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Google Scholar: https://scholar.google.com/citations?user=A_0TphoAAAAJ&hl=en

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🎓 EDUCATION

Ph.D. of Veterinary Medicine (Orthopedic Surgery)

October 2020

College of Veterinary Medicine. Assiut University, Assiut, Egypt.

The subject of the thesis is “*Repair of Experimentally-induced Critical-sized Bone Defect Using Bone Substitutes in Rabbits*”.

Master of Veterinary Medicine (Orthopedic Surgery)

September 2016

College of Veterinary Medicine. Assiut University, Assiut, Egypt.

The subject of the thesis is “*Effect of bone marrow aspirate, platelet rich plasma and silver nanoparticles on the healing of stifle joint meniscal tear in dogs (An Experimental Study)*”.

Bachelor of Veterinary Medicine

June 2012

College of Veterinary Medicine. Assiut University, Assiut, Egypt.

Grade: Excellent degree with first class of honor, GPA: 85.83%

High school certificate

June 2007

Nasser's Military high School, Assiut, Egypt.

GPA: 97.02%

💼 PROFESSIONAL EXPERIENCE

- Associate Professor

December 2025- Present

Department of Veterinary Surgery, Anesthesiology, and Radiology, College of Veterinary Medicine, Assiut University, Assiut, Egypt.

Responsibilities:

- Perform scientific research and participate in Scientific conferences and workshops.
- Supervision of postgraduate students.

- Teaching lectures and practical courses for undergraduates and postgraduates including small animal surgery, general surgery, special surgery, orthopedic surgery, anesthesiology, and diagnostic imaging.
- Diagnosis and treatment of various cases admitted to the Veterinary Teaching Hospital, Assiut University.
- Perform different soft tissue surgeries and orthopedic surgeries as a principal surgeon.
- Sharing in diagnostic and treatment veterinary caravans.

- Assistant Professor**November 2020- December 2025**

Department of Veterinary Surgery, Anesthesiology, and Radiology, College of Veterinary Medicine, Assiut University, Assiut, Egypt.

Responsibilities:

- Perform scientific research and participate in Scientific conferences and workshops.
- Supervision of postgraduate students.
- Teaching lectures and practical courses for undergraduates and postgraduates including small animal surgery, general surgery, special surgery, orthopedic surgery, anesthesiology, and diagnostic imaging.
- Diagnosis and treatment of various cases admitted to the Veterinary Teaching Hospital, Assiut University.
- Perform different soft tissue surgeries and orthopedic surgeries as a principal surgeon.
- Sharing in diagnostic and treatment veterinary caravans.

- Assistant Lecturer**November 2016- November 2020**

Department of Veterinary Surgery, Anesthesiology, and Radiology, College of Veterinary Medicine, Assiut University, Assiut, Egypt.

Responsibilities:

- Perform scientific research and attend Scientific conferences and workshops.
- Diagnosis of cases admitted to the Veterinary Teaching Hospital, Assiut University.
- Treatment of various cases and conducting surgical operations as first surgeon and assistant surgeon.
- Teaching practical courses (General Surgery, Special Surgery, Orthopedic Surgery, Anesthesiology, Radiology) for undergraduate students.
- Participation in diagnosis and treatment caravans.

- Teaching Assistant**February 2013- November 2016**

Department of Veterinary Surgery, Anesthesiology, and Radiology, College of Veterinary Medicine, Assiut University, Assiut, Egypt.

Responsibilities:

- Perform scientific research and attend scientific conferences and workshops.
- Sharing in Diagnosis of cases admitted to the Veterinary Teaching Hospital, Assiut University.
- Participating as an assistant surgeon in various surgeries during the first year of employment and sharing as a first and assistant surgeon in various surgeries from the 2nd year of employment.
- Teaching practical courses (General Surgery, Special Surgery, Orthopedic Surgery, Anesthesiology, Radiology) for undergraduate students.
- Participation in diagnosis and treatment caravans.

 **EXPERIENCE**

- 13 years in Surgery, Anesthesiology, and Radiology research for academia.
- Extensive hands-on experience in performing different surgeries that has been gained from performing more than **8500** surgical operations, either as first surgeon or assistant surgeon, during working in Veterinary Hospital at College of Veterinary Medicine, Assiut University since 2013 till now.
- Hands-on experience in dealing with various admitted cases using different diagnostic facilities.
- Hands experience in various anaesthetic protocols in different animal species.
- Strong background in diagnostic imaging interpretation.
- Have a good awareness with anaesthetic protocols of laboratory animals as well as an experience in performing various surgeries in rabbits and rats.
- Have a good research knowledge in regenerative medicine research area including bone, meniscal and skin tissue regeneration. In addition, a good experience in preparation of Platelet rich plasma, Platelet rich fibrin, bone marrow aspirate. In addition, I have gained a solid background on the biomedical applications of biomaterials including silver nanoparticles, cellulose, graphene oxide, carbon nitride, and Uio-66.
- Have an excellent background regarding the *in vivo* animal model establishment and *in vitro* cellular responses experiments.
- Excellent communication skills and organizational abilities.
 - Participation in summer practical training for final level students.
 - Instructor in small animal workshops and training courses organized by College of Veterinary Medicine, Assiut University, Egypt.

• Teaching experience:

I have more than 12 years of teaching of experience as follows:

- Nearly 12 years of teaching the practical courses for undergraduate students at College of Veterinary Medicine, Assiut University, Egypt.
 - Courses:
 - Anaesthesiology and Radiology (SAR: 321) for 3rd level students (10 hours/week).
 - General Surgery and Ophthalmology (SAR: 404) for 4th level students (10 hours/week).
 - Special Surgery (SAR: 514) for 5th level students (10 hours/week).
 - Lameness and Orthopedic Surgery (SAR: 507) for 5th level students (10 hours/week).
 - Clinical Studies in Surgery (SAR: 508) for 5th level students (10 hours/week).
 - Small Animal Surgery (PSEC13) for 4th and 5th levels undergraduate students (2 hours/week).
 - More than four years of teaching the lectures for undergraduates at College of Veterinary Medicine, Assiut University, Egypt.
 - Courses:
 - Anaesthesiology and Radiology (SAR: 321) for 3rd level students (2 hours/week).

- General Surgery and Ophthalmology (SAR: 404) for 4th level students (2 hours/week).
- Special Surgery (SAR: 514) for 5th level students (2 hours/week).
- Lameness and Orthopedic Surgery (SAR: 507) for 5th level students (2 hours/week).
- Clinical Studies in Surgery (SAR: 508) for 5th level students (2 hours/week).
- Small Animal Surgery (PSEC13) for 4th and 5th levels undergraduate students (2 hours/week).
 - Over four years of teaching the courses for postgraduate students at College of Veterinary Medicine, Assiut University, Egypt.
- A membership of the Board of College of Veterinary Medicine, Assiut University, since 2024 until now.
- Supervisor of Pen and Book student family 2014-2020, College of Veterinary Medicine, Assiut University.
- Reviewer at peer-reviewed Journals:
 - Journal of Research in Veterinary Sciences
 - Assiut Veterinary Medical Journal
 - Journal of Veterinary Medicine and Animal Health
 - Veterinary Medicine and Science



COMPUTER SKILLS

- Windows, MS Office, Data analysis: GraphPad prism, SPSS, Excel and ImageJ, Data representation: Adobe Photoshop and Adobe Illustrator. Endnote.



MEMBERSHIPS

- Deputy Director, Compulsory Veterinary Internship Program, College of Veterinary Medicine, Assiut University (**2025- Present**).
- Member in the Egyptian Veterinary Medical Association. (**2012- Present**)
- A member of the Egyptian Veterinarians syndicate (**2012- Present**).
- A member of the Egyptian Association of Veterinary Orthopaedics (EAVO) (**2023- Present**).
- A member of the Egyptian society of cattle diseases (**2018- Present**).
- A membership of the project “The establishment of an electronic database for diseases and epidemics affecting livestock in Assiut Governorate” (**2014- 2016**).
- The secretary of the Board of the Department of Surgery, Anaesthesiology and Radiology, College of Veterinary Medicine, Assiut University (**2021- Present**).
- Membership of the Board of College of Veterinary Medicine, Assiut University, (**2024- 2025**).

- A membership of Vocational Preparation Centre, College of Veterinary Medicine, Assuit University (2022- 2025).
- Supervisor of Pen and Book student family, College of Veterinary Medicine, Assuit University (2014- 2020).
- A membership of Quality Assurance Unit, College of Veterinary Medicine, Assuit University (2014- 2016).
- A membership of Veterinary Extension Centre (VEC), College of Veterinary Medicine, Assuit University (2013- 2015).

 **Projects**

| Project title | Supporting organization | Role of participant |
|--|---|-----------------------------|
| -Establishing an electronic database for diseases and epidemics affecting livestock in Assuit Governorate | Excellence Support Administration - Higher Education Development Projects Unit - Ministry of Higher Education, Egypt. | Research assistant 2014 |
| -Repair of Experimentally-induced Critical-sized Bone Defect Using Bone Substitutes in Rabbits | Research Fund Center - Assiut University, Egypt | Research assistant 2020 |
| - Capability of Zirconium oxide on porous carbon and Zirconium oxide on N-doped porous carbon nanomaterials as scaffolds for bone tissue engineering in rabbits critical-sized bone defect model | Research Projects Management Center and Research Fund Center - Assiut University | Principle Investigator 2023 |

 **SUPERVISION of POSTGRADUATE STUDENTS**

| Name | Degree | Thesis title | Status |
|---|---|--|------------------|
| Vet. Hajar Eid Mahmoud | Master (Veterinary Surgery) | Evaluation of the anti-adhesive efficacy of gelatin sponge and alginate sponge in prevention of post-surgical intra-abdominal adhesions. | 2021-2024 |
| Dr. Ahmed Mohamed Mahmoud Soltan | Ph.D. (Oral and Maxillofacial Surgery) | Efficacy of surface treated biodegradable magnesium plates and screws for treatment of mandibular fractures. | Running 2024-now |
| Dr. Ahmed Farghaly Saleh | Master (Oral and Maxillofacial Surgery) | Osseointegration Assessment of Dental Implant Inserted in Autogenous Dentin Block Graft. | Running 2024-now |

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|----------------------------|-------|----------------------------------|---|------------------|------------------|
| Vet. Fatma Mohamed Eltayeb | Sayed | Master (Veterinary Microbiology) | Antibacterial <i>Lactobacillus</i> spp. against <i>Pseudomonas aeruginosa</i> isolated from Human and Animal Wounds | Effect of | Running 2024-now |
| Vet. Samar Abdelrahiem | Adel | Master (Veterinary Surgery) | Preparatory master courses | Running 2024-now | |
| Vet. Suzan Hassanien Ahmed | | Master (Veterinary Surgery) | Preparatory master courses | Running 2024-now | |
| Vet. Ali Ahmed Helmy | | Master (Veterinary Surgery) | Preparatory master courses | Running 2025-now | |
| Vet. Aya Sabra Aboelftouh | | Master (Veterinary Surgery) | Preparatory master courses | Running 2025-now | |



CONFERENCES, TRAINING COURSES and WORKSHOPS

- Participate in and pass the "Networks" program, from January 26-28, 2025, organized by the FLDC at Assiut University.
- Participate in and pass the "Excellence in University Teaching" program, from September 25-27, 2024, organized by the FLDC at Assiut University.
- Participate in and pass the "University Quality Culture" program, from September 25-27, 2024, organized by the FLDC at Assiut University.
- Participate in and pass the "Recent Trends in Developing Higher Education Institutions" program, from June 25-27, 2024, organized by the FLDC at Assiut University.
- Participate in and pass the "Technicalities of Designing & Conducting Scientific Research" program, from June 11-13, 2024, organized by the FLDC at Assiut University.
- Participate in and pass the (Preparing a Proposal for Competitive Research Project) program, from June 11-13, 2024, organized by the FLDC at Assiut University.
- Participation in the 19th Scientific Congress "Veterinary Medicine and Egypt vision 2030" 4-5 March 2024, which had been organized by College of Veterinary Medicine, Assiut University and School of Veterinary Medicine, Badr University in Assiut, Assiut, Egypt.
- Participation in the 1st Conference of Applied Molecular Biology, 8-9 May 2023, which had been organized by MBRS Institute, Assiut University, Assiut, Egypt.

- Participation in the workshop “Cell and Tissue Cultures: Techniques & Applications” 19-21 March 2023, which had been organized by MBRS Institute, Assiut University, Egypt.
- Participation in the workshop “Pet Animals Surgery” 16-19 January 2023, which had been organized by College of Veterinary Medicine, Assiut University.
- Participation in the webinar “Open Access for Egypt” 15 March 2022, which had been organized by Egyptian Knowledge Bank, Egypt.
- Participation in the 1st International Veterinary symposium between Assiut University and Justus-Liebig University, 4-8 March 2020, Assiut, Egypt.
- Participation in the workshop “Comet assay principles and applications” 27-28 February 2019, which had been organized by MBRS Institute, Assiut University, Egypt.
- Participation in the workshop “Cell culture skills: Isolation, Purification and Banking of hepatocytes, splenocytes and PBMCs” 25-26 February 2019, which had been organized by MRCE Centre, College of Science, Assiut University, Egypt.
- The 14th Scientific conference of the Egyptian Society for cattle diseases, 25-28 January 2018, Hurghada, Egypt.
- Participation in the 17th Scientific Conference 6-8 December 2016, which had been organized by College of Veterinary Medicine, Assiut University, Assiut, Egypt.
- Participation in the 16th Scientific Conference 30 November – 2 December 2014, which had been organized by College of Veterinary Medicine, Assiut University, Assiut, Egypt.
- XX International congress of Mediterranean federation of Health and Production of Ruminants, 19-22 February 2013, Assiut University, Egypt.
- Participation in the Ard-Elkhir Company Farms training 20-30 July 2011, Assiut, Egypt.
- Participation with poster presentation in the First Annual Student Research Conference of Assiut Veterinary Student’s Scientific Association 23 November 2010, Assiut University, Egypt.
- Participation and pass the program of (Code of Ethics), 26-27 February 2017, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (Design and conduct scientific research), 19-20 February 2017, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (Research Ethics), 5-6 February 2017, which had been organized by FLDC, Assiut University.

- Participation and pass the program of (How to design the E-Course), 22-23 January 2017, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (Scientific research funding and grants), 2-3 January 2017, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (Publication of research in international journals), 2-3 January 2017, which had been organized by FLDC, Assiut University.
- Participation in “Essential Research Skills” 12-13 April 2016, which had been organized by Knowledge Transfer Office, Assiut University.
- Participation and pass the program of (Conference Organization), 26-27 January 2015, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (Strategic Planning), 17-18 January 2015, which had been organized by FLDC, Assiut University.
- Participation and pass the program of (University Administration), 4-5 January 2015, which had been organized by FLDC, Assiut University.
- Participation in the module entitled “How to Present a Scientific Data” 3rd November 2014, which had been organized by DAAD Kairo Akademie at Assiut University.
- Participation in the module entitled “Scientific Thinking and Argumentation Skills for Problem Solving” 2nd November 2014, which had been organized by DAAD Kairo Akademie at Assiut University.
- Participation in the module entitled “Proposal Writing in GERLS” 1st November 2014, which had been organized by DAAD Kairo Akademie at Assiut University.
- Participation and pass the program of (Use of technology in teaching), 7-9 October 2013, which had been organized by FLDC, Assiut university.
- Participation and pass the program of (Quality standards in teaching), 1-3 October 2013, which had been organized by FLDC, Assiut university.
- Participation and pass the program of (Research team management), 13-15 April 2013, which had been organized by FLDC, Assiut university.

 **PUBLICATIONS**

- **Sadek, Ahmed Abdelrahiem**; Sabra, Mahmoud S.; Farouk, Marwa; Abdelhamid, Hani Nasser; Hussein, Kamal (2025). Potential of Tadalafil and Tadalafil-Cellulose Nanocomposite in Preventing Post-Surgical Abdominal Adhesions in a Rat Cecal Abrasion Model. *Scientific Reports*, 15(1): 31210. DOI: [10.1038/s41598-025-14894-0](https://doi.org/10.1038/s41598-025-14894-0)
- **Sadek, Ahmed Abdelrahiem**; Abdelhamid, Mahmoud; Soliman, Mahmoud; Abd-Elkareem, Mahmoud; Hussein, Kamal (2025). Evaluating the Role of Lyophilized Hydatid Cyst Fluid in Enhancing Skin Wound Healing: *In Vitro* and *In Vivo* Rat Model Studies. *The Veterinary Journal*, 313:106415 DOI: [10.1016/j.tvjl.2025.106415](https://doi.org/10.1016/j.tvjl.2025.106415)
- **Sadek, Ahmed Abdelrahiem** and Hussein, Kamal (2025). Needle aspiration technique as a supportive tool for clinical diagnosis of anorectal atresia in calves. *BMC Veterinary Research*, 21, 467 (2025). DOI: [10.1186/s12917-025-04912-8](https://doi.org/10.1186/s12917-025-04912-8)
- Hussein, Kamal; Soliman, Mahmoud; Abd-Elkareem, Mahmoud; **Sadek, Ahmed Abdelrahiem** (2025). Comparative Evaluation of Fresh and Lyophilized Nile Tilapia Fish Skin for Enhancing Wound Healing in a Donkey Model. *Veterinary Research Communications*, 49 (5), 262. DOI: [10.1007/s11259-025-10821-w](https://doi.org/10.1007/s11259-025-10821-w)
- Hussein, Kamal; Soliman, Mahmoud; Abd-Elkareem, Mahmoud; Abdelhamid, Hani Nasser; **Sadek, Ahmed Abdelrahiem** (2025). Regenerative Potential of Graphene Oxide-Chitosan Nanocomposite Combined with Fetal Bovine Serum on Healing of Full-Thickness Skin Wound in Rats. *BMC Veterinary Research*, 21, 324 (2025). DOI: [10.1186/s12917-025-04721-z](https://doi.org/10.1186/s12917-025-04721-z)
- Rabeei, Omar; Ghareeb, Sabreen M.; **Sadek, Ahmed Abdelrahiem**; Hussein, Kamal; Ahmed, Ahmed Fathy (2025). Platelet-Rich Plasma as an Adjuvant in Full-Thickness Skin Wound Healing in Rabbits. *Assiut Veterinary Medical Journal*, 71 (185), 259-266. DOI: [10.21608/avmj.2025.341656.1506](https://doi.org/10.21608/avmj.2025.341656.1506)
- **Sadek, Ahmed Abdelrahiem**; Eid, Hajar; Radad, Khaled; Ahmed, Ahmed Fathy (2025). Evaluation of the anti-adhesive efficacy of gelatin sponge and alginate sponge in prevention of post-surgical intra-abdominal adhesions. *Assiut Veterinary Medical Journal*, 71 (184), 101-114. DOI: [10.21608/AVMJ.2024.322977.1406](https://doi.org/10.21608/AVMJ.2024.322977.1406)

- Hesham, Mohamed; Abdel-ghaffar, Sary Khalil; **Sadek, Ahmed Abdelrahiem (2024)**. Pathological and Immunohistochemical Evaluation of Vulvar Fibropapilloma in a Heifer and its Therapeutic Trial: Case Report. *Journal of Advanced Veterinary Research*. 14 (7), 1282-1285.
- **Sadek, Ahmed Abdelrahiem**; Abdel-ghaffar, Sary Khalil; Semieka, Mohamed; Moustafa, Samia (2024). The efficiency of intra-articular injection of silver nanoparticles (AgNPs) on repair of experimentally induced avascular meniscal tear in dogs. *Journal of Advanced Veterinary Research*, 14(1), 91-95.
- **Sadek, Ahmed Abdelrahiem**; Abdel-ghaffar, Sary Khalil; Rushdi, Mahmoud; Semieka, Mohamed; Moustafa, Samia (2024). Comparison between the regenerative potential of bone marrow aspirate (BMA) and platelet-rich plasma (PRP) on healing of canine meniscal tear. *Journal of Advanced Veterinary Research*, 14(1), 79-84.
- **Sadek, Ahmed Abdelrahiem**; Abd-Elkareem, Mahmoud; Abdelhamid, Hani Nasser; Moustafa, Samia; and Hussein, Kamal (2023). Repair of critical-sized bone defects in rabbit femurs using graphitic carbon nitride (g-C₃N₄) and graphene oxide (GO) nanomaterials. *Scientific reports*, 13(1) :5404. DOI:[10.1038/s41598-023-32487-7](https://doi.org/10.1038/s41598-023-32487-7)
- **Sadek, Ahmed Abdelrahiem**; Abd-Elkareem, Mahmoud; Abdelhamid, Hani Nasser; Moustafa, Samia; and Hussein, Kamal (2022). "Enhancement of critical-sized bone defect regeneration using UiO-66 nanomaterial in rabbit femurs." *BMC Veterinary Research* 18, 260. DOI:[10.1186/s12917-022-03347-9](https://doi.org/10.1186/s12917-022-03347-9)
- Hussein, Kamal; Abdelbaset, Abdelbaset Eweda; **Sadek, Ahmed Abdelrahiem**; and Noreldin, Ahmed (2021). *In vitro* and *in vivo* Effects of a Single Dose of Bupivacaine 5% on Donkey Chondrocytes. *Frontiers in Veterinary Science*, 8(1303). DOI:[10.3389/fvets.2021.661426](https://doi.org/10.3389/fvets.2021.661426)
- Soliman, Mahmoud; **Sadek, Ahmed Abdelrahiem**; Abdelhamid, Hani Nasser; and Hussein, Kamal (2021). "Graphene oxide-cellulose nanocomposite accelerates skin wound healing." *Research in Veterinary Science* 137: 262-273. DOI:[10.1016/j.rvsc.2021.05.013](https://doi.org/10.1016/j.rvsc.2021.05.013)
- Hussein, H. A., E. H. Hassan, A. Ibrahim, **A. A. Sadek**, A. E. Müller, and R. Staufenbiel (2021). "Evaluation of Blood Parameters, Serum Minerals Profiles and Rumen Fermentation in Dairy Cows with Foreign Body Syndrome in Subtropics." *Egyptian Journal of Nutrition and Feeds* 24, no. 2: 237-249. DOI: [10.21608/ejnf.2021.192890](https://doi.org/10.21608/ejnf.2021.192890)

- Ali, Magda Mahmoud; Hussein, Kamal Hany; **Sadek, Ahmed**; and Abdelbaset, Abdelbaset Eweda (2020). "Congenital urethral dilatation in cattle calves: Diagnosis and surgical intervention." *Veterinary world* 13, no. 2: 261. DOI: [10.14202/vetworld.2020.261-265](https://doi.org/10.14202/vetworld.2020.261-265)
- Yahia, Doha; El-Amir, Yasmin Omar; and **Sadek, Ahmed Abdelrahiem (2018)**. Early postmortem biochemical and histopathological changes in the kidney, liver, and muscles of dogs. *Comparative Clinical Pathology*, 1-9. DOI:[10.1007/s00580-018-2756-8](https://doi.org/10.1007/s00580-018-2756-8)
- Hussein, H. A., E. H. Hassan, A. Ibrahim, **A. A. Sadek**, A. E. Müller, and R. Staufenbiel (2018). Evaluation of Serum Mineral Profiles in Bovine with Foreign Body Syndrome, 12. Berlin Brandenburger Rindertag 2018, Germany.
- **A. A. Sadek**, S. M. Seliem, M. M. Semieka and S. K. Abdelgaffar (2016). Intra-articular injection of whole bone marrow aspirate accelerates avascular meniscal healing in canine medial meniscal tear model., The 17th Scientific Congress of College of veterinary medicine, Assiut university "The Role of Scientific Research in The Livestock Development and Food Safety", 6-8 December, Assiut University, Egypt.
- Abd El-Hakiem, M.A.H.; Saleh, T.M.A.; **Ibrahiem, A.A.**; Abd Ellah, M.R. (2013). Unusual case of pre-reticular abscess in a buffalo (A case report)., XX International congress of Mediterranean federation of Health and Production of Ruminants, 19-22 February, Assiut University, Egypt. 187-191.
- **Under Review**
 - * Ibrahim, Ahmed; Abou-Khalil, Nasser S.; Ragab, Sohair M. M.; Abul-Hafeez, Essam Y.; Ali, Marwa F.; El-Sherry, Taymour M.; Mofadel, Haitham A.; Mohammed, Mohammed G.; **Sadek, Ahmed Abdelrahiem**. "Neem seed extract as a natural sterilizing agent versus surgical castration in dogs: testosterone and oxidative stress profile".
 - * **Sadek, Ahmed Abdelrahiem**; Hussein, Hussein Awad; Soliman, Mahmoud; Abd-Elkareem, Mahmoud; Hussein, Kamal. "Gelatin versus Alginate Sponges for Minimizing Peritendinous Adhesions after Superficial Digital Flexor Tenotomy in Donkeys".
- **Under Submission**
 - * Hussein, Kamal; **Sadek, Ahmed Abdelrahiem**; Abdou, Mohamed; Abd-elgaffar, Sary Khalil, Ahmed, Ahmed Fathi; Radad, Khaled. Myxofibrosarcoma in a female German Shepherd dog: Case report.

***Sadek, Ahmed Abdelrahiem;** Soliman, Mahmoud; Eissa. Osama Mohamed; Abd-Elkareem, Mahmoud; Abdelhamid, Hani Nasser; Hussein, Kamal.” Capability of Zirconium oxide on porous carbon and Zirconium oxide on N-doped porous carbon nanomaterials as scaffolds for bone tissue engineering in rabbits critical-sized bone defect model”.

* **Sadek, Ahmed Abdelrahiem;** Soliman, Mahmoud; Eissa. Osama Mohamed; Abd-Elkareem, Mahmoud; Abdal-hay, Abdalla; Hussein, Kamal.” The efficiency of Bios, hydroxyapatite, and apatite materials in repair of critical-sized femoral condyle bone defect in rabbits”.

* **Sadek, Ahmed Abdelrahiem;** Abozakayb, Fatma; Eissa. Osama Mohamed; Hussein, Kamal.” Evaluation of the efficacy of gelatine sponge combined with bone marrow aspirate in stimulation of skin wound healing in rabbit model”.