



السيرة الذاتية

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قسم التوليد والتناسل والتلقيح الإصطناعي

كلية الطب البيطري / جامعة كفر الشيخ

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تاريخ الميلاد: 1979/12/25م

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بلازا تور - الدور الحادي عشر - شقة رقم 4.

• محافظة كفرالشيخ - مركز كفرالشيخ - سخا - 5 ش - مجمع مبارك -
برج الأقصي - الدور الثالث - شقة رقم 4.

تليفون المنزل: 047/3220821 📞 01064005262 📞

الوظيفة الحالية: أستاذ ورئيس قسم التوليد والتناسل والتلقيح الإصطناعي
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مجالات الخبرة:

- تشخيص وعلاج مشاكل نقص الخصوبة في حيوانات المزرعة والحيوانات الأليفة.
- التشخيص والتعامل مع مشاكل عسر الولادة في حيوانات المزرعة والحيوانات الأليفة.
- تصميم برامج للتبويض المتعدد في الأبل وتطبيقها في مزارع الأبل لرفع الكفاءة التناسلية لها.
- دراسة تأثير بعض منشطات المبايض وعوامل مضادات الأكسدة على خصوبة الإبل المستخدمة في عمليات نقل الإجنه.
- استخدام التقنيات الحديثة لرفع وتحسين الكفاءة التناسلية لحيوانات المزرعة والحيوانات الأليفة.
- استخدام الوسائل التشخيصية والتقنيات الحديثة في مجال التلقيح الإصطناعي وأمراض التناسل والذكورة.
- استشاري بيطري للعديد من مزارع الابقار (تسمين وحلاب) ومزارع الخيول (عربية وخليط) في محافظات الوجه البحري - جمهورية مصر العربية.
- استشاري علمي للعديد من شركات الادوية البيطرية (دواجن - ابقار - خيول - حيوانات منزلية) بجمهورية مصر العربية.
- ممثل قسم التوليد والتناسل والتلقيح الاصطناعي في جميع القوافل الطبية البيطرية في محافظتي كفرالشيخ والغربية لعلاج الحيوانات وتوعية مربي الماشية.
- ممثل نقابة الاطباء البيطريين بمحافظة كفرالشيخ والغربية في جميع الندوات والمؤتمرات و ورش العمل لتوعية الخريجين عن دور الطبيب البيطري في تنمية المجتمع وخدمة البيئة ودعم الاقتصاد المصري.

إشراف علي رسائل الدكتوراه (3):

- طب/ محيي الدين أحمد عاشور الدهان (التعرف علي بعض دلالات الخصوبة في الكباش) 2015/11/15م تم المنح بتاريخ 2020/1/28م.
- طب/ ابراهيم منصور عبدالله ابراهيم (دراسة تأثير بعض الإضافات البيولوجية علي خصائص السائل المنوي أثناء المراحل المختلفة لتجميد السائل المنوي وبعد الاذابة في طلائق الجاموس المصري) 2020/11/15م وتم المنح بتاريخ 2024/8/27م.
- طب/ أحمد محمد فوزي رضوان (تأثير إضافة بعض المستخلصات النباتية علي خصوبة السائل المنوي في طلائق الجاموس المصري) 2021/7/25م وتم المنح بتاريخ 2025/9/29م.



إشراف علي رسائل الماجستير (13):

- طب/ حمدي عبدالحى عبدالفتاح حطب (المشاكل والكفاءة التناسلية فيما بعد الولادة خلال موسمي التناسل العالي والمنخفض في الجاموس المصري) 2013/6/16م وتم المنح بتاريخ 2020/11/24م.
- طب/ علي محمد علي محمد غانم (دراسة الظروف التي تحدث أثناء وبعد الولادة والتي تؤثر علي الكفاءة التناسلية للجاموس) 2013/12/15م وتم المنح بتاريخ 2019/11/26م.
- طب/ أحمد عبدالمنعم العاصي (علاجات متقدمة لبعض مشاكل نقص الخصوبة في الماشية) 2014/12/21م.
- طب/ محمد رمضان اسماعيل كناني (التعرف علي بعض دلالات الخصوبة في طلائق الجاموس) 2015/11/15م.
- طب/ محمود شفيق محمد سلامه (العوامل التي تؤثر علي نسبة العشار في إناث الجمال المستلمة ضمن برامج نقل الأجنة) 2015/11/15م.
- طب/ عبدالله سالم منجود إبراهيم (تحفيز إستجابة المبيضين لإحداث التبويض المتعدد في حيوانات المزرعة) 2016/12/18م.
- طب/ محمد بسيوني سعد محمود (زيادة عدد الأجنة وتحسين جودتها في بروتوكولات نقل الأجنة في الأبقار عالية الادرار) 2017/12/17م.
- كيميائي/ عبدالصير سعد عبدالسلام (دراسات كيميائية حيوية وبيولوجية جزيئية علي الدلالات الحيوية للخصوبة في ذكور حيوانات المزرعة) 2018/12/16م وتم المنح بتاريخ 2023/8/29م.
- طب/ شعبان عبدالنبي عيد محمد (الأساليب الجزيئية لتحسين التكاثر في الجاموس) 2019/11/17م.
- طب/ محمود صبحي عبدالحفيظ عبدالحמיד (تأثير إعطاء بعض مضادات الأكسدة علي جودة السائل المنوي في ذكور الماعز) 2020/11/15م.
- طب/ محمد أحمد محمد البنداري (جودة السائل المنوي بعد الأذابة في الماعز: النهج الجزيئي) 2021/7/25م وتم المنح بتاريخ 2025/5/26م.
- طب/ علاء عبدالحى عبدالحى اسماعيل يوسف (الخصوبة في أناث الكلاب التي عانت من عدوي رحمية بعد الولادة) 2022/11/22م.
- طب/ محمود أحمد عبدالعزيز عيسي (دراسات اكلينيكية علي نقص الخصوبة في الحصان العربي) 2025/04/25م.



List of Publications:

1. Ismail El-Kon, Adel Ramoun, Bahy Serur and **Essam Almadaly**. *Studies on the epididymal spermatozoa of camels (*Camelus dromedarius*)*. **Journal of The Egyptian Veterinary Association**, 2006, 66 (3):45–60.
2. **Essam Almadaly**, Ismail El-kon, Bassiouni Heleil, El-Sayed Fattouh, Koushi Mukoujima, Takuya Ueda, Youichirou Hoshino, Masaki Takasu and Tetsuma Murase. *Methodological factors affecting the results of staining frozen-thawed fertile and sub-fertile Japanese Black bull spermatozoa for acrosomal status*. **Animal Reproduction Science**, 2012, 136:23–32. <https://doi.org/10.1016/j.anireprosci.2012.10.016>
3. **Essam Almadaly**, Foad Farrag, Mostafa Shukry and Tetsuma Murase. *Plasma membrane integrity and morphology of frozen-thawed bull spermatozoa supplemented with desalted and lyophilized seminal plasma*. **Global Veterinaria**, 2014, 13 (5):753–766. [10.5829/idosi.gv.2014.13.05.8684](http://dx.doi.org/10.5829/idosi.gv.2014.13.05.8684)
4. **Essam Almadaly**, Youichirou Hoshino, Takuya Ueta, Koushi Mukoujima, Mostafa Shukry, Foad Farrag, Ismail El-kon, Kazuo Kita, and Tetsuma Murase. *Desalted and lyophilized bovine seminal plasma delays induction of the acrosome reaction in frozen-thawed bovine spermatozoa in response to calcium ionophore*. **Theriogenology**, 2015, 83:175–185. <https://doi.org/10.1016/j.theriogenology.2014.09.004>
5. Mustafa Shukry, Tarek Kamal, Radi Ali, Foad Farrag, **Essam Almadaly**, Ayman A. Saleh, and Mohammed Abu El-Magd. *Pinacidil and levamisole prevent glutamate-induced death of hippocampal neuronal cells through reducing ROS production*. **Neurological Research**, 2015, 37:916–923. <https://doi.org/10.1179/1743132815Y.0000000077>
6. **Essam Almadaly**, Mohey Ashour, Ismail El-Kon, Bassiouni Heleil and El-Sayed Fattouh. *Efficacy of various synchronization protocols on the estrus behavior, lambing rate and prolificacy in Rahmani Egyptian ewes during the non-breeding season*. **Asian Journal of Animal and Veterinary Advances**, 2016, 11 (1):34–43. [10.3923/ajava.2016.34.43](http://dx.doi.org/10.3923/ajava.2016.34.43)



7. Islam M. Saadeldin, Candrani Khoirinaya, Su Jin Kim, Joon Ho Moon, **Essam Almadaly** and Byeong Chun Lee. *Blastocysts derivation from somatic cell fusion with premature oocytes (prematuration somatic cell fusion)*. **Development, Growth & differentiation**, 2016, 58:157–166. <https://doi.org/10.1111/dgd.12264>
8. **Essam Almadaly**, Ibrahim Mansour, Nabil Mansour, Aly Karen, Bahy Serur and Ibrahim M. Abd El-Razek. *Efficacy of three synchronization protocols on the pregnancy rate in lactating dairy crossbred cows after fixed time artificial insemination*. **Asian Journal of Animal and Veterinary Advances**, 2016, 11 (5):288–295. [10.3923/ajava.2016.288.295](https://doi.org/10.3923/ajava.2016.288.295)
9. **Essam A. Almadaly**, Foad A. Farrag, Islam M. Saadeldin, Mohammed A. El-Magd and Ibrahim M. Abd El-Razek. *Relationship between total protein concentration of seminal plasma and sperm characteristics of highly fertile, fertile and subfertile Barki ram semen collected by electroejaculation*. **Small Ruminant Research**, 2016, 144:90–99. <https://doi.org/10.1016/j.smallrumres.2016.07.023>
10. Nabil Mansour, **Essam Almadaly**, Aly Karen and Adel Ramoun. *Schistosomus reflexus fetus in a cross-breed Egyptian cow: A case report*. **Global Veterinaria**, 2017, 18 (2):105–107. [10.5829/idosi.gv.2017.105.107](https://doi.org/10.5829/idosi.gv.2017.105.107)
11. **Essam A. Almadaly**, Mohamed E. El-Sharawy, Mostafa S. Atta, Foad A. Farrag, Mahmoud S. Gewaily, Islam M. Saadeldin and Tetsuma Murase. *Desalted and lyophilized seminal plasma increases protein tyrosine-phosphorylation of frozen-thawed bull spermatozoa incubated with a cell-permeable cyclic AMP (cAMP) analog (cBiMPS)*. **Japanese Journal of Veterinary Research**, 2017, 65 (3):113–126. [10.14943/jjvr.65.3.113](https://doi.org/10.14943/jjvr.65.3.113)
12. **Essam A. Almadaly**, Foad A. Farrag and Nasr E. Nasr. *Protein and lipid species in seminal plasma and semen characteristics of fertile Holstein-Friesian bulls*. **Bulgarian Journal of Veterinary Medicine**, 2019, 22 (1): 66–81. [10.15547/bjvm.2019](https://doi.org/10.15547/bjvm.2019)
13. Mustafa S. Atta, **Essam A. Almadaly**, Ali H. El-Far, Rasha M. Saleh, Doaa H. Assar, Soad K. Al Jaouni, Shaker A. Mousa. *Thymoquinone defeats diabetes-induced testicular damage in rats targeting antioxidant, inflammatory and aromatase expression*. **International Journal of Molecular Sciences**, 2017, 18:919–933. <https://doi.org/10.3390/ijms18050919>



14. Nasr E. Nasr, Mostafa A. Elmadawy, **Essam A. Almadaly**, Walied Abdo, Mona M. Zamel. *Garlic powder attenuates apoptosis associated with lead acetate-induced testicular damage in adult male rats.* **Alexandria Journal of Veterinary Science**, 2017, 54(1):70–78. [10.5455/ajvs.268149](https://doi.org/10.5455/ajvs.268149)
15. Khairy M. El-Bayomi, Ayman A. Saleh, Ashraf Awad, Mahmoud S. El-Tarabany, Hadeel S. El-Qaliouby, Mohamed Afifi, Shymaa El-Komy, Walaa M. Essawi, **Essam A. Almadaly** and Mohammed A. El-Magd. *Association of CYP19A1 gene polymorphisms with anoestrus in water buffaloes.* **Reproduction, Fertility and Development**, 2018, 30(3):487–497. <https://doi.org/10.1071/RD16528>
16. Islam M. Saadeldin, Ayman Abdel-Aziz Swelum, Aaser M. Abdelazim, **Essam A. Almadaly**. *Effect of kisspeptin on the developmental competence and early transcript expression in porcine oocytes parthenogenetically activated with different methods.* **BioMed Research International**, 2018, 1–10. <https://doi.org/10.1155/2018/3693602>
17. Foad A. Farrag, Samah A. Lashein, **Essam A. Almadaly**, Mahmoud S. Gewaily, Mustafa S. Atta, Tarek K. Abo-Zaid, Mohamed A. Kassab. *Morphological and immunohistochemical study on the testis of brown-banded bamboo shark (*chiloscyllium punctatum*).* **Alexandria Journal of Veterinary Science**, 2018, 57(1):126–134. [10.5455/ajvs.296408](https://doi.org/10.5455/ajvs.296408)
18. Reza Rajabi-Toustani, Quzi Sharminakter, **Essam A. Almadaly**, Yoichiro Hoshino, Hiromichi Adachi, Koushi Mukoujima, Tetsuma Murase. *Methodological improvement of fluorescein isothiocyanate peanut agglutinin (FITC-PNA) acrosomal integrity staining for frozen-thawed Japanese Black bull spermatozoa.* **Journal of Veterinary Medical Science**, 2019, 81(5):694–702. <https://doi.org/10.1292/jvms.18-0560>
19. A.I. Ja'afaru, **Essam A. Almadaly**, M. Shukry, Shawky Mahmoud, M.F. Saad, A.A. Husain. *Electrocardiographic, endocrine and biochemical stress indices of electroejaculated Egyptian Baladi goat bucks.* **Small Ruminant Research**, 2019, 173:74–80. <https://doi.org/10.1016/j.smallrumres.2019.02.013>
20. **Essam A. Almadaly**, Fady S. Tawfik, Ismail I. El-Kon, Bassiouni A. Heleil, El-Sayed M. Fattouh. *Effect of different cryoprotectants on the post-thaw sperm characteristics and in vivo*



- fertility of buffalo (*bubalus bubalis*) bull semen. **Slovenian Veterinary Research**, 2019, 56 (Suppl. 22):541–551. <http://dx.doi.org/10.26873/SVR-792-2019>
21. Adel A. Ramoun, Ismail I. EL-Kon, **Essam A. Almadaly**, Aly M. Aly and Hasballah A. Abo EL-Ghate. *Assessment the synchrony between uterine status and hormonal profiles in modified ovsync protocols in relation to fertility in buffaloes*. **Slovenian Veterinary Research**, 2019, 56, (Suppl; 22):579–588. <http://dx.doi.org/10.26873/SVR-795-2019>
 22. Adel A. Ramoun, **Essam A. Almadaly**, Hamdy A. Hattab, Samy A. Darwish and Ismail I. EL-Kon. *Transrectal ultrasonography and rectal palpation for judging uterine and cervical involutions in Buffalo: A comparative study*. **Slovenian Veterinary Research**, 2019, 56, (Suppl; 22):239–248. <http://dx.doi.org/10.26873/SVR-763-2019>
 23. Ayman S. Atiba, Alaa Ghazy, Foad A. Farrag, Mohammed A. El-Magd, **Essam A. Almadaly**. *Ultrasound-guided brachial plexus nerve block in Donkeys*. **Slovenian Veterinary Research**, 2019, 56, (Suppl; 22):7–14. <http://dx.doi.org/10.26873/SVR-739-2019>
 24. **Essam A. Almadaly**, Mohey A. Ashour, Ismail I. El-Kon, Bassiouni A. Heleil. *Traditional and non-traditional methods used for discrimination among Ossimi rams with different field fertility*. **Small Ruminant Research**, 2019, 179:30–38. <https://doi.org/10.1016/j.smallrumres.2019.09.003>
 25. Mahmoud S. Gewaily, Mohamed Kassab, Foad A. Farrag, **Essam A. Almadaly**, Mustafa S. Atta, Ahmed Abd-Elmaksoud, Tomohiko Wakayama. *Comparative expression of cell adhesion molecule1 (CADM1) in the testes of experimental mice and some farm animals*. **Acta Histochemica**, 2020, 122(1) (*In Press*). <https://doi.org/10.1016/j.acthis.2019.151456>
 26. Mustafa S. Atta, Foad A. Farrag, **Essam A. Almadaly**, Hanan A. Ghoneim, Ahmed S. Hafez, Soad K. Al Jaouni, Shaker A. Mousa, Ali H. El-Far. *Transcriptomic and biochemical effects of pycnogenol in ameliorating heat stress-related oxidative alterations in rats*. **Journal of Thermal Biology**, 2020, 93 (*In Press*). <https://doi.org/10.1016/j.jtherbio.2020.102683>
 27. **Essam A. Almadaly**, Mohey A. Ashour, Mohamed S. Elfeky, Mahmoud S. Gewaily, Doaa H. Assar, Inas M. Gamal. *Seminal plasma and serum fertility biomarkers in Ossimi rams and their*



- relationship with functional membrane integrity and morphology of spermatozoa. **Small Ruminant Research**, 2021, 196 (*In Press*). <https://doi.org/10.1016/j.smallrumres.2021.106318>
28. Mohamed E. El-Sharawy, **Essam A. Almadaly**, Wael B. El-Domany, Mohamed M. Essawy, Shrief M. Shamiah, Ibrahim S. El-Shamaa, Helmy K. Zaghloul. *Ultrastructural changes in immature ovine cumulus-oocyte complexes vitrified in conventional and open pulled straws*. **Small Ruminant Research**, 2021, 199 (*In Press*). <https://doi.org/10.1016/j.smallrumres.2021.106367>
29. Ahmed M. Fawzy, Sally Ibrahim, Karima Mahmoud, Bassiouni A. Heleil, I. El-Kon Ismail, **Essam A. Almadaly**, Mohammed A. El-Magd and Adel A. Ramoun. *Differential molecular and hormonal changes in oocytes, granulosa cells and follicular fluid of pregnant and non-pregnant camels*. **Zygote**, 2021, 29:427–434. <https://doi.org/10.1017/S096719942000091X>
30. Ahmed M. Fawzy, Sally Ibrahim, Karima Mahmoud, Bassiouni A. Heleil, Ismail I. El-Kon, **Essam A. Almadaly**, Adel A. Ramoun. *Gene expression profiles in the oocyte and granulosa cells and concomitant follicular fluid steroid hormone concentrations in pregnant versus non-pregnant she-camels*. **Small Ruminant Research**, 2021, 204 (*In Press*). <https://doi.org/10.1016/j.smallrumres.2021.106514>
31. Mahmoud S. Gewaily, Mohamed Kassab, Asmaa Aboelnour, **Essam A. Almadaly** and Ahmed E. Noreldin. *Comparative cellular localization of sugar residues in bull (*Bos taurus*) and donkey (*Equus asinus*) testes using lectin histochemistry*. **Microscopy and Microanalysis**, 2021, 27:1529–1538. <https://doi.org/10.1017/S1431927621012939>
32. **Essam A. Almadaly**, Abdel-Basaer S. Abdel-Salam, Ferial M. Sahwan, Khaled A. Kahilo, Tarek K. Abouzed and Wael B. El-Domany. *Fertility-associated biochemical components in seminal plasma and serum of buffalo (*bubalus bubalis*) bulls*. **Frontiers in Veterinary Science**, 2022, 9:(*In Press*) <https://doi.org/10.3389/fvets.2022.1043379>
33. **Essam A. Almadaly**, Ibrahim M. Ibrahim, Maha S. Salama, Mohey A. Ashour, Ferial M. Sahwan, Ismail I. El-Kon, Tarek K. Abo-Zaid, and Wael B. El-Domany. *Effect of platelet-rich plasma (PRP) on post-thaw quality, kinematics and in vivo fertility of fertile and subfertile*



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34. Abdel-Khalek, A.E., El-Maghraby, M.M., Zizy I. Elbially, Rasha A. Al wakeel, **Essam A. Almadaly**, Shukry, M., El-Badawy, A.A., Zaghloul, H.K., Doaa H. Assar. *Mitigation of endogenous oxidative stress and improving growth, haemato-biochemical parameters, and reproductive performance of Zaraibi goat bucks by dietary supplementation with chlorella vulgaris or/and vitamin C*. **Tropical Animal Health and Production**, 2023 (*In Press*) <https://doi.org/10.21203/rs.3.rs-2388716/v1>
35. **Essam A. Almadaly**, Ferial M. Sahwan, Wael B. El-Domany, Ahmed M. Fawzy, Mustafa Shukry, Foad Farrag. *Comparison of estrus response and subsequent fertility following estrus synchronization with six protocols in Ossimi ewes during the early summer season*. **Veterinaria Mexico OA**, 2023, 10:(*In Press*). <https://doi.org/10.22201/fmvz.24486760e.2023.1058>
36. Karima Gh.M. Mahmoud, Ahmed S.A. Sosa, Hassan R.H. Darwish, Sally Ibrahim, Mahmoud H. Hasanain, **Essam A. Almadaly**, Abdelaziz M. Sakr, A. Sh. E. Shams and Daniela Elena Ilie. *Four SNPs in the untranslated region of the NOTCH2 gene involved in reproductive traits in fertile and anestrus Holstein Friesian cattle*. **BMC Veterinary Research**, 2024, 20:581 (*In Press*) <https://doi.org/10.1186/s12917-024-04393-1>
37. Ahmed M.E. Shipa, Khaled A. Kahilo, Samir A. Elshazly, Ehab S. Taher, Nasr E. Nasr, Badriyah S. Alotaibi, **Essam A. Almadaly**, Mona Assas, Walied Abdo, Tarek K. Abouzed, Abdulati Elsanusi Salem, Damla Kirci, Hesham R El-Seedi, Mohamed S. Refaey, Nermin I. Rizk, Mustafa Shukry, Doaa A. Dorghamm. *Protective effect of petroselinum crispum methanolic extract against acrylamide-induced reproductive toxicity in male rats through NF- κ B, kinesin, steroidogenesis pathways*. **Reproductive Toxicology**, 2024, 126:(*In Press*) <https://doi.org/10.1016/j.reprotox.2024.108586>
38. Nesma H. Elsayy, Samir A. Elshazly, Azza M. Elkattawy, Nasr E. Nasr, **Essam A. Almadaly**, Mohamed S. Refaey, Khaled A. Kahilo, Mona Assas, Walied Abdo, Tarek K. Abouzed, Doaa Abdullah Dorghamm. *Ameliorative effect of odontonema cuspidatum extract against testicular*



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39. **Essam A. Almadaly**, Ibrahim I. Mansour, Ferial M. Sahwan, Ahmed M. Shehabeldin, Ismail I. El-Kon, Abdelaziz M. Sakr, Wael B. El-Domany, Adel A. Ramoun. *Effect of adding autologous platelet-rich plasma to the freezing extender on the post-thaw quality and in vitro fertility of buffalo (*bubalus bubalis*) spermatozoa*. *Egyptian Journal of Veterinary Sciences*, **2025**, 56(3):617–626. [10.21608/ejvs.2024.254249.1712](https://doi.org/10.21608/ejvs.2024.254249.1712)
40. Adel Ramoun, Mohamed Aly El-Kholy, Sahar Hamdy Elnaggar, Basiouni Abd El-kader Heleil, Ismail El-Kon, **Essam A. Almadaly**. *Effect of ovulatory follicle size on fertility of ovsynch-TAI cows, versus spontaneous estrous cows inseminated based on heat detection*. *Egyptian Journal of Veterinary Sciences*, **2025**, 56(6):1357–1367 [10.21608/ejvs.2024.277553.1929](https://doi.org/10.21608/ejvs.2024.277553.1929)
41. **Essam A. Almadaly**, Mohamed A. Elbendary, Ferial M. Sahwan, Ahmed M. Shehabeldin, Wael B. El-Domany, Ismail I. El-Kon, Adel A. Ramoun. *Quercetin supplementation in Tris egg yolk extender improves the post-thaw quality of zaraibi buck semen*. *Egyptian Journal of Veterinary Sciences*, **2026**, 57(1):387-395. [10.21608/ejvs.2024.332755.2467](https://doi.org/10.21608/ejvs.2024.332755.2467)
42. **Essam A. Almadaly**, Ahmed M. Fawzy, Yasser M. Eldeeb, Ahmed M. Shehabeldin, Mohamed M. Hegazy, Adel A. Ramoun, Ismail I. El-Kon, and Bassiouni A. Heleil. *The post thaw quality, antioxidant activity, and in vivo fertility of frozen-thawed buffalo bull semen frozen-stored in the presence of different concentrations of freeze-dried clove powder*. *Egyptian Journal of Veterinary Sciences*, **2025** (In Press). [DOI: 10.21608/ejvs.2025.385165.2847](https://doi.org/10.21608/ejvs.2025.385165.2847)
43. Ahmed M. Fawzy, Yasser M. Eldeeb, Ahmed M. Shehabeldin, Mohamed M. Hegazy, Adel A. Ramoun, Ismail I. El-Kon, Bassiouni A. Heleil, and **Essam A. Almadaly**. *The post thaw quality, antioxidant activity, and in vivo fertility of frozen-thawed buffalo bull semen frozen-stored in the presence of different concentrations of freeze-dried fennel powder*. *Egyptian Journal of Veterinary Sciences*, **2025** (In Press). [10.21608/ejvs.2025.385214.2848](https://doi.org/10.21608/ejvs.2025.385214.2848)
44. **Essam A. Almadaly**, Mohamed A. Elbendary, Samia M. Abd El-Reheem, Ahmed M. Shehabeldin, Wael B. El-Domany, Adel A. Ramoun. *The post-thaw quality, antioxidant activity, and in vivo fertility of zaraibi buck semen frozen-stored in the presence of different*



concentrations of either quercetin or L-arginine. *Cryobiology*, 2026, 122:105580 (In Press). <https://doi.org/10.1016/j.cryobiol.2025.105580>

VII- International conferences:

- 1- **Essam Almadaly**, Koushi Mukoujima, Takuya Ueda, Youichirou Hoshino, Ismail El-kon, Mostafa Shukry, Foad Farrag, Masaki Takasu, Bassiouni Heleil, El-Sayed Fattouh and Tetsuma Murase: *Effects of seminal plasma on post-thaw quality and function of Japanese Black bull spermatozoa. The 156th Annual International Scientific meeting of the Japanese Society of Veterinary Science was held on September 20th–22nd, 2013, Gifu University, Japan.*
- 2- **Essam Almadaly**, Y. Akemi, Foad Farrag, Mostafa Shukry and Tetsuma Murase: *Protein and Lipid species of seminal plasma and semen characteristics in Holstein bulls. The 9th International Symposium on Reproduction in Domestic Ruminants held in Obihiro, Hokkaido, Japan, August–2014.*

VIII- Skills, Experience, and Training Programs:

- ❖ Holding an **ICDL certificate** from nearly 15 years ago.
- ❖ Holding an international **TOEFL certificate** from IBC, Tanta branch on 21st–February–2009.
- ❖ Obtaining several training programs of **FLDP** and **IFLDC**, such as:
 - *Methods of Scientific Research.*
 - *Use of Technology in Teaching.*
 - *Effective Communication Skills.*
 - *Legal Aspects of Universities.*
 - *Effective Presentation Skills.*
 - *Evaluation of Teaching.*
 - *Thinking.*
 - *How to design a research project.*
 - *Methods of Education.*
 - *E. Learning.*
 - *Time and meeting management.*
 - *Competitive Research Projects.*
 - *Occupation Ethics.*
- ❖ Obtaining several training programs of **ICTT**, such as SPSS, and the application of regulations and control subjects.



- ❖ Holding the university prize for the [International Scientific Publication in 4/2013](#) (**one paper**).
- ❖ Holding the university prize for the [International Scientific Publication in 4/2015](#) (**one paper**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2016](#) (**two papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2017](#) (**two papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2018](#) (**one paper**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2019](#) (**one paper**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2020](#) (**two papers**).
- ❖ Holding the [University Encouragement Award](#) for the academic year 2019/2020 (Medical Sciences).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2021](#) (**three papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2022](#) (**Two papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2023](#) (**Two papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2024](#) (**Two papers**).
- ❖ Holding the university prize for the [International Scientific Publication in 5/2025](#) (**Two papers**).
- ❖ Candidate for the university prize for the [International Scientific Publication in 5/2026](#) (**Two papers**).



- ❖ Participant in the 3rd Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 10th to 12th May 2009.
- ❖ Participant in the Scientific Symposium entitled "Recycling the household wastes" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 21st February 2012.
- ❖ Participant in the Scientific Symposium entitled "Disease problems in fish farms of Kafrelsheikh Governorate" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 18th–May–2014.
- ❖ Participant in the Scientific Symposium entitled "Parasitic problems in poultry farms" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 19th–April–2015.
- ❖ Lecturer in the workshop entitled "Uses of Ultrasound in diagnosis of infertility problems in farm animals" from **14th to 16th September 2015.**
- ❖ Participant in the Scientific Symposium entitled "New trends in feeding of high lactating dairy cows during pre and post-partum period in the 21st century" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 27th–October–2015.
- ❖ Participant in the Scientific Symposium entitled "Artificial insemination between reality and hope" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 24th–February–2016.
- ❖ Participant in the 4th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 12th to 14th May 2016, Alexandria, Egypt.
- ❖ Participant in the Scientific Symposium entitled "Brucellosis between human and animal" held in the Faculty of Veterinary Medicine, Kafrelsheikh University on 8th–November–2016.
- ❖ Participant in the 5th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 5th–9th–March–2019, Hurghada, Egypt.
- ❖ Participant in the 6th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 17th–21st–November–2021, Hurghada, Egypt.
- ❖ Participant in the 7th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University on 17th–21st–May–2024, Hurghada, Egypt.
- ❖ Participant in the 8th Scientific Conference of the Faculty of Veterinary Medicine, Kafrelsheikh University, on 29th–April to 3rd–May–2025, Sharm El-Sheikh, Egypt.



- ❖ Editorial board member in the **International Journal of Animal Science and Technology**.
- ❖ **Potent Expertise Reviewer** in top-ranked, highly specialized international impact journals such as:

1. **Theriogenology.**
2. **Animal Reproduction Science.**
3. **Reproduction in Domestic Animals.**
4. **Small Ruminant Research.**
5. **Scientific Reports.**
6. **Journal of Proteomics.**
7. **Veterinary Research Communications.**
8. **Domestic Animal Endocrinology.**
9. **BMC Veterinary Research.**
10. **ACS Chemical Neuroscience.**
11. **Journal of Agricultural and Food Chemistry.**
12. **International Journal of Biological Macromolecules.**
13. **Research In Veterinary Science.**
14. **Veterinary and Animal Science.**
15. **Veterinary Medicine International.**
16. **Annals of Animal Science.**
17. **Veterinary World.**
18. **Archive of Reproductive Medicine.**
19. **Medical Hypotheses.**
20. **Open Veterinary Journal.**
21. **Asian Journal of Research in Biochemistry.**
22. **Merit Research Journal of Medicine and Medicinal Sciences.**
23. **Medicine.**
24. **Journal of Agricultural and Food Chemistry.**
25. **Songklanakarinn Journal of Science and Technology.**
26. **Revista Brasileira de Zootecnia.**



27. Ruminant Science.
28. Kafrelsheikh Veterinary Medical Journal.
29. Iranian Journal of Applied Animal Science.