



السيرة الذاتية

عصام عبدالسلام مصطفى عبدالرحمن المعدلي

قسم التوليد والتناسل والتلقيح الاصطناعي

كلية الطب البيطري / جامعة كفر الشيخ

البيانات الشخصية:

الاسم: عصام عبدالسلام مصطفى عبدالرحمن المعدلي

النوع: ذكر

الديانة: مسلم

الجنسية: مصري

تاريخ الميلاد: 1979/12/25م

العنوان: • محافظة كفرالشيخ - مركز كفرالشيخ - جامعة كفرالشيخ - كلية الطب البيطري - قسم التوليد والتناسل والتلقيح الاصطناعي.

تليفون المنزل: 047/3220821 📞 01064005262 📠

الوظيفة الحالية: أستاذ ورئيس قسم التوليد والتناسل والتلقيح الاصطناعي
كلية الطب البيطري - جامعة كفرالشيخ.

تليفون العمل: 047/3116211 📞

فاكس: 047/3116211 📠



- البريد الإلكتروني : dr_essam_2005@yahoo.com
- essam.mostafa@vet.kfs.edu.eg
- habibysofy@yahoo.com

السجل الأكاديمي:

- مهمة علمية بعد الدكتوراه لمدة 6 شهور من 2013/9/19م الي 2014/3/20م بجامعة جيفو - اليابان.
- دكتوراه الفلسفة فى العلوم الطبية البيطرية - جامعة كفرالشيخ - يونيو 2012م.
- إشراف مشترك بين جامعة جيفو (اليابان) وجامعة كفرالشيخ (مصر) من يناير 2010 الي ديسمبر 2011 م.
- ماجستير العلوم الطبية البيطرية - جامعة طنطا 2006م.
- بكالوريوس العلوم الطبية البيطرية بتقديرعام جيد جدا مع مرتبة الشرف (المركز الثاني) - جامعة طنطا 2002م.

الوظائف الأكاديمية:

- رئيس قسم التوليد والتناسل والتلقيح الإصطناعي - جامعة كفرالشيخ من اكتوبر 2021م وحتى تاريخه.
- أستاذ التوليد والتناسل والتلقيح الإصطناعي - جامعة كفرالشيخ من أغسطس 2022 وحتى تاريخه.
- أستاذ مساعد التوليد والتناسل والتلقيح الإصطناعي - جامعة كفرالشيخ من يوليو 2017 وحتى اغسطس 2022م.
- مدرس التوليد والتناسل والتلقيح الإصطناعي / جامعة كفرالشيخ من يونيو 2012 الي يوليو 2017م.
- مدرس مساعد التوليد والتناسل والتلقيح الإصطناعي / جامعة كفرالشيخ من اغسطس 2006 الي يونيو 2012م.
- معيد التوليد والتناسل والتلقيح الإصطناعي / جامعة طنطا - فرع كفرالشيخ من يوليو 2003 الي اغسطس 2006م.

وظائف أخرى:

- باحث زائر بكلية العلوم البيولوجية التطبيقية / جامعة جيفو باليابان من يناير 2010 الي ديسمبر 2011م.
- باحث زائر بكلية العلوم البيولوجية التطبيقية / جامعة جيفو باليابان من سبتمبر 2013 الي مارس 2014م.

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.
- إستشاري 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 بمحافظتي 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 عبدالحي 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 عبدالحي عبدالحي 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](https://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](https://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: 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*



- buffalo (*Bubalus bubalis*) spermatozoa. **Veterinary Research Communications**, 2023 47(1):61–72. [DOI: 10.1007/s11259-022-09928-1](https://doi.org/10.1007/s11259-022-09928-1)
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*



- damage induced by sodium nitrite in rats. *Open Veterinary Journal* **2024**, 14(1):304–315 [10.5455/OVJ.2024.v14.i1.27](https://doi.org/10.5455/OVJ.2024.v14.i1.27)
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>

45. Mohamed H. Mohamed, Samia M. Abd El-Rheem, **Essam A. Almadaly**, Azza M.A.E. Alkattawy, Nasr EL. Nasr, Doaa A. Dorghamm, Walied S. Abdo, Mona Assas, Tarek K. Abouzed, Wael B. El-Domany. *Effect of ginger extract and/or fenofibrate on the associated infertility of experimentally induced obese Wistar Albino male rats*. *Reproductive Biology*, 2026, 26: 101208 (*In Press*) <https://doi.org/10.1016/j.repbio.2026.101208>
46. Huda M. Fouda, Tarek A. Yosef, Samia M. Abd El-Rheem, **Essam A. Almadaly**, and Hanaa M. Hegazy. *Protective effect of Chlorella vulgaris on sub-chronic hepatic and testicular toxicity induced by acetamidiprid in rats*. *Frontiers in Veterinary Science* 2026, (*In press*).

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.*
- *Effective Presentation Skills.*
- *Thinking.*
- *Methods of Education.*
- *Time and meeting management.*
- *Occupation Ethics.*
- *Legal Aspects of Universities.*
- *Evaluation of Teaching.*
- *How to design a research project.*
- *E. Learning.*
- *Competitive Research Projects.*

- ❖ 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. Songklanakarin 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.**