44, No. 2. 245-258.
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Veterinary Anesthesia (Course 407(I))
Veterinary Diagnostic Imaging (Course 407 (II))
General Surgery Practice Volume I & II
Special Veterinary Surgery (Course 403)
Special Veterinary Surgery (Volume II) “ophthalmology”
Special Veterinary Surgery (Volume III) “Lameness”
Operative Surgery & Diagnostic Image (Radiology & Ultrasound).

Awards

- 1-Prize material and a certificate of appreciation on 3/5/2012 for scientific research, published for the year 2011 in international journals, which have been instrumental in improving the overall site.
- 2-Cairo University (International publications Awards) Vol 6 issue 1(A) No., 599 – page 163.
- 3-Silver Award Salon international Des inventions- Genève in 17/4/2015 for Artificial Knee Joint Using Custom Made instruments & Implants
- 4-Cairo University (International publications Awards) 2015
- 5-Cairo University (International publications Awards) 2016
- 6-Cairo University (International publications Awards) 2017

Publications Acknowledgement:

Huda O. A, Eman M. G., Elbehairy A.A, Mousa S.Z, Elhindi H.M (2014): Prospective Biochemical Markers for osteoarthritis in Horses. Global Veterinaria 13(4): 455-461

Hanna Hassan El- Marzoky for Master Degree 2018 :- “ Experimental study of bone defect repair using centrifuged and noncentrifuged bone marrow aspirate “ Oral and maxillofacial surgery Al-Azhar University