



Curriculum vitae (CV)

Personal Information

Name: Hassan Abdel-Sabour Ali **Hussein**

Date and place of birth: 31 May, 1969- Assiut, Egypt.

Gender: Male **Nationality:** Egyptian

Marital status: Married and I have children

Military status: postponed

Post address: Dept. Theriogenology, Faculty Vet. Med., Assiut University, 71526 Assiut, Egypt.

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Scopus web sites: <https://www.scopus.com/authid/detail.uri?authorId=57205147198>

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Web site Publons: <https://publons.com/researcher/1660053/hassan-hussein/metrics/>

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Education & Qualifications:

B. V. Sc.: May 1992 (very good with Honor), Assiut University, Egypt

M. V. Sc.: Dec. 1996 (Reproduction in sheep), Assiut University, Egypt

PhD V. Sc.: Feb. 2003 (Reproduction program in cattle)

Justus-Liebig University., Giessen, Germany

General specialization: Veterinary obstetrics, Gynecology and A.I.

Fine Specialization: Reproduction programs in farm animals, Reproductive biotechnology.

Career progression

1. Demonstrator of Theriogenology: 1993-1996 in Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
2. Assistant lecturer of Theriogenology: 1997-1999 in Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
3. Coworker in Theriogenology: 1999-2003. in Kinik fuer Geburtshilfe, Gnaecologie und Andrologie der Gross- und Kleintiere mit Tieraerztlicher Ambulany der Justus-Liebig-Universitaet, Giessen, Germany.
4. Lecturer of Theriogenology: 2003 in Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
5. Assistant professor of Theriogenology 2008 in Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
6. Professor of Theriogenology since 2013 in Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
7. Director of the Veterinary clinic, Assiut University since 2013.
8. Head of theriogenology department, Faculty Vet Med, Assiut University since Aug. 2017.
9. Member in the Scientific Committee for the Promotion of the Professor and Associate Professors (Supreme Council of Universities, SCU) since 2017 till now.

Skills & Activities

Skills Master degree in vet. Theriogenology, 1996, Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.

Scholarship from Egyptian government in Germany: 1999-2003 (for PhD).

Ph. D. of theriogenology, 2003, Justus-Liebig University, Giessen, Germany

Scientific advisor of Misr El-Khair Institution (Supervision on Ard El-Khair dairy and beef farms 2011-2015).

Good experience in: Veterinary Medicine, Veterinary Obstetrics, Dairy Science, Ovarian diseases, Semen Analysis, Hormonal Analysis ELISA, RIA, Antioxidant analysis, reproductive biotechnology (Artificial insemination, In Vitro fertilization and Embryo Transfer), Ultrasonography, Doppler Ultrasonography, Animal Breeding, Animal Reproduction, Reproductive protocols, Equine Reproduction, Reproductive immunity. Student testing and qualifications (under- and postgraduate). Supervision of about 15 master and PhD degrees and about 70 scientific articles published mostly in international journals with valuable impact factor.

International referee

Theriogenology

Animal Reproduction Science

Small Ruminant Research

Reproduction in Domestic Animals

Iranian Journal of Animal Science

Comparative Clinical Pathology

Tropical Animal Health and Production

Veterinarski arhiv

Assiut Veterinary Medical Journal

Membership

Member of the Egyptian society for animal reproduction and fertility.

Member of the Egyptian society of cattle disease.

Member of Camel Diseases Society

Member of Egyptian society of Equine diseases

Research experience

1. Master degree in vet. Theriogenology, 1996, Dept. Theriogenology, Faculty Vet. Med., Assiut University, Egypt.
2. Scholarship from Egyptian government in Germany: 1999-2003 (for PhD).
3. PhD of theriogenology, 2003, Justus-Liebig University, Giessen, Germany.
4. Good researcher in the branches of veterinary theriogenology.
5. Good experience in hormonal analysis using ELISA, RIA.
6. Good experience in reproductive biotechnology (AI, IVF, embryo transfer)
7. Very good experience in teaching undergraduate and postgraduate veterinary medicine students.
8. Good experience in student testing and qualifications (under- and postgraduate).
9. Supervision of about 15 master and PhD degrees and about 70 scientific articles published mostly in international journals with valuable impact factor.
10. Member of the Egyptian society for animal reproduction and fertility.
11. Member of the Egyptian society of cattle disease.

12. Very good experience in the clinical practice and treatment of all diseased animals in all veterinary branches (Surgery, medicine, obstetrics, gynecology).
13. Scientific advisor of Misr El-Khair Institution (Supervision on Ard El-Khair dairy and beef farms 2011-2014).
14. Member of Deutsche Forschung Gesellschaft (DFG).
15. Post-doctor scholarship (6 months) in Germany 2014/2015
16. **Language knowledge:** Arabic Mother tongue, English very good.
German Excellent, France little

Awards & Grants

Jun 1993-2018 Awards: of Environment and community service development from Assiut university (yearly)

Feb 1999 Scholarship from Egyptian government: 1999-2003 (for PhD), Jutus-Liebig Universitaet, Giessen, Germany.

March 2008 Award: of Environment and community service development from El-Azhar University (Assiut Branch, Faculty of Agriculture)

Jun 2011 Award: of Scientific Excellence from Misr EL-Khair foundation

Jun 2012 Award: of Excellence in Scientific Publication Awards (ESCPA)

Jun 2013 Post Doc. Scholarship for 6 months/ scientific researches in Germany

Mar 2014 Award: of Scientific Excellence in Agricultural science from Assiut University

August 2018 Post Doc. Scholarship for 3 months/ scientific researches in Germany

Head of Theriogenology Dept.: Prof Dr. Hassan A Hussein
Vice Dean of Graduate Studies: Prof Dr. Hassan A Abdel-Raheem
Faculty Dean Prof Dr. Madeha Hosny Darwish

List of publication

1. Ramadan Sary, Karim Khalil, Ramya Sindi, Ragab H. Mohamed, **Hassan A. Hussein**, Refaat A. Eid, Haney Samir, Mohammed M. Alkahtani, Ayman A. Swelum and Ahmed E. Ahmed (2022). [Characteristics of Ultrasound and Magnetic Resonance Imaging of Normal Testes and Epididymis besides Angiography of Testicular Artery in Dromedary Camel.](#) Frontiers in veterinary science (in press)
2. **Hassan A. Hussein**, Ahmed S A Hassaneen, Ali E Montaser, Abdallah M Ashour, Salem M Fahmy, Belal F Farrag, Ramya A Sindi, Ayman Abdel-Aziz Swelum and Ahmed E Ahmed (2022). [The impact of Rumen-Protected L-Arginine Oral Supplementation on Libido, Semen Quality, Reproductive Organ Biometry and Serum biochemical Parameters of Rams.](#) Frontiers in veterinary science (in press)
3. Wafaa H. mohamed; Marwa F. Ali; Doha Yahia; **Hassan A. Hussein** (2022). [Reproductive effects of sulfoxaflo in male Sprague dawely rats.](#) Accepted for publication in *Enviromental science and pollution research* (in press).
4. **Hussein HA**, Schuler G, Conze T, Wehrend A (2022). [Comparison of three progesterone quantification methods using blood samples drawn from bitches during the periovulatory phase.](#) *Veterinary World*, 15(1): 119-123.

5. Ramadan G. Sary, Hisham A. Abdelrahman, Ragab H. Mohamed, Ahmed M. Hussien, **Hassan A. Hussein**, and Karim M. Khalil1 (2022). [Relationships between the Parity and Pelvimetry of Egyptian Buffalo Cows: Prediction of Dystocia and Estimation of Age.](#) Journal of Buffalo Science, 2022, 11, 1-7.
6. Kamel Sobhy, Samy Metwally, **Hassan Hussein**, Nabil Baker, Ahmed Hassaneen4, Mohamed Elbehery, Nasra Yousef (2021). [Monitoring of early embryonic death associated growth factors as insulin like growth factors binding proteins ILGFBP 1-4 and cytokines in dairy cattle.](https://www.researchgate.net/publication/355475935) Damanhour Journal of Veterinary Sciences 7 (1), (2021) 8-13.
7. Ahmed Osman, **Hassan Hussein**, Mervat Hassan (2021). [Follicular Dynamic in Balady Goat in Upper Egypt Using Ultrasonography.](#) New Valley veterinary journal. Volume 1, Issue 2, Summer 2021, Page 8-14.
8. Osman AM, **Hassan Hussein**, Mervat Hassan (2021). [Biometrical Studies on the Ovaries of Slaughtered Egyptian Balady Does During different phases of Estrous Cycle and Seasons.](#) New Valley Veterinary Journal Vol. 1, Issue (1), 2021 DOI: [10.21608/nvj.2021.177533](https://doi.org/10.21608/nvj.2021.177533)
9. Ragab H Mohamed, Amal M Abo El-Maaty , Rasha S Mohamed , Axel Wehrend , Fatma Ali , **Hassan A Hussein** (2021). [Investigations on the vaginal temperature, cycle stages, and steroid hormone concentrations during the breeding season in camels \(Camelus dromedarius\).](#) Vet World 2021 May;14(5):1102-1108. doi: 10.14202/vetworld.2021.1102-1108. Epub 2021 May 7
10. Ragab H Mohamed, **Hassan A. Hussein**, Mohmed S. Rawy (2020). [Feasibility of Pulsed Wave Doppler for Evaluation of Testicular Hemodynamics during pre and Post-pubertal Periods in Egyptian Male Donkeys.](#) Journal of Advanced Veterinary Research 10(4), 200-205. Retrieved from [https://advetresearch.com/index.php/AVR/article/view/514.](https://advetresearch.com/index.php/AVR/article/view/514)
11. Ramadan G. Sary , Ragab H. Mohamed, Karim M. Khalil, Al-Lethie A. Al-lethie, **Hassan A. Hussein**, 2020. [Relationship between angioarchitecture of the testicular artery and spermogram parameters in Egyptian buffalo bulls \(bubalus bubalis\).](#) Reprod Dom Anim. 2020; 55:343–350 DOI: 10.1111/rda.13635
12. Y. A. Amin, R. H. Mohamed, A. M. Zakaria, A. Wehrend & **Hassan A. Hussein** 2019. [Effects of aflatoxins on some reproductive hormones and composition of buffalo's milk.](#) Comparative Clinical Pathology volume 28, pages1191–1196(2019)
13. **Montaser Ali, Hassan A Hussein** 2019. [IMPROVEMENT OF OVARIAN ACTIVITY AND REPRODUCTIVE PERFORMANCE IN THE SHEEP UNDER UPPER EGYPT ENVIRONMENT.](#) PhD, ElAzhar university, Assiut, Faculty of Agriculture.
14. **Hassan A Hussein**, G Mahmoud Sh. Abbdel-Raheem, A Wehrend 2019. [Impact of short-term protein supplementation on estrus, ovarian activity, and blood metabolites in Ossimi ewes synchronized with PGF2 \$\alpha\$ analogue \(Cloprostenol\) in subtropics.](#) *Biological Rhythm Research* 2019.
15. Hassan Hussein, Ragab H. Mohamed, Amal Abdel-Ra'ouf, Eman Abu-Elnaga, Rasha S Mohamed, Asmaa A. Hussein, Axel Wehrend: [Diagnosis of Brucellosis in recently aborted ewes using serological tests and polymerase chain reaction.](#) Journal of Applied Sciences 02/2019;
16. Anas Salem, Hassan Hussein, Yasmin Gomaa, Faruk Allam: [Effect of Progesterone with Vitamin E on Pregnancy in Young Rabbit Does Address for Correspondence.](#) *American Journal of Advanced Drug Delivery* American

17. Nasra Yousef, Hassan Hussein, Magdy Badr, Ahmed Ezzat: **Effect of Epidermal Growth Factors (EGF) on the Maturation and Developmental Competence of Buffalos' Oocytes and Embryo Stages In Vitro.** 12/2018; 1(2):85-94., DOI:10.21608/svu.2018.19870
18. Montaser E. Ali, Hassan Hussein, Ashour A. M., Fahmy S.: **Significance of rumen protected L-arginine –supplementation on certain blood parameters, mammary gland functions and growth rate of newly born lambs.** Archives of Agricultural Sciences Journal, Volume 1, Issue 2, 2018, Pages 59–67.
19. **Effects of cryoprotectants and cryoprotectant combinations on viability and maturation rates of Camelus dromedaries oocytes vitrified at germinal vesicle stage.** Moustafa Moawad, **Hassan A Hussein**, Mohamed Abdel-Gahni, Gamal Darwish, Magdy R Badr . *Reproduction in Domestic Animals* 2018, DOI: 10.1111/rda.13319 Impact factor 1.6
20. **Effects of different concentrations of epidermal growth factor (EGF) with DMSO on maturation rate of camel oocytes vitrified at germinal vesicle (GV) stage.** Moustafa Moawad, Hassan A Hussein, Mohamed Abdel-Gahni, Gamal Darwish, Magdy R Badr . February 2018, DOI: 10.1111/rda.2018.53.issue- S1/issuetoc. Conference: The 51. Jahrestagung Physiologie & Pathologie der Fortpflanzung and 43. Veterinär- umanmedizinische Gemeinschaftstagung 2018, 21- 23 Feb. Hannover, Germany. At: <http://onlinelibrary.wiley.com/doi/10.1111/rda.2018.53.issue-S1/issuetoc>
21. **A preliminary study on the relationship between the cycle stages and vaginal temperature as well as steroid hormone concentrations in female camels (Camelus dromedarius).** Hassan A Hussein, Ragab H Mohamed, Aml Aboelmaty, RS Mohamed, Axel Wehrend. February 2018, DOI: 10.1111/rda.2018.53.issue-S1/issuetoc. Conference The 51. Jahrestagung Physiologie & Pathologie der Fortpflanzung and 43. Veterinär- Humanmedizinische Gemeinschaftstagung 2018, 21-23 Feb. Hannover, Germany. At:<http://onlinelibrary.wiley.com/doi/10.1111/rda.2018.53.issue-S1/issuetoc>
22. **Histological and immunohistochemical investigations of ovarian interstitial glands during non-breeding season in camels (Camelus dromedarius).** Mahmoud Awad, Ragab H. MohamedYahia A. Amin, **Hassan Hussein.** *Reproduction in Domestic Animals* 2018. 53(44). DOI: 10.1111/rda.13178. Impact factor 1.4
23. **Incidence of puerperal diseases during the first 10 days after foaling in the mare** H A Hussein, M Loose, A Wehrend *Tierärztliche Praxis. Ausgabe G, Grosstiere/Nutztiere* 05/2015; 43(3). DOI:10.15653/TPG-141001 · 0.47 Impact Factor
24. **Perineal hypospadias in a red Holstein-calf: A case report** .L Mihsler, H A Hussein, A Wehrend, *Tierärztliche Praxis. Ausgabe G, Grosstiere/Nutztiere* 03/2015; 43(2). DOI:10.15653/TPG-140945 · 0.47 Impact Factor
25. **Follicular dynamics, steroid hormones and blood metabolites concentrations after long term protein flushing in subtropical ewes** Gamal B. Mahmoud, Sherief. M. Abdel-Raheem, **Hassan A. Hussein** *Aust. J. Basic Appl. Sci.*, 8: 207-216.

26. <http://www.imedpub.com/advanced-drug-delivery/> **Effect of Progesterone with Vitamin E on Pregnancy in Young Rabbit Does**
Address for Correspondence. American Journal of Advanced Drug Delivery American Journal of Advanced Drug Delivery Anas Salem, **Hassan Hussein**, Yasmin Gomaa, Farouk allam
27. **Ovarian response, synchrony of ovulation and fertility following CIDR, Ovsynch and PGF2 α protocols in buffalo-heifers (*Bubalus bubalis*).**
Hassan Hussein, Ragab H. Mohamed, Mohamed Hossam, Axel Wehrend.
Tierärztliche Praxis 2016. 44 (G) (5):1-8, DOI: 10.15653/TPG-160214. 0.47 Impact Factor
28. **Sperm Binding to Oviduct Epithelial Cells Enhances TGFB1 and IL10 Expressions in Epithelial Cells as Well as Neutrophils In Vitro: Prostaglandin E2 As a Main Regulator of Anti-Inflammatory Response in the Bovine Oviduct.** Mohamed Samy Yousef, Mohamed Ali Marey, Nina Hambruch, Hiroyuki Hayakawa⁵, Takashi Shimizu, **Hassan Ali Hussien**, Abdel-Razek Khalifa Abdel-Razek, PLoS ONE 11(9):e0162309 · September 2016. DOI: 10.1371/journal.pone.0162309
29. **Ovarian response and conception rate following oestrus synchronization using three protocols in Egyptian buffalo heifers.**
Hassan A. Hussein; Ragab H. Mohamed; Mohamed Hossam; Axel Wehrend. Tierärztliche Praxis 44 (G)(5):1-8 · June 2016
30. **Incidence of puerperal diseases during the first 10 days after foaling in the mare** **H A Hussein**, M Loose, A Wehrend Tierärztliche Praxis. Ausgabe G, Grosstiere/Nutztiere 05/2015; 43(3). DOI:10.15653/TPG-141001 · 0.47 Impact Factor
31. **Perineal hypospadias in a red Holstein-calf: A case report** .L Mihsler, H A Hussein, A Wehrend, Tierärztliche Praxis. Ausgabe G, Grosstiere/Nutztiere 03/2015; 43(2). DOI:10.15653/TPG-140945 · 0.47 Impact Factor
32. **Follicular Dynamics, Steroid Hormones and Blood Metabolites Concentrations During Long Term Protein Flushing in Subtropical Ewes.** Gamal B. Mahmoud, Sherief. M. Abdel-Raheem and Hassan A. Hussein. Australian Journal of Basic and Applied Sciences, 8(18) December 2014, Pages: 207-216 A
33. **Ovarian response, synchrony of ovulation and fertility following CIDR, Ovsynch and PGF2 α protocols in buffalo-heifers (*Bubalus bubalis*)**
Hussein H.A, Hossam Eldin M., Essam S. Sh, Mohamed A. The 24th annual conference of the Egyptian society for animal reproduction and fertility. 02/2015;
34. **The effect of long-term testosterone propionate or human chorionic gonadotropin administration on reproductive glands in adult male rabbits.** Absel-Raouf M, **Hussein, HA**. Andrologia 2015, 47, 455–46..... 1.17 Impact Factor.
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35. **Association among energy status, subclinical endometritis postpartum and subsequent reproductive performance in Egyptian buffaloes**
Waleed Senosy, **Hassan Hussein**, Animal Reproduction Science 2013,140 (1-2: 40–46 Animal reproduction science 05/2013; 128 · 1.56 Impact Factor
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36. **Validation of color Doppler ultrasonography for evaluating the uterine blood flow and perfusion during late normal pregnancy and uterine torsion in buffaloes** . **Hassan A. Hussein** Theriogenology 03/2013; · 1.96 Impact Factor
37. **Acid-base-parameters and steroid concentrations in preovulatory follicles and plasma of lactating dairy cows with spontaneous and synchronized estrus or follicular cyst** **Hassan A. Hussein**, Boryczko Z, Bostedt H Reproduction in Domestic Animals 03/2013; · 1.36 Impact Factor
38. **Reproductive performance resulted from CIDR-CO-Synch protocol with one or two doses of PGF2 α in Egyptian buffalo heifers** **Hussein H.A.**, Abo-Gadeer H. , Abdel-Aal H. The 23th annual conference of the Egyptian society for animal reproduction and fertility. 02/2013;
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39. **Effect of single long-acting progesterone dose in the first pregnancy on some productive and reproductive traits at first and second kindling of New Zealand does rabbit** **A A Salem, Yasmin Gomaa, H A Hussein** The 23th annual conference of the Egyptian society for animal reproduction and fertility. 02/2013;
40. **Effect of combination of vitamin E and selenium injections on reproductive performance and blood parameters of Ossimi rams.** Gamal B. Mahmoud, Sherief M. Abdel-Raheem, **Hassan Hussein** Small Ruminant Research 12/2012; <http://dx.doi.org/10.1016/j.smallrumres.2012.12.006>. · 1.29 Impact Factor
41. **Effect of feed intake restriction on reproductive performance and pregnancy rate in Egyptian buffalo heifers.** **Hassan Ali Hussein**, Sherief Mohamed Abdel-Raheem Tropical Animal Health and Production 12/2012; · 1.12 Impact Factor
42. **Relationship among uterine involution, ovarian activity, blood metabolites and subsequent reproductive performance in Egyptian buffaloes.** **Hassan Hussein**, Waleed Senosy, Mahmoud R. Abdellah Open Journal of Animal Sciences 11/2012;
43. **Reproductive performance, semen quality and testicular blood flow following subchronic toxicity of formaldehyde and possible protective effect of L- carnitine in rabbits.** **Hassan A Hussein** Safa M George, Heba A Yassa Assiut Vet Med J. 10/2012;
44. **Impact of dibasic sodium phosphate treatment on ovarian inactivity in buffalo-heifers.** **H. Hussein** and M. Thabeet, Theriogenology insight. 06/2012;
45. **The effect of parity on the efficacy of ovulation synchronization (Ovsynch) protocol in buffalo (Bubalus bubalis).** R. Derar, **Hassan Hussein**, S. Fahmy, T.M. El-Sherry, G. Megahed. Anim. Reprod. 03/2012; 9, Jan./Mar. 2012(1):p.52-60.
46. **Ovarian response and progesterone profile during the Ovsynch protocol in heifers and post partum buffalo-cows (Bubalus bubalis).** **Hussein H. A.**, Derar R., El-Sherry T, Fahmy S, Megahed G Buffalo Bulletin (September 2012) Vol.31 No.3.
47. **Antioxidant concentrations in serum, follicular fluid, and corpus luteum of cyclic buffalo cows.** **Hassan A. Hussein** & Mahmoud R. Abd Ellah & Derar R. I. Derar Comparative Clinical Pathology 03/2012;
48. **Reference values for the genitalia of male dromedary before and after puberty using caliper and ultrasonography in subtropics.** Derar Refaat

Derar, **Hasan Ali Hussein**, Ahmad Ali Theriogenology 11/2011; 77(2):459-65. · 1.96 Impact Factor

49. **Postpartum Ovarian Resumption in Native Dairy Cows in Upper Egypt and their Relation to Oxidant Antioxidant Status.** Derar Refaat Derar, Hamdy Salah Hasab-Enaby, **Hasan Hussein Ali**, Alaa-Edin Zain, Shehata Hasan Shehata, Endocrinology & Metabolic Syndrome. 09/2011;
50. **Improving Reproductive Performance by Glucose Injection in Damascus Does Goat during Early Summer.** Anas A. Salem, **Hassan A. H**, Nasrat Abd El-Ati, and Gamal B. M American Journal of Science 07/2011; <http://www.americanscience.org>. · 2.72 Impact Factor
51. **The protective effect of L- carnitine against subchronic toxicity of formaldehyde on rabbit's testicular functions.** Safaa M. George, Heba A. Yassa, **Hassan A Hussein**. Mansura Journal of forensic and clinical toxicology 2011, 21 (2): 27-42
52. **Clinical, hematological, and biochemical findings of uterine torsion in buffaloes (Bubalus bubalis).** A Ali, R Derar, **H A Hussein**, M R Abd Ellah, A Kh Abdel-Razek Animal reproduction science 05/2011; 126(3-4):168-72. · 1.56 Impact Factor
53. **Effect of Clomiphene Citrate on Follicular Recruitment, Development, and Superovulation During the First Follicular Wave in Rahmani Ewes.** Taymour Mohammed EL-sherry, Derar Derar, **Hasan Hussein**, Ahmed Yusef Shahin, Salem Fahmy Int J Endocrinol Metab. 05/2011; 9(3):403-408.
54. **Ovarian Follicular Dynamics during the Estrous Cycle in Jennies in Upper Egypt.** R I Derar, H A Hussein , Veterinary medicine international. 01/2011; 2011:860518.
55. **Ovarian Follicular Fluid Constituents in Relation to Stage of Estrus Cycle and Size of the Follicle in Buffalo Cows.** Abd. Ellahl M, **Hussein H A**, Derar, R (2010). Veterinary World Vol.3(6): 263-267.
56. **Ovarian response and progesterone profile during Ovsynch protocol in heifers and mixed parity buffaloes cows (Bubalus bubalis).** **Hussein H. A.**, Derar R., El-Sherry T, Fahmy S, Megahed G (2009). 10th Sci. Cong. Egyptian Society for cattle diseases, 13-15 December 2009, Assiut, Egypt.
57. **Genital mycotic infection of the repeat breeder mares and field trials for its treatment.** Megahed GA, Derar R, **Hussein HA**, Mahmoud ALE. (2009). Assiut Vet Med. J. 55 (122): 360-369.
58. **Evaluation of serum activity of CPK and AST in repeat breeder cows with clinical and subclinical endometritis.** Ghada A. Abou El-Ella, **Hussein H.**, and Derar R.(2008): Assiut Vet. Med. J., 115 (58):
59. **Effects of dystocia, fetotomy and caesarian sections on the liver enzymes activities and concentrations of some serum biochemical parameters in dairy cattle.** **H Hussein**, M R Abd Ellah, Animal Reproduction Science 06/2008; 105(3-4):384-91. · 1.75 Impact Factor
60. **Relationships among ovarian structures, serum steroid hormones and ultrasonographic appearance of the uterus during the estrous cycle of the sheep.** A. Ali, Derar, R., **Hussein H. A.** (2007): The nineteenth annual conference of the Egyptian society for animal reproduction and fertility 3-7 Feb. 2007, Cairo and Uhrghada. Egypt, 215 - 226.
61. **Ultrasonic Characteristics of the Follicular Dynamics, Ovulation and Estrous Cycle in Cross Breed Donkeys (Equus asinus).** **Hussein H A**,

Derar R I (2007): 14th International Conference on Biotechnology in Animal Reproduction, August 6-7, National Research Center, Cairo, Egypt (lecture).

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- 62. Caliper and ultrasonographic measurements of the male camel genitalia (*Camelus dromedarius*) at different age and a mathematical formula for determination of testicular volume in VIVO.** Hussein H A, Derar R I, Ali A M (2007): 9th Scientific Congress of the Egyptian Society for Cattle Disease 2-4 Dec. 2007, Luxor, Egypt. 347-358.
 - 63. Follicular Dynamics, Serum Progesterone and Estradiol-17 β Concentrations during the Breeding Season in the Dromedary Camels (*Camelus dromedarius*).** Hussein H A, Derar R I (2007): 9th Scientific Congress of the Egyptian Society for Cattle Disease 2-4 Dec. 2007, Luxor, Egypt. 359 - 366.
 - 64. Anatomical, Radiographical and ultrasonographical study of the male urethra of the one humped camel (*Camelus dromedarius*).** Aly KH, Magda M Ali, Hussein H (2007) Assiut Vet. Med. J., 114 (53): 8-19.
 - 65. Seasonal variation of the ovarian follicular dynamics and luteal functions of sheep in the subtropics.** A Ali, R Derar, H Hussein. Theriogenology 07/2006; 66(2):463-9. • 1.96 Impact Factor
 - 66. Ultrasonographic analysis of the effect of postpartal ovarian activity and uterine involution on subsequent reproductive performance of dairy cows.** Hussein H.A. Assiut Vet. Med. J. 2005, 104 (51): 262-272.
 - 67. Morphometric and immunohistochemical variation in the camel (*Camelus dromedarius*) testis in relation to some endocrinological aspects during different seasons of the year.** Derar R. I., Hussein, H.A., Saleh A.M., Assiut Vet. Med. J. 2005, 104 (51): 273-287.
 - 68. Efficacy of ovulation synchronization with GnRH PGF2 alpha in subfertile dairy cows.** Hussein H.A., Derar R.I., Shehata H.S. (2004): Assiut Vet. Med. J., 101 (50): 280-291.
 - 69. Comparison of pregnancy diagnosis using rectal palpation, progesterone level and ultrasonography in dairy cows. 36. Jahrestagung Physiologie und Pathologie der Fortpflanzung.** Hussein H.A., Bostedt H., Wehrend A. (2003): 19-21 Februar, Wien, Austria
 - 70. Untersuchungen zur ovariellen Reaktion im Rahmen der Zyklussynchronisation mittels GnRH/PGF2 alpha und deren Graviditätsresultat bei Milchrindern.** Hussein H. A. (2003): Ph.D. thesis, Justus-Liebig-Universität, Giessen, Germany.
 - 71. Comparison of acid-base parameters in follicular fluid and blood plasma of dairy cows.** Boryczko Y., Bostedt H., Hussein H. A., Failing F. (2003): Wien Tierärztl. Mschr. 90 suppl. 1, 8-9.
 - 72. Evaluation of timed insemination using ultrasonography in dairy cows and heifers after synchronization of estrus post partum.** Hussein H.A., Bostedt H., Wehrend, A. (2002): 35. Jahrestagung Physiologie und Pathologie der Fortpflanzung. 14-15 Februar, Leipzig, Germany. (lecture)
 - 73. Anwendung der Sonographie in der Gynäkologie des Rindes. ATF, Fruchtbarkeits beim Einzeltier und als Herdenparameter** Hussein H.A., Jung C., Hospes R. (2002): 25.26. Mai.(lecture)
 - 74. Cervical involution during the first 10 days post partum in dairy cows. 34. Jahrestagung Physiologie und Pathologie der Fortpflanzung. 19-20 Februar, Giessen, Germany.** Wehrend A., Hussein H. A., Bostedt, H. (2001): (poster)
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75. **Some studies on peri-partum period in ewes.** Hussein H.A. (1996):
M.V.Sc. Assiut Univeresity. Egypt.

	<i>Name & Signature</i>
(Head of the Department)	(Dean)

H Hussein

Prof. Dr. M Darwish

Prof. Dr. Hassan A Hussein

Prof. Dr. Madeha Darwish