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Curriculum Vitae

personal Information

Name	Mohammed Said Mostafa Amer	
Title	Assistant professor	
Date of birth	11/7/1983	
Place of birth	Al-Qalubia	
Citizenship	Egyptian	

Contact Information

Home phone	0237200792
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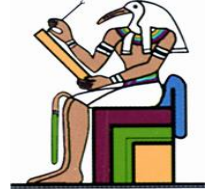
Educational Qualifications

(June 2005): B. Sc. of Veterinary medicine, Cairo University, Graduation Grade (Very Good)

Academic Positions

(2018 till now): Assistant professor of Surgery, Radiology & Anaesthesiology, Faculty of Veterinary Medicine, Cairo Univ.

(2013 -2018): Lecturer of Surgery, Radiology & Anaesthesiology, Faculty of Veterinary



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Medicine, Cairo University.

(2009-2013): Assistant Lecturer of Surgery, Radiology & Anaesthesiology, Faculty of Veterinary Medicine, Cairo University.

(2006-2009): Demonstrator of Surgery, Radiology & Anaesthesiology, Faculty of Veterinary Medicine, Cairo University.

Thesis Title:

Ph.D.: Clinical and educational Studies on some Equine Fractures (2013).

M.V. Sc.: Experimental Studies on Segmental Cortical Bone Xenografts in Dogs (2009).

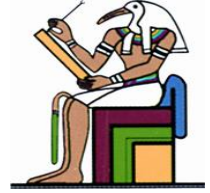
Areas of experience

- Equine and Small animals' Orthopedic surgery.
- Experimental Surgery.
- Owner and manager of small animal Veterinary Clinic (2013 till now)
- Sales Representative (2005-2007) at Amecozyne Co.
- Consultant at Stem Vie Company.
- Surgical Consultant at Elzahraa Farm for Arabian Horses.

Projects

- 1- Human Cell Therapy (MSCs or EPCs) for Myocardial Infarction in canine model.
- 2- Development and Evaluation of nanotechnology-based drug delivery systems for tissue engineering using naturally-derived ingredients.

Awards



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1. The Academy of Scientific Research & Technology (ASRT),
2. The international publications awards of Cairo University, **June 2018** (Vol. 12 Issue 1).
3. The international publications awards of Cairo University, **June 2017** (Vol. 11 Issue 1).
4. The international publications awards of Cairo University, **May 2016** (Vol. 10 Issue 1).

Patents

- 1- Title of Invention: Method for coating and drying heterogenous stem cell derived extra-cellular vesicles (no. **WO/2021/089101**) .
- 2- long lasting biodegradable polymer based in-situ forming implant for treatment of bone injuries. (no. **WO/2020/177830**).

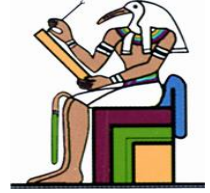
Professional Qualifications

Conferences

- 1- The 9th Scientific Conference (2nd international) of faculty of veterinary medicine, Sadat City University **4-7 April 2017, North Coast.**
- 2- The 14th Scientific Conference (6th international) of faculty of veterinary medicine, Cairo University **28-31 Jan. 2017, Sharm El-Sheikh.**
- 3- The 8th Scientific Conference of faculty of veterinary medicine, Sadat City University **7-10 April 2014.**
- 4- The 7th Scientific Conference of faculty of veterinary medicine, Minufia University - Sadat City Branch, **24-27 April 2012.**

Training courses

- 1- Staff-Entrepreneurship (FLDC, 29-30/1/2022)
- 2- Critical Thinking (FLDC, 25-26/8/2021)
- 3- Quality of career (FLDC, 29-30/1/2020)
- 4- Research Ethics (FLDC, 10-11/1/2018).

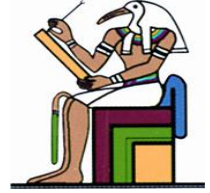


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- 5- Management of work stressors (*FLDC, 4&8/10/2017*).
- 6- TOT in the Care & Use of Animals in Research (*FLDC, 8-13/4/2017*).
- 7- Total Quality Management in Healthcare (*FLDC, 7-8/12/2016*).
- 8- Creative Thinking (*FLDC, 8-9/6/2016*).
- 9- Ethical Guideline for the care and use of Animals in Education & Scientific Research (*FLDC, 23/4/2016*).
- 10- International Publishing of Scientific Research (*FLDC, 20-21/11/2013*).
- 11- Managing Research Teams (*FLDC, 5-7/3/2013*).
- 12- Improving Cross Cultural Competence (*DAAD, 3/3/2013*).
- 13- Conference Organization (*FLDC, 23-25/2/2013*).
- 14- Communication Skills (*FLDC, 23-25/2/2013*).
- 15- Effective Teaching Skills (*FLDC, 4-6/9/2012*).
- 16- Exams and Standards Evaluation Systems (*FLDC, 3-5/4/2012*).
- 17- Proposal Writing Post Docs (*DAAD, 29/2/2012-1/3/2012*).
- 18- Legal and Financial Aspects in University Environment (*FLDC, 12-14/12/2011*).
- 19- The Credit Hour Systems (*FLDC, 18-20/1/2011*).
- 20- Managing Time and Meeting (*FLDC, 22-24/2/2010*).
- 21- Use of Technology in Teaching (*FLDC, 3-5/8-2009*).
- 22- Quality Standards in the Education Process (*FLDC, 9-11/2/2009*).
- 23- University Code of Ethics (*FLDC, 28-31/5/2007*).
- 24- Effective Presentation Skills (*FLDC, 2007*).

Workshops:

- 1- Good Citation Behavior (*Clarivate Web of Science, 16/4/2022*).



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- 2- An introduction to ethical publishing Behavior (*Clarivate Web of Science, 5/3/2022*).
- 3- An introduction to peer review (*Clarivate Web of Science, 5/3/2022*).

Computer Skills

- ICDL certified 2011.
- Microsoft Office 2007, 2010 & 2019 Skills.

Language Skills

Languages	Speaking	Writing
Arabic	Excellent (Mother tongue)	Excellent
English	Very Good	Very Good

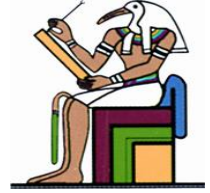
Professional Memberships

- 1- Member of Egyptian Veterinary Syndicate.
- 2- Member of Egyptian Veterinary Medical Association.
- 3- Member of Egyptian Society of Experimental Surgery (ESES).
- 4- Member of Egyptian Society of Acupuncture.
- 5- Member of Egyptian Society for Biosciences Advancement (Formerly: Egyptian German Society for Zoology)
- 6- Member of IACUC of Cairo University (Medical sector).

Other activities

- **Educational & Scientific Activity:**

A- Internal:

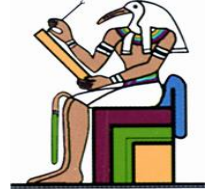


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- 1- Lecturer for teaching and demonstrating of the practical courses of Surgery, Anaesthesiology and Radiology (course; 407, 403, 501 and 552).
- 2- Sharing in student's summer training course for final graduate students practically in the faculty hospital, farms, and Vet. Units.
- 3- Sharing in the faculty educational hospital works (diagnosis, surgical operations) for inpatient and outpatient cases with training of under and post-graduates on the surgical cases frequented on Surgery, Anaesthesiology & Radiology department clinic, Faculty of Vet. Medicine, Cairo University.
- 4- Sharing in free Veterinary Medical convoys in Giza, Qalubia and Cairo Governments.

B- External:

- 1- Mandatory lecturer for teaching Surgery, Anaesthesiology and Radiology courses for under-graduates, fourth- and fifth-year students at the faculty of veterinary medicine, Sadat City University (2015-2017).
- 2- Mandatory lecturer for teaching Surgery, Anaesthesiology and Radiology courses for post-graduate students at the faculty of veterinary medicine, Sadat City University (2017).
- 3- Training lecturer of surgery in the training course (Small Animals Surgical and Medical Problems) organized by the veterinary syndicate at Damietta government for veterinarians (22-27 August 2015).
- 4- Training lecturer of surgery and anaesthesiology in the training program for veterinarians organized by the General Organization for Veterinary Services at Sers Ellaian training centre for Veterinarians.



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▪ **Quality Assurance Unite Activity:**

- 1- Department Organizer for Quality unite (2022).
- 2- Higher Education and Scientific Research Standard workshop (QAAC, 29/12/2015).
- 3- Assistant organizer of Scientific Research Standard (2010-2015).
- 4- Institutional Assessment and Continued Assessment Workshop (QAAC, 9/5/2011).

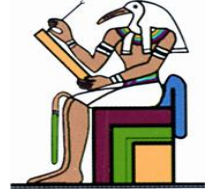
▪ **Journal Reviewing:**

- 1- Open Veterinary Journal.
- 2- PLOS One.
- 3- Research in Veterinary Science
- 4- Journal of international medical research.
- 5- Journal of surgical research
- 6- International journal of veterinary science and medicine.
- 7- Cardiovascular Journal of Africa.
- 8- Journal of Scientific Research and Studies.
- 9- Iranian Journal of Applied Animal Science (IJAS).

▪ **Supervision on Master and Ph D. Thesis:**

A- M. V. Sc. Thesis:

- 1- Detection of bacteria and Fungi associated with canine Otitis; **Zeinab Hassan (Finished 2022).**
- 2- Evaluation of antimicrobial activity of amniotic fluid; **Nouran Ali Ahmed (under work 2019).**
- 3- Evaluation of different Sterilization Techniques in male Dogs and Cats; **Mahmoud Mohamed Mohamed (Finished 2016).**



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4- Equine Endoscopy of Upper Gastro-intestinal Tract; **Khalaf Hussein Ashur;** (Finished 2015).

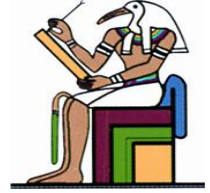
B- Ph. D Thesis:

1- Quantitative and Qualitative evaluation of mesenchymal stem cells derived extracellular vesicles and their future use in treatment of some ocular affections in dogs and cats; **Mohamed Mostafa Bahr (Under work 2020).**

List of publications

A- Local Journals Publications:

- 1- Zeinab H Elkady, **Mohammed S Amer** and Mona El-Enbaawy (2021): **Bacteriological Studies on Otitis Externa in Dogs and Antibiotic Susceptibility Testing of The Recovered Isolates.** *J. Egypt. Vet. Med.Assoc* 81, no 1. 255 –264
- 2- Elkeiey, T.M; **Amer, M.S.** and Mohamed, M.M (2016): **Standard Surgical and Calcium Chloride (Chemical) Neutering Techniques in Male Dogs: Comparative Study.** *J. Egypt. Med. Assoc. Vol. 76(1) 131-142.*
- 3- Soliman A.S, **Amer, M.S.**; Shamaa, A.A.; Dina S.A.; Gehan. G. S.; Mostafa, A.A and Haggag, Omaina (2015): **Study the efficacy of chitosan as a scaffold for management of experimentally induced femoral bone defect in dogs.** *Journal of the Egyptian veterinary medical association Vol 75(1) 111-123.*
- 4- **Amer, M.S.**; Shamaa, A.A.; Imam, E.A. and Mostafa, A.A (2014): **Establishment of**



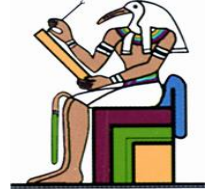
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Amniotic Membrane Bank for Orthopaedic Surgery in dogs: Clinical and Radiographic Assessment. *J. of the Egyptian Vet. Med. Assoc. Vol. No. pp.*

5- El-Keiey, M.; Gadallah, S. and Amer, M. (2009): Cortical Bone Xenografting in Dogs: Clinical and Radiological assessment. *J. of the Egyptian Vet. Med. Assoc. Vol.69 No.3 pp31-50.*

B- International Journals Publications:

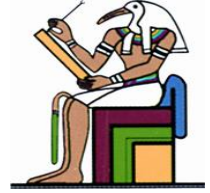
- 1- Rasha A. Youness, Mohammed Said Amer, Mohammed A. Taha (2022). Tribo-mechanical measurements and in vivo performance of zirconia-containing biphasic calcium phosphate material implanted in a rat model for bone replacement applications. *Materials Chemistry and Physics* 285 (2022) 126085.**
- 2- Abd El-Rahman, S.S., Amer, M.S., Hassan, M.H., Fahmy, H.M., Shamaa, A.A. (2022): Repair of experimentally induced femoral chondral defect in a rabbit model using Lyophilized growth promoting factor extracted from horse blood platelets (L-GFequina). *Injury*, 2022, 53(4), pp. 1375–1384.**
- 3- Eldeeb, A.E., Salah, S., Amer, M.S., Elkasabgy, N.A. (2022): 3D nanocomposite alginate hydrogel loaded with pitavastatin nanovesicles as a functional wound dressing with controlled drug release; preparation, in-vitro and in-vivo evaluation. *Journal of Drug Delivery Science and Technology*, 71, 103292**
- 4- Eldeeb, A.E., Salah, S., Mabrouk, M., Amer, M.S., Elkasabgy, N.A. (2022): Dual-Drug Delivery via Zein In Situ Forming Implants Augmented with Titanium-Doped Bioactive Glass for Bone Regeneration: Preparation, In Vitro Characterization,**



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and In Vivo Evaluation. *Pharmaceutics*, 2022, 14(2), 274

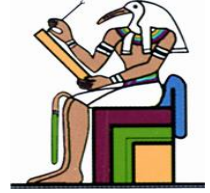
- 5- Hassan, M.H., El-Rahman, S.S.A., **Amer, M.S.**, Fahmy, H.M., Shamaa, A.A. **Effect of Lyophilized Growth Factors (LGF) Derived from Equine Platelets on Experimentally Induced Skin Wound Healing in Mongrel Dogs. *International Journal of Veterinary Science*, 2021, 10(2), pp. 75–82.**
- 6- Bahr, M.M., **Amer, M.S.**, Abo-El-sooud, K., ...Shehab, G.G., El-Tookhy, O.S. **Proficiency of carboxymethyl cellulose as a cryoprotectant. Clinical and histological evaluation of cryopreserved heterogenous mesenchymal stem cell-exosomal hydrogel on critical size skin wounds in dogs. *International Journal of Hematology-Oncology and Stem Cell Research*, 2021, 15(3), pp. 178–191.**
- 7- Abuowarda, M., **Amer, M.**, Shamaa, A., Hassan, M. **A preliminary study of endoscopic diagnosis of gastric ulcer in Egyptian donkeys (*Equus asinus*) parasiti-sed by *Gasterophilus intestinalis* (diptera: Oestridae). *Bulgarian Journal of Veterinary Medicine Open Access Volume 24, Issue 2, Pages 268 – 277, 2021.***
- 8- Bahr, M. M., **M. S Amer**, K. Abo-EL-Sooud, A. N. Abdallah, and O. S. el-Tookhy, **"Preservation techniques of stem cells extracellular vesicles: a gate for manufacturing of clinical grade therapeutic extracellular vesicles and long-term clinical trials", *International Journal of Veterinary Science and Medicine*, vol. 8, issue 1: Taylor & Francis, pp. 1-8, 2020.**
- 9- Hozyen, H.F., Khalil, H.M.A., Ghandour, R.A., **Amer, M.S.**, Azouz, R.A. **Nano selenium protects against deltamethrin-induced reproductive toxicity in male rats.**



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Toxicology and Applied Pharmacology, 2020, 408, 115274.

- 10- Abdel-Salam, F.S., Elkheshen, S.A., Mahmoud, A.A., Basalious E.B., Basalious E.B., **Amer M.S.**, Mostafa A.A. Elkasabgy N.A. **In-situ forming chitosan implant-loaded with raloxifene hydrochloride and bioactive glass nanoparticles for treatment of bone injuries: Formulation and biological evaluation in animal model.** *International Journal of Pharmaceutics, Volume 58030 April 2020 Article number 119213.*
- 11- Abdel-Rahman, R. F., R. M. Abd-Elsalam, **M. S. Amer**, A. M. El-Desoky, and S. O. Mohamed, "Manjarix attenuated pain and joint swelling in a rat model of monosodium iodoacetate-induced osteoarthritis", *Food and Function*, vol. 11, issue 1, pp. 7960-7972, 2020.
- 12- Elkasabgy N.A., Abdel-Salam F.S., Abdel-Salam F.S., Mahmoud A.A., Basalious E.B., **Amer M.S.**, Mostafa A.A., Elkheshen S.A. **Long lasting in-situ forming implant loaded with raloxifene HCl: An injectable delivery system for treatment of bone injuries.** *International Journal of Pharmaceutics, 2019, 571, 118703.*
- 13- Sabry D., Shamaa A., Amer M., El-Tookhy O., Abdallah A., Abd El Hassib D. M., Amer E., Elamir A. **The effect of mesenchymal stem cell derived microvesicles in repair of femoral chondral defects in dogs.** *Journal of Musculoskeletal Research, 2018, 21(2), 1850006.*
- 14- Elsayed M.A. Khalil, Rasha A. Youness, **Mohammed Said Amer**, Mohammed A. Taha (2018): **Mechanical Properties, In Vitro and in Vivo Bioactivity Assessment of Na₂O-CaO-P₂O₅-B₂O₃-SiO₂ Glass-Ceramics.** *Ceramics International, 2018, 44(7),*



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pp. 7867–7876.

[2.986 Impact

Factor]

- 15- Osama Ali Diab, **Mohammed Said Amer**, and Rania Ahmed Salah El-Din (2016): **Effect of experimental coronary sinus ligation on myocardial structure and function in the presence or absence of structural heart disease: an insight for the interventional electrophysiologist.** *Europace* doi:10.1093/europace/euv431.

[4.51 Impact Factor]

- 16- **Mohammed S. Amer**, Elham A Hassan, Faisal A. Torad, Ashraf A. Shamaa and Elsayed A. Elsherpieny (2016): **Sequential Canine Neonatal Spinal Ultrasonography from Birth till Spinal Ossification.** *Pak. Vet. J.*, 36(1):6-10.

http://www.pvj.com.pk/pdf-files/36_1/6-10.pdf

[1.39 Impact Factor]

- 17- **Amer M.S.**, Hassan E.A and Torad F.A (2018): **Radiographic and Ultrasonographic Characteristics of Some Ventral Abdominal Hernia in Pigeons (Columba livia).** *J. vet. med. sci.* (Under press) PMID: 29237997 DOI: [10.1292/jvms.17-0517](https://doi.org/10.1292/jvms.17-0517)

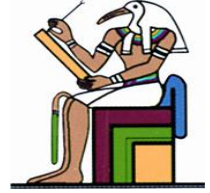
[0.845 Impact Factor]

- 18- F. A. Torad, **M. S. Amer**, A. A. Shamaa and E. A. Elsherpieny (2016): **Echocardiographic measurements and indices in normal adult buffalo (Bubalus bubalis).** *J. Applied Animal Research*, 45(1):336–341.

<https://doi.org/10.1080/09712119.2016.1190733>

[0.426 Impact Factor].

- 19- **Mohammed Said Amer**, Ashraf Ali Shamaa, Dina Sabry Abdel Fatah, Gehan Gamil Shehab, Ayman Abdelmonem Mostafa, and Ibrahim Abdallah Emam (2015): **The Efficacy of Cryopreserved Amniotic Membrane seeded with Mesenchymal Stem Cells for Management of Bone Defect in a Canine Model.** *Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)* 6(3) 1620-1621. [0.35



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Impact Factor].

- 20- Walla'a A. Osman, Salwa A. Elmessiry, Olfat Shaker, Iman M. Zaki, Marian Y. Wissa, **Amer M.S.** and Shamaa A.A (2015):-**Comparative study of the effect of Diacerein and Diclofenac sodium and their combination in osteoarthritis model induced by monoiodoacetate in albino rats.** *Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)* 6(3) 1079-1089. [0.35 Impact Factor].
- 21- Ahmed Syed Soliman, **Mohammed Said Amer**, Ashraf Ali Shamaa, Dina Sabry, Gehan Gamil Shehab, Ayman Magdy Mostafa, Omaima Hagag (2015): **Using of Chitosan seeded with autologous undifferentiated Mesenchymal Stem Cells for Femoral Bone Defect Management in Dogs.** *Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)*; 6(4):1220-1231. [0.35 Impact Factor].
- 22- Faisal A. Torad, **Mohammed S. Amer**, Ashraf A. Shamaa, Omar S. Eltookhy, Dina S. Abdel Fatah, Laila A. Rashed, Magdy Abdelhamid, Soheir M. Mahfouz and Doaa M. Gharib (2015):- **Long term evaluation of human umbilical cord blood mesenchymal stem cells in the management of total coronary occlusion in dogs (experimental study).** *Asian Journal of Animal Sciences*; 9(6):266-279.

C- Conferences Publications:

- 1- **Amer, M.S.**, El-Keiey, M and Mohamed, M.M. (2017): **Chemical Castration versus Standard/Knife Surgical Castration in Tomcats: Clinical and Biochemical Study.** *The 14th Scientific Conference (6th international) of faculty of veterinary medicine, Cairo University 28-31 Jan. 2017, Sharm El-Sheikh.*
- 2- Gadallah, S. El-Keiey, M.; **Amer, M.** and Shamaa, A.A. (2014): **Equine limbs**



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Fractures: The Incidence and Management. *Minufiya Vet. J., Vol. 8 (1): 247-261.*

- 3- Gadallah, S. El-Keiey, M.; Shreen, S. Abd-ElGayed and **Amer, M. (2012): Experimental Studies on Cortical Bone Xenografts: Morphohistological Assessment.** *7th scientific conference Proceeding, Fac.Vet. Med, Minufiya Univ.- Sadat Branch.*
- 4- El-Keiey, M.; Gadallah, S. and **Amer, M. (2010): Experimental Studies on segmental Cortical Bone Xenografts: Clinical and Radiological assessment.** *WVOC Proceeding (Posters), Bologna (Italy).*

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
5	22	3	1	6	18	6	30

يعتمد.....

عميد الكلية

أ.د/ ايمان بكر شهيد



رئيس مجلس القسم

أ.د/ وحيد سلامة الغول