

# Curriculum vitae

## (A)- PERSONAL INFORMATION

**Name:** Hussein Awad Hussein Mohamed  
**Current Position:** Professor of Veterinary Internal Medicine  
**Permanent Address:** Department of Animal Medicine  
Faculty of Veterinary  
Assiut University  
Assiut 71526  
Egypt



**E-mail:** [hhussein@aun.edu.eg](mailto:hhussein@aun.edu.eg) / [drhusseinvet@gmail.com](mailto:drhusseinvet@gmail.com)

***h*-index and citations (Update: July 23, 2024)**

|                 | <i>Google Scholar</i> | <i>ResearchGate</i> | <i>Scopus</i> | <i>Web of Science</i> |
|-----------------|-----------------------|---------------------|---------------|-----------------------|
| <i>h</i> -index | 12                    | 12                  | 8             | 7                     |
| Citations       | 426                   | 297                 | 172           | 126                   |

**Scientific Websites:** <https://scholar.google.com/citations?hl=en&user=oJySPI8AAAAJ>  
[https://www.researchgate.net/profile/Hussein\\_Hussein8](https://www.researchgate.net/profile/Hussein_Hussein8)  
<https://www.scopus.com/authid/detail.uri?authorId=56659158000>  
<https://www.webofscience.com/wos/author/record/AAB-7022-2019>  
<https://orcid.org/0000-0003-0449-8283>  
[https://www.aun.edu.eg/veterinary\\_medicine/hussein-awad-hussein-mohamed](https://www.aun.edu.eg/veterinary_medicine/hussein-awad-hussein-mohamed)

## **(B)- ACADEMIC QUALIFICATIONS and CERTIFICATES**

|                       |  |
|-----------------------|--|
| <b>April 26, 2011</b> | Ph.D. in Veterinary Internal Medicine from the Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University 71526, Egypt, and through channel system scholarship mission program with Clinic of Ruminant of the Free University of Berlin, 14163 Berlin, Germany. (Joint program with CR, FU Berlin, Germany)<br><b>Thesis title:</b><br>“Clinical and biochemical studies for assessment of metabolic profile tests for health status and risks of diseases in transition dairy cows” |
| <b>April 27, 2005</b> | Master in Veterinary Internal Medicine from the Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt.<br><b>Thesis title:</b><br>“Effect of some internal and external parasitic infestation on body condition in cattle with special reference to liver function tests and some trace elements”  |
| <b>July 29, 2001</b>  | Bachelor of Veterinary Medical Science ( <b>Grade: Very Good with Honors</b> )<br>Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt   |

## **(C)- EMPLOYMENT HISTORY**

|                          |   |
|--------------------------|---|
| <b>05/2021 – Present</b> | Professor of Veterinary Internal Medicine, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt.           |
| <b>12/2019 – 04/2020</b> | Postdoctoral scholar at Clinic of Ruminant and Swine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany.                                       |
| <b>08/2018 – 10/2018</b> | Postdoctoral scholar at Clinic of Ruminant and Swine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany.                                       |
| <b>05/2016 – 05/2021</b> | Associate Professor of Veterinary Internal Medicine, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt. |
| <b>04/2014 – 10/2014</b> | Postdoctoral scholar at Clinic of Ruminant and Swine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany.                                       |
| <b>05/2011 – 05/2016</b> | Assistant Professor of Veterinary Internal Medicine, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt. |
| <b>05/2005 – 05/2011</b> | Lecturer of Veterinary Internal Medicine, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt.            |
| <b>11/2008 – 10/2010</b> | Ph.D. scholar at Clinic of Ruminant and Swine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany.  |
| <b>09/2001 – 05/2005</b> | Demonstrator of Veterinary Internal Medicine, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Assiut 71526, Egypt.        |

#### **(D)- TEACHING EXPERIENCES, TRAININGS, AND LABORATORY SKILLS**

- Teaching and development of relevant courses in Veterinary Internal Medicine for undergraduate and postgraduate students including General Animal Medicine, Ruminant Medicine, Equine Medicine, and Pet Medicine at the Faculty of Veterinary Medicine, Assiut University, Egypt.
- Performance of diagnosis and differential diagnosis with medical treatment and therapy of presented diseased animals referred to Veterinary Teaching Hospital, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
- Online teaching or distance learning "Webinar" using Microsoft Teams and Webex programs.
- Active participation in Veterinary convoys to serve the community by treating sick animals, field investigation during disease outbreaks, and providing advice to clients, owners, and breeders about the care and management of their animals with the application of hygienic measures for prevention and control of diseases.
- A staff member in summer training programs for undergraduate students in villages of Upper Egypt (from 2001 till now).
- Sharing in seminars and annual scientific conferences of the Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt
- Clinical laboratory diagnosis, photometric and colorimetric determination of the different biochemical parameters of blood (enzymes, lipoproteins, protein pattern, trace elements, and microelements), electrophoresis.

#### **(E)- RESEARCH VISITS AND SCHOLARSHIPS**

- Nominated a Postdoctoral Fellowship for 6 months from the Egyptian Government to carry out research at the Clinic of Ruminant and Swine, Faculty of Veterinary Medicine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany (December 2019 – April 2020).
- Nominated a Postdoctoral Fellowship for 3 months from the German organization "Deutsche Akademische Austauschdienst" (DAAD) to carry out research at the Clinic of Ruminant and Swine, Faculty of Veterinary Medicine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany (August 2018 – October 2018).
- Nominated a Postdoctoral Fellowship for 6 months from the Egyptian Government to carry out research at the Clinic of Ruminant and Swine, Faculty of Veterinary Medicine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany (April 2014 – October 2014).
- Nominated a scholarship from the Egyptian Government (Joint Program with Clinic of Ruminant and Swine, FU Berlin, Germany) for two years to complete the external part of research studies needed for Ph.D. at Clinic of Ruminant and Swine, Faculty of Veterinary Medicine, Free University of Berlin, Königsweg 65, 14163 Berlin, Germany (November 2008 – October 2010).

#### **(F)- RESEARCH PROJECTS**

- A co-investigator of the project titled "Metabolic Profiling of Dairy Herds" in cooperation with Professor Staufenbiel (FU of Berlin, Germany, PI) from November 2008 to October 2010.
- A co-investigator of the project titled "Diagnostic Utility of Ultrasonography in Animal Medicine" in cooperation with Professor Staufenbiel (FU of Berlin, Germany, PI) from August 2018 to April 2020.

## **(G)- RESEARCH EXPERIENCES AND INTERESTS**

### **(G.1.)- Clinical Techniques**

- Clinical examinations of the animals, and continuous development of therapeutic protocols.
- Metabolic profiling and periodical supervision of Dairy Herds.
- Diagnostic application of ultrasonography in the diagnosis and differential diagnosis of animal diseases in different animal species.
- Application of various techniques of urinary catheterization.
- Intravenous catheterization.
- Collection of arterial blood samples.
- Liver biopsy techniques.
- Renal biopsy techniques.

### **(G.2.)- Laboratory Techniques**

- Collection and preservation of various body samples.
- Spectrophotometry.
- Blood gas analysis.
- Haematology and differential leucocytic counts (Manual and Automatic Techniques).
- Clinical biochemistry.
- Parasitological analysis for External, Internal, and Blood parasites.
- Urine analysis.
- Basics of ELISA, Protein Electrophoresis and Molecular Biology techniques.
- Haematological analysis (manual and automated methods), parasitological and urine analysis.

## **(H)- DOCTORAL AND MASTER THESES SUPERVISED**

1. Mo'men Bekhet: Metabolic profiles, insulin resistance and oxidative stress during the periparturient period of dairy cows. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2017.
2. Amani M. Omar: Energy-related metabolites in ewes around lambing. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2019.
3. Eman Ramadan: Liver function tests and lipid profiles in cattle and buffaloes during periparturient period. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2019.
4. Mariem Ibrahim: Hematological and biochemical changes in lambs infected with coccidian. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2019.
5. Mona Fathi: Hematological picture of weak calves reared by small householders. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2019.
6. Ahmad Emam: Clinical-biochemical and ultrasonographic studies of liver affections in sheep. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt, 2021.
7. Abeer Abd-Elwareth: Using of ultrasonography as a diagnostic tool in cattle with respiratory troubles. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut

University, Egypt, 2021.

8. Ahmad Rabiee: Establishment of reference values of body temperature in dogs. MVSc. Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University Assiut Egypt. (Ongoing)
9. Abeer Abd-Elwareth: New frontiers in diagnosis and therapy of experimentally induced hyperlipidemia in donkeys. Ph.D. Thesis, Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University Assiut Egypt. (Ongoing)

### **(I)- COMMUNITY SERVICES**

1. Active participation in Veterinary convoys to serve the community by treating sick animals, field investigation during disease outbreaks, and providing advice to clients, owners, and breeders about the care and management of their animals with the application of hygienic measures for prevention and control of diseases.
2. Participating in college committees (Faculty Council, Department Council, Council of Postgraduates and Researches), and events organizations such as conferences held in the Faculty of Veterinary Medicine - Assiut University, Clinic or Ruminant - Free University of Berlin, Germany.
3. A member of the quality assurance unit and Ethical Committee of Veterinary Medicine Researches at the Faculty of Veterinary Medicine, Assiut University.

### **(J)- HONORS AND AWARDS**

- Prof. Tielen Foundation (PTF) grant for young scientist (Jul. 2007).
- Award of the best research in the 15<sup>th</sup> Congress of Faculty of Veterinary Medicine, 25-27 November, 2012.
- Award of the best Veterinary Research 2013, Assiut University.
- Included in Marquis Who's Who in the World 2013 (29<sup>th</sup> Edition).
- Prof. Tielen Foundation (PTF) grant for young scientist to attend the XVI of ISAH, in Nanjing, 5-9 May, 2013.
- Award of best research in the 16<sup>th</sup> Congress of Faculty of Veterinary Medicine, 30 November – 2 December, 2014.
- Award of best Veterinary Research 2016, Assiut University.
- A Honour certificate from Faculty of Veterinary Medicine, Assiut University for awarding the best Veterinary Research 2016.
- A Honour certificate from Refaa Veterinary Practice Centre, Assiut, for the efforts during training courses given to the recently graduated Veterinarians.
- Awarded a scholarship from DAAD to carry out researches in Ruminant clinic, FU Berlin, Germany (from August to October, 2018).

### **(K)- MEMBERSHIP IN SCIENTIFIC JOURNALS**

- **A scientific reviewer of the following journals:**

- ✓ Veterinary World.
- ✓ Journal of Veterinary Diagnostic Investigation.
- ✓ Journal of Equine Veterinary Science.
- ✓ Acta Veterinaria Hungarica.
- ✓ Open Veterinary Journal

- ✓ The Veterinary Journal.
- ✓ Journal of Veterinary Science.
- ✓ Veterinary Research Communication.
- ✓ Australian Veterinary Journal.
- ✓ Slovenian Veterinary Research.

- **A member in the editorial board of the following journals:**

- ✓ Frontiers in Veterinary Science (Veterinary Imaging).
- ✓ Animal and Veterinary Sciences.
- ✓ BMC Veterinary Research.
- ✓ Veterinary World.

### **(L)- MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

- A member of the International Society for Animal Hygiene (ISAH).
- A member of the Egyptian Society for Cattle Diseases.
- A member of the Egyptian Society for Camel Diseases.
- A member of the Egyptian Society for Equine Diseases.

### **(M)- COMPUTER SKILLS**

- Achievement of ICDL Certificate, Windows, Microsoft word, Excel, PowerPoint, FrontPage, and web page designing and publishing.
- Statistical analysis of data using computer-based programs (SPSS, SAS, Graphpad,...etc.).
- Online teaching or distance teaching through "Webinar" using Microsoft Teams and Webex programs.

### **(N)- FOREIGN LANGUAGES**

|         | Speaking  | Reading   | Writing   |
|---------|-----------|-----------|-----------|
| English | Excellent | Excellent | Excellent |
| German  | Very good | Very good | Very good |

### **(O)- ATTENDED WORKSHOPS**

1. Principles of PCR, 3-5 March 2006, Molecular Biology Unit, Assiut University, Assiut 71526, Egypt.
2. Application of RT-PCR, 10-13 March 2007, Molecular Biology Unit, Assiut University, Assiut 71526, Egypt.
3. Scientific Colloquium on Trace Element Metabolism in Dairy Cows, 16 Feb 2010, Clinic of Ruminant and Swine, Faculty of Veterinary Medicine Free University of Berlin, 14163 Berlin, Germany.
4. SPSS Program Workshop, 15 – 24 December 2012 Assiut University.
5. Basic Principles & Technique of Protein Analysis, 2 – 3 December 2013, The Molecular Biology Unit of Assiut University, Assiut University.
6. 39<sup>th</sup> Leipziger Workshop "Laboratory Diagnosis in Dairy Herd Supervisions", 20 June 2014, Leipzig, Germany.
7. 16<sup>th</sup> Module "Selected Clinical Cases from Bovine Medicine", 27 – 28 June 2014, Berlin, Germany.
8. Basic Techniques in Animal Cell Tissue Culture, 24 – 26 March 2015 at Zoology Department,

Faculty of Science, Assiut University.

9. Training for a month from 4/9/2018 to 2/10/2018 in Ruminant Clinic, Faculty of Vet Medicine, Leipzig University with incorporation in daily work of the clinic (Sonar, X-ray, Analysis, Operations.... etc), and attendance of a Scientific workshop titled "10. Leipziger Fortbildungsveranstaltung: "Sonographische Untersuchungen beim Rind" Leipzig, 21./22.09.2018.
10. A workshop on "Thin layer and high-performance thin layer chromatography (TLC and HPTLC): theory and applications" during the period from 9 to 10 March 2019, and was held in the drug research center, Assiut University.
11. Using of Immunohistochemistry in the field of Laboratory Diagnosis and Research. On 9/8/2019. Department of Pathology and Clinical Pathology, Faculty of Veterinary Medicine, Assiut University.
12. Attendance of seminars in "Molecular Genetics & Biotechnology Seminars (MGBS)", in the Department of Genetics, Faculty of Agriculture, Assiut University, during the University Year 2019/2020.
13. Successful attendance of a workshop on "Enzyme-Linked Immuno-Sorbent Assay (ELISA) Principals & Western blotting" that was held at Molecular Biology Institute for Researches and Studies, Assiut University during the period from 17 to 19/12/2020.

## **(P)-ATTENDED CONFERENCES**

### **(P.1.)- International Conferences**

1. XIII International Congress in Animal Hygiene ISAH, June 17 -21, 2007, Tartu, Estonia.
2. Eighth International Conference for Cattle Diseases, 7 – 9 October 2010, Berlin Germany.
3. 27<sup>th</sup> World Buiatric Congress, 3 – 8/6/2012, Lisbon, Portugal.
4. XVI International Congress in Animal Hygiene ISAH, 5 – 9/5/2013, Nanjing, china.
5. 10<sup>th</sup> International Conference for Cattle Diseases, 2 – 4 October 2014, Berlin Germany.
6. The XVII International Congress in Animal Hygiene ISAH 15 – 17/6/2015, Kosice, Slovakia.
7. The 8<sup>th</sup> International Conference for Development and Environment in the Arab World 15 – 17/4/2018, Assiut University, Assiut, Egypt.
8. The 12<sup>nd</sup> International Conference for Cattle and Equine Diseases, 5 – 6 October 2018, Berlin Germany.
9. The 10<sup>th</sup> International Veterinary Congress, 16 – 18/1/2020, Leipzig, Germany.
10. The 10<sup>th</sup> International Conference for Development and Environment in the Arab World 8 – 10/11/2020, Assiut University, Assiut, Egypt.

### **(P.2.)- National Conferences**

1. 11<sup>th</sup> conference of Faculty of Veterinary Medicine, Assiut University 5 -7/12/2004
2. 8<sup>th</sup> Conference of Egyptian Society for Cattle Diseases, 5 – 7/12/2005, Assiut University, Assiut, Egypt.
3. 11<sup>th</sup> of Egyptian Society for Cattle Diseases, 5 – 8/12/2011, Luxor, Egypt.
4. 15<sup>th</sup> Faculty of Veterinary Medicine conference, Assiut University 25 – 27/11/2012.
5. 16<sup>th</sup> Faculty of Veterinary Medicine conference, Assiut University 30/11 – 2/12/2014.
6. 18<sup>th</sup> 11<sup>th</sup> conference of Faculty of Veterinary Medicine, Assiut University 5 -7/11/2019.



## (Q)- LIST OF PUBLICATIONS

### (Q.1.)- Articles Published in International Impacted Journals

1. **Hussein, H. A.**, Staufenbiel, R. (2012): Variations in copper concentration and ceruloplasmin activity of dairy cows in relation to lactation stages with regards to ceruloplasmin to copper ratios. *Biological Trace Element Research* 146: 47 – 52.
2. **Hussein, H. A.**, Staufenbiel, R., Müller, A., El-Sebaie, A., Abd-El-Salam, M. N. (2012): Ceruloplasmin activity in Holstein dairy cows: effects of lactation stages and anticoagulants. *Comparative Clinical Pathology* 21: 705 – 710.
3. **Hussein, H. A.**, Westphal, A., Staufenbiel, R. (2013): Relationship between body condition scores and ultrasound measurements of backfat thickness in Multiparous Holstein dairy cows at different Production Phases. *Australian Veterinary Journal* 91: 185 – 185.
4. **Hussein, H. A.**, Westphal, A., Staufenbiel, R. (2013): Pooled serum sample metabolic profiling as a screening tool in dairy herds with a history of ketosis or milk fever. *Comparative Clinical Pathology* 22: 1075 – 1082.
5. **Hussein, H. A.**, Aamer, A. A. (2013): Influence of samples' storage at different temperatures and time periods on blood gas and acid-base indices in ovine venous blood. *Open Veterinary Journal* 3: 1 – 7.
6. **Hussein, H. A.**, Elamier, Yasmin, Aamer, A., Abdelkhafaar, S. (2013): Bacillary hemoglobinuria in Friesian cows: Clinical, hematological, biochemical, and pathological alterations. *Comparative Clinical Pathology* 22: 1137 – 1143.
7. **Hussein, H. A.**, Elrashidy, M. (2014): Ultrasonographic features of the liver with cystic echinococcosis in sheep. *Veterinary Record Open*;1:e000004. doi:10.1136/bmjopen-2013-000004.
8. **Hussein, H.** (2014): Ultrasonographic and clinicopathological findings in a 7-year-old mare with urine retention. *Turkish Journal of Veterinary and Animal Sciences* 38: 110 – 115.
9. **Hussein, H. A.**, Staufenbiel, R. (2014): Clinical presentation and ultrasonographic findings in buffaloes with congestive heart failure. *Turkish Journal of Veterinary and Animal Sciences* 38: 534 – 545.
10. El-Amir Y. O., **Hussein H. A.**, Sayed M. M. and Aamer A. A. (2014): Clinical, Biochemical and Pathological Findings in Buffaloes with Foot-and-Mouth Disease. *Journal of Veterinary Advances* 4: 668 – 676.
11. **Hussein, H. A.**, Abdel-Raheem, Sh. M., Abd-Allah, M., Senosy, W. (2015): Effects of propylene glycol on the metabolic status and milk production of dairy buffaloes. *Tierärztliche Praxis* 43 (G): 25 – 34.



12. **Hussein, H. A.**, El-Khabaz, K. A. S., Malek, S. S. (2015): Is udder ultrasonography a diagnostic tool for subclinical mastitis in sheep? *Small Rum. Res.* 129: 121 – 128.
13. **Hussein, H. A.**, Staufenbiel, R. (2017): Analytical validation of bovine plasma ceruloplasmin measurement by p-phenylenediamine oxidation and effect of storage time and freezing temperature. *Acta Veterinaria Scandinavica* 59: 66
14. **Hussein, H. A.**, Ibrahim, A., Farouk, M., Abd-Almaksoud, F. (2017): Development and complications of blind and ultrasound-guided percutaneous liver biopsy techniques in donkeys (*Equus asinus*). *Journal of Equine Veterinary Science* 58: 24 – 33.
15. **Hussein, H. A.**, Hanan, K. E., Yassmin, O. E. (2018): Oxidative stress indices and pathological changes in cattle with traumatic pericarditis. *Journal of Hellenic Veterinary Medical Society* 68: 579 – 586.
16. Ibrahim, A., Taha, Usama, Naser, A, **Hussein, H. A.**, Ali, Magda (2018): pilot study on surgical claw trimming impact on sheep welfare: behavioral, physiological and ruminal function aspects. *Journal of Veterinary Behavior* 23: 66 – 75.
17. **Hussein, H. A.**, Ibrahim, A., Farouk, M. (2018): Ultrasonographic Reference Values of Kidney Dimensions and Clinicopathological Findings Associating the Transcutaneous Ultrasound-Guided Renal Biopsy in Donkeys (*Equus asinus*). *Journal of Equine Veterinary Science* 68: 1 – 11.
18. **Hussein, H. A.**, Binici, C., Staufenbiel, R. (2018): Comparative evaluation of ultrasonography with clinical respiratory score in diagnosis and prognosis of respiratory diseases in weaned dairy buffalo and cattle calves. *Journal of Animal Science and Technology* (2018) 60:29.
19. Ali, M, **Hussein, H.**, Elsayed, H, Sayed, A (2019): The association between metabolic profile indices, clinical parameters and ultrasound measurement of backfat thickness the periparturient period of dairy cows. *Comparative Clinical Pathology* 28: 711 – 723.
20. **Hussein, H. A.**, Bäumer, J., Staufenbiel, R. (2019): Validation of an automated assay for measurement of bovine plasma ceruloplasmin. *Acta Veterinaria Scandinavica* 61:34. <https://doi.org/10.1186/s13028-019-0470-4>
21. **Hussein, H. A.**, Ibrahim, A., Farouk, M., Ahmad F. Ahmad (2019): Doppler ultrasonographic evaluation of brachial and femoral veins, and coagulation and lipid profiles in dogs following open splenectomy. *Scientific Reports* 9: 15377. <https://doi.org/10.1038/s41598-019-51924-0>
22. **Hussein, H. A.**, Khalaphallah, A., Al-Iethie, A., El-Hawari, S. (2020): Doppler characteristics of hepatic venous hemodynamics in adult healthy camels (*Camelus dromedarius*). *Small Ruminant Research* 192 (2020) 106180. <https://doi.org/10.1016/j.smallrumres.2020.106180>
23. **Hussein, H. A.**, Thurmann, J-P, Staufenbiel, R. (2020): 24-hour variations of blood serum metabolites in high yielding dairy cows and calves. *BMC Veterinary Research* 16: 327. <https://doi.org/10.1186/s12917-020-02551-9>

24. Abdelhakiem, M. A., **Hussein, H. A.** (2021): Collection of cerebrospinal fluid in 50 adult healthy donkeys (*Equus asinus*): Clinical complications, and cytological and biochemical constituents. *BMC Veterinary Research* 17:302. <https://doi.org/10.1186/s12917-021-03007-4>
25. **Hussein, H. A.**, Hassan, E.H., Ibrahim, A., Sadek, A., Müller, A.E., Staufenbiel, R. (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: 1 – 10. doi: [10.21608/EJNF.2021.192890](https://doi.org/10.21608/EJNF.2021.192890)
26. **Hussein, H. A.**, Müller, A., Staufenbiel, R. (2022): Comparative evaluation of mineral profiles in different blood sample types of dairy cows. *Frontiers in Veterinary Sciences* 9:905249. <https://doi.org/10.3389/fvets.2022.905249>
27. **Hussein, H. A.**, Ibrahim, A. (2022): B-mode and colour Doppler ultrasonography of normal external jugular vein in donkeys (*Equus asinus*). *BMC Veterinary Research* 18: 345. <https://doi.org/10.1186/s12917-022-03441-y>
28. Khayri, A. R., **Hussein, H. A.**, Sayed, R. K., Waly, N. E. (2023): Assessment of thermometry practices in dogs undergoing general health examinations. *Assiut Veterinary Medical Journal* 69: 88 – 98. doi: [10.21608/AVMJ.2023.203699.1140](https://doi.org/10.21608/AVMJ.2023.203699.1140)
29. **Hussein, H. A.**, Omar, Amani, Karram, M. H. (2024): Variations of blood metabolites in single- and multiple-bearing Ossimi ewes during the transition period. *Reproduction in Domestic Animals* 59 (6), e14649: 1 – 8. <https://doi.org/10.1111/rda.14649>
30. **Hussein, H. A.** (2024): Clinical, biochemical, and ultrasonographic findings in a buffalo with enzootic hematuria. (In Preparation)

#### (Q.2.)- Articles Published in International Conferences

31. **Hussein, H. A.**, Abd-EL-Salam, M. N., Karram, M. H. (2007): Theileriosis and babesiosis in cattle: Haemogram and some biochemical parameters. Proceedings of the XIII International Congress for Animal Hygiene, Taru, Estonia, 17 – 21 June 2007 pp: 143-147.
32. **Hussein, H. A.**, Staufenbiel, R., El-Sebaie, A., Abd-El-Salam, M. N. (2010): Effect of lactation stages and anticoagulants on ceruloplasmin concentration in Holstein dairy cows. Proceedings of 8th Berlin-Brandenburgischer Rindertag, 07-09 Oct 2010, Berlin, Germany, pp: 177 – 180.
33. **Hussein, H. A.**, Müller, A., Staufenbiel, R. (2012): Liver copper, selenium, and zinc profiles in relation to different production phases of a dairy herd. XXVII World Buiatrics Congress, 3-8 June 2012, Lisbon, Portugal.
34. **Hussein, H. A.**, El-Sebaie, A., Abd-El-Salam, M. N., Staufenbiel, R. (2012): Potential markers during transition period for early identification of subclinical ketosis and subclinical mastitis in Holstein dairy cows. XXVII World Buiatrics Congress, 3-8 June 2012, Lisbon, Portugal.
35. **Hussein, H. A.**, Westphal, A., Staufenbiel, R. (2012): Relationship between body condition scores and ultrasound measurements of backfat thickness in Holstein dairy

cows, XXVII International World Buiatrics Congress, 3-8 June 2012, Lisbon, Portugal.  
XXVII World Buiatrics Congress, 3-8 June 2012, Lisbon, Portugal.

36. El-Sebaie, A., Abd-El-Salam, M. N., **Hussein, H. A.**, Staufenbiel, R. (2012): Comparative biochemical studies on adaptive Holstein and pure Holstein dairy cows during transition period. XXVII World Buiatrics Congress, 3-8 June 2012, Lisbon, Portugal.
37. **Hussein, H. A.**, Elrashidy, M., Staufenbiel, R. (2013): Evaluation of ultrasonography as a diagnostic tool for hepatic cystic echinococcosis in sheep. 16<sup>th</sup> ISAH Congress 5 - 9 May 2013, Nanjing, China, pp: 126 – 130.
38. **Hussein, H. A.**, Staufenbiel, R. (2014): Clinical presentation and ultrasonographic findings of pericarditis and endocarditis in Egyptian water buffaloes. 10<sup>th</sup> Berlin-Brandenburgischer Rindertag, 3 – 4 October, 2014, Berlin, Germany, pp: 47 – 54.
39. **Hussein, H. A.**, Abdel-Raheem, Sh. M., Abd-Allah, M., Senosy, W. (2015): Effect of propylene glycol on the metabolic status and milk production of dairy buffaloes. XVII International Congress on Animal Hygiene, 7-11 June 2015, Kosice, Slovakia.
40. **Hussein, H. A.**, Hassan, E.H., Ibrahim, A., Sadek, A., Müller, A.E., Staufenbiel, R. (2018): Evaluation of serum mineral profiles in bovine with foreign body syndrome. 12. Berlin-Brandenburgischer Rindertag, 4-6 October 2018, Berlin, Germany.

#### (Q.3.)- Articles Published in local journals and national Conferences

41. Abd-EL-Salam, M. N., Karram, M. H., **Hussein, H. A.** (2007): Coccidiosis in calves: Haemogram and biochemical parameters. The 27<sup>th</sup> Arabic Veterinary Medicine Conference, 13 – 15 May 2007, Cairo, Egypt, pp: 253 – 257.
42. **Hussein, H. A.**, Westphal, A., Staufenbiel, R. (2011): Relationship between body condition scores and ultrasound measurements of backfat thickness in Holstein dairy cows. Proceeding of Congress of the Egyptian Society for Cattle Diseases, 5 – 8 December 2011, Luxor, Egypt, pp: 23 – 32.
43. **Hussein, H.** (2012): Ultrasonographic and clinicopathological findings in a 7-year-old mare with urine retention: A case report. Proceeding of the 15<sup>th</sup> Congress of Faculty of Veterinary Medicine, Assiut University, 25 – 27 November 2012, Assiut, Egypt, pp: 13 – 22.
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