AMIRA ADEL TAHA

ABDEL ALEEM AL-HOSARY

PROFESSOR OF INFECTIOUS DISEASES

CONTACTS

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WEBSITES &LINKS

LINKEDIN
https://www.linkedin.com/in/amira-a-t-abdelaleem-784bb62b/

GOOGEL SCHOLAR
https://scholar.google.de/citations?user=Al58_9YAAAAJ&hl=en&scioq=Amira+AL-hosary

RESEARCHGATE
https://www.researchgate.net/?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6ImxvZ2luIiwicGFnZSI6ImxvZ2luIiwicHJldmlvdXNQYWdlIjoiaW5kZXgifX0%3D

SKILLS

- Molecular biology techniques
- Serological techniques
- Tissue Culture techniques
- Bioinformatics
- Protein analysis and proteomics
- Vector competence studies
- Clinical trials (Phases 1&2)
- Project Management
- Quality Management
- Communications skills
- Microsoft Office
- MS-Project

LANGUAGES

- Arabic mother tongue
- English B2
- German B1

COMMUNITY SERVICE

- Field training for final year students
- Training and development of staff research skills
- Training and skills development of field veterinarians
- Raising awareness of infectious

ABOUT ME

I am a passionate researcher with extensive research experience in infectious and zoonotic diseases, particularly vector-borne diseases, with a valuable record of successful publications.

WORK EXPERIENCE

TECHNICAL DIRECTOR OF THE MOLECULAR RESERCH UNIT

Molecular Biology Research & Studies Institute, Assiut University

Assiut Egypt

September 2024- to date

- Leading, managing, mentoring and training the team.
- Supervise and manage molecular biology research projects.
- Provide expert advice on molecular biology techniques.
- Ensure all research activities comply with institutional policies, regulatory requirements, and ethical standards.
- Collaboration, networking and representing the unit and institute at professional events.
- Reporting and documenting the unit's research activities.
- Contribute to the strategic planning of the unit's agenda.
- Ensure that all laboratory and research activities are carried out following health and safety regulations.

PROFESSOR OF INFECTIOUS DISEASES

Faculty of Veterinary Medicine, Assiut University

Assiut Egypt

December 2023- to date

- Academic role: Teaching, mentorship, and supervision of the undergraduate and postgraduate students
- Research Responsibilities: Conducting research, grant writing, designing, and conducting research studies on various aspects of infectious diseases.
- Publication and dissemination of the findings in peer-reviewed journals, national and international conference
- Clinical Responsibilities: Clinical Practice in the veterinary teaching hospital
- Collaboration and Networking: build up professional national and international networks.
- Public Health Initiatives: Epidemiological Surveillance: Participating in surveillance and response to infectious disease outbreaks.

GUEST ASSOCIATE EDITOR

Emerging Tropical Diseases-Frontiers

Lausanne Switzerlad (Working online)

September 2023- to date

- Responsible for the conception and development of a special issue entitled "Exploring the Dynamics of Emerging and Re-emerging Diseases: From Origins to Impact"

LIFE SCIENCE MANAGER

Dr. Notghi Contract Research GmbH

Berlin Germany

May 2020 – September 2023

- Team, Project, and Quality Management
- MS Project
- Management and Leadership
- ICH-GCP
- Pharmaceutical Industry

POSTDOCTORAL RESEARCH FELLOW

Friedrich-Loeffler-Institute, Insel Riems

Greifswald Germany

March 2021 – March 2023

diseases, particularly TBDs, among farmers

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- Member of the Egyptian society for cattle diseases
- Member of the International Society for Infectious Diseases (ISID)
- Member of the German research platform for Zoonoses

OTHER PROFESSIONAL ACTIVITIES (WORKSHOPS AND SEMINARIES)

- Attending all the Seminaries at the FLI during 2019, 2021, 2023
- Diversity components in mosquito-borne diseases in face of climatic changes, Germany, 2023
- Enhancing the veterinary education, Germany, 2023
- Scientific project management, Germany 2022
- Vaccination in the age of Pandemics, USA, 2020
- *Theileria annulata* vaccine, lessons from history and the way forward Tunisia, 2016
- Statistical analysis using STATA, DAAD, Egypt, 2017
- Blood Parasite Culture, Artificial Tick Feeding, Germany, 2016
- Grant Writing and Management Cameroon, 2016
- Viral Diseases and Emerging Vaccine Technologies, Egypt, 2015
- Team building, Communication and Rhetorical Techniques, DAAD, Egypt, 2015
- Evaluation of Immunization Trials, Germany, 2014
- Introduction to Epidemiology Tools", Germany, 2013

Hobbies

- Reading
- Cooking
- Music hearing
- Camping & Car-driving
- Social and charity work

- Study of arboviruses, especially flaviviruses of zoonotic importance.
- Investigation of the vector competence of some indigenous and invasive mosquito species for WNV, USUTUV and RVFV in Germany.
- Used various molecular and cell culture techniques
- Reported findings with a high degree of accuracy.
- Collaborated with the team on research tasks.
- Presented findings at meetings and conferences.
- Developed national and international relationships.

A TRAINEE THROUGH THE USAID PROGRAM — Missouri USA

Dep. of Pathobiology, Faculty of Vet. Med., University of Missouri
March 2020 - July 2020

- Participated in the Anti-Tick-vaccine project and clinical trials.
- Worked with protein analysis and western blot assay.

POSTDOCTORAL RESEARCHER — Egypt & Germany

DFG-German- African Project
January 2015 – December 2019

- Use of various molecular, serological and tissue culture techniques
- Prepared live attenuated vaccine against *Theileria annulata* (Egyptian strain) and conducted preclinical *and clinical trials of the vaccine.*

DAAD-POSTDOCTORAL FELLOW — Greifswald Germany

Friedrich-Loeffler-Institute, Insel Riems
March 2019 - September 2019

- Investigated the epidemiology, molecular identification, and phylogenetic analysis of *Anaplasma* spp in Egypt.
- Identified the tick species and tick-borne pathogens in Egypt.
- Identified new species such as *Babesia occultans* and *Anaplasma platys* for the first time in Egypt.
- Published the research findings in international peer-reviewed journals

PATENT

Attenuated tissue culture vaccine against *Theileria annulata* (Egyptian strain-EG/P/2019/1920)

OTHER RESEARCH ACTIVITY

Research ambassador of the German Academic Exchange Service (DAAD), 03/2023 to 08/2024.
The representative of Assiut university in the PREZODE 05/2024 to date.

EDUCATION

BACHELOR OF VETERINARY MEDICNE, 2005

Faculty of Veterinary Medicine, Assiut University, Egypt

MASTER OF VETERINARY MEDICAL SCIENCE (INFECTIOUS DISEASES), 2009

Faculty of veterinary medicine Assiut university, Egypt and the Research Center Borstel, Germany

PHD OF VETERINARY MEDICAL SCIENCE (INFECTIOUS DISEASES), 2013

Faculty of veterinary medicine Assiut university, Egypt and the Research Center Borstel, Germany. Funded by DFG German- African cooperation projects in infectiology: Molecular epidemiology network for promotion and support of delivery of live vaccines against Theileria parva and Theileria annulata infection in Eastern and Northern Africa. (DFG AH 41/7-1).

Amira A. T. ABDELALEEM AL-HOSARY

h-Index (Status 11-09-2024)

Google Scholar: h-index 14, i10-index 16
Scopus: h-index 10
ResearchGate: h-index 11

Number of citations (Status 11-09-2024)

Google Scholar: 618
Scopus: 355
ResearchGate: 482

A) In international peer-reviewed journals:

2024

1. **AL-Hosary A.,** Radwan A.M., Ahmed L.S., et al. Isolation and propagation of an Egyptian *Theileria annulata* infected cell line and evaluation of its use as a vaccine to protect cattle against field challenge. Accepted in the Scientific Reports; March 2024.

2023

2. Körsten C., **AL-Hosary A**., Holicki C., Schäfer M., TEWS B.A., Vasić A., Ziegler U., Groschup M., Silaghi C., 2023. Simultaneous co-infections with West Nile virus and Usutu virus in *Culex pipiens* and *Aedes vexans* mosquitoes. Transboundary and Emerging Diseases, 13. https://doi.org/10.1155/2023/6305484
3. Körsten, C.; Vasić, A.; AL-Hosary, A.A.; Tews, B.A.; Răileanu, C.; Silaghi, C.; Schäfer, M. 2023. Excretion Dynamics of Arboviruses in Mosquitoes and the Potential Use in Vector Competence Studies and Arbovirus Surveillance. *Tropical Medicine and Infectious Disease,* 8(8):410. https://doi.org/10.3390/tropicalmed8080410

2022

4. Körsten, C., **AL-Hosary**, A., Schäfer, M., Tews, B.A., Werner, D., Kampen, H., Vasic, A., Silaghi, C., 2022. Vector Competence of German *Aedes punctor* (Kirby, 1837) for West Nile Virus Lineages 1 and 2. Viruses 14, 2787. https://doi.org/10.3390/v14122787
5. **AL-Hosary** A., Mostafa, W., 2022. Epidemiological study on feline otoacariasis with special reference for therapeutic trials. Res J. Vet. Pract. 10, 7–11. https://doi.org/ DOI | http://dx.doi.org/10.17582/journal.rjvp/2022/10, ISSN | 2308-279

2021

6. **AL-Hosary A.,** ElSify, A., Salama, A. A., Nayel, M., Elkhtam, A., Elmajdoub, L. O., Rizk, M. A., Hawash, M. M., Al-Wabel, M. A., Almuzaini, A. M., Ahmed, L., Paramasivam, A., Mickymaray, S., Omar, M. A., 2021. Phylogenetic study of *Theileria ovis* and *Theileria lestoquardi* in sheep from Egypt: Molecular evidence and genetic characterization. Veterinary world 14, 634-639. https://doi.org/10.14202/vetworld.2021.634-639
7. **AL-Hosary,** A., Răileanu, C., Tauchmann, O., Fischer, S., Nijhof, A.M., Silaghi, C., 2021. Tick species identification and molecular detection of tick-borne pathogens in blood and ticks collected from cattle in Egypt, Ticks Tick Borne Dis. 12(3):101676. https://doi.org/10.1016/j.ttbdis.2021.101676

2020

8. **AL-Hosary, A.,** Răileanu, C., Tauchmann, O., Fischer, S., Nijhof, A.M., Silaghi, C., 2020. Epidemiology and genotyping of Anaplasma marginale and co-infection with piroplasms and other Anaplasmataceae in cattle and buffaloes from Egypt. Parasites Vectors 13. https://doi.org/10.1186/s13071-020-04372-z
9. Ahmed L., Sayed A., Abd ElKader H., Abu Faddan N., **AL-Hosary A.,** 2020. Phylogenetic analysis of Salmonella species isolated from cows, buffaloes, and humans based on gyrB gene sequences. Tropical Animal Health and Production 52, 1487–1492. https://doi.org/10.1007/s11250-019-02155-y
10. Khamassi K.M., Ayadi, O., **AL-Hosary A.,** Darghouth, M.A., Gharbi, M., 2020. Knowledge and perception on ticks and tick-borne diseases among veterinary medicine students from the North African countries of Algeria, Egypt, and Tunisia. Parasite Epidemiology and Control 11, e00169.
11. Zweygarth, E., Nijhof, A.M., Knorr, S., Ahmed, J.S., **AL-Hosary,** A.T.A., Obara, I., Bishop, R.P., Josemans, A.I., Clausen, P.-H., 2020. Serum-free in vitro cultivation of *Theileria annulata* and *Theileria parva* schizont-infected lymphocytes. Transbound Emerg Dis. 67, 35–39. https://doi.org/DOI: 10.1111/tbed.13348
12. Ewida RM, **Al-Hosary AAT**. Prevalence of enterotoxins and other virulence genes of Staphylococcus aureus caused subclinical mastitis in dairy cows. Vet World. 2020 Jun;13(6):1193-1198. doi: 10.14202/vetworld.2020.1193-1198. pub 2020 Jun 26. PMID: 32801573; PMCID: PMC7396334.

2019

13. Rouatbi M., Amairia S., Amdouni Y., Boussaadoun MA., Ayadi O., **AL-Hosary A.,** Rekik M., Ben Abdallah R., Aoun K., Darghouth MA, Wieland B, Gharbi M., 2019. Toxoplasma gondii infection and toxoplasmosis in North Africa. Parasite 6.
14. **AL-Hosary A.**, El-Tanoby A., Oreiby AF., Hegazy YM., Abd-elghaffar SK., Al-Gaabary MH., 2019. Assessment of the efficacy of routine vaccination on the magnitude of Foot and Mouth Disease outbreak in Kafrelsheikh governorate, Delta Region, Egypt. J Hellenic Vet Med Soc 70, 1479-1486
15. **Al-Hosary A.,** Kandeil A., El-Taweel AN., Nordengrahn A., Merza M., Rebecca R., Kayali G. Ali MA. 2019. Co-infection with different serotypes of FMDV in vaccinated cattle in Southern Egypt. Virus Genes. https://doi.org/10.1007/s11262-019-01645-3
16. Gharbi M., Darghouth M., Elati K, **AL-Hosary A**., Ayadi Q, Salih D, El Hussein A, Mhadhbi M, Khbou M, Hassan S, Obara I*, Ahmed L and Ahmed J. (2019): Current status of tropical theileriosis in Northern Africa: a review of recent epidemiological investigations and implications for control. Transbound Emerg Dis – Accepted on 22-Jul-2019. DOI: 10.1111/tbed.13312.

2018

17. **AL-Hosary,** A., Ahmed, L., Ahmed, J., Nijhof, A., Clausen, P.-H., 2018. Epidemiological study on tropical theileriosis (*Theileria annulata* infection) in the Egyptian Oases with special reference to the molecular characterization of *Theileria* spp. Ticks and Tick-borne Diseases 9, 1489–1493. https://doi.org/10.1016/j.ttbdis.2018.07.008
18. **AL-Hosary A.,** Abd Ellah, M.R., Ahmed L. S., 2018. Evaluation of Oxidative Stress in Sheep Infested with Ticks and Concurrent Diagnosis of Theileriosis. Asian Journal of Animal and Veterinary Advances 13, 263–268. https://doi.org/DOI: 10.3923/ajava.2018
19. **AL-Hosary,** A.A.T., Nordengrahn, A., Merza, M., 2018b. New Approach to Use Blood Smears for Diagnosis of Bovine Theileriosis. Indian J. Anim. Res., 1–4. https://doi.org/10.18805/ijar.B-870

2017

20. **AL-Hosary A.,** 2017. Loop-Mediated Isothermal Amplification (LAMP) Assay for Diagnosis of Bovine Babesiosis (*Babesia bovis* infection) in Egypt. Journal of Advanced Veterinary Research 7, 71–74.
21. **AL-Hosary, A.A.T.,** 2017. Comparison between conventional and molecular methods for diagnosis of bovine babesiosis (*Babesia bovis* infection) in tick infested cattle in upper Egypt. J Parasit Dis 41, 243–246. https://doi.org/10.1007/s12639-016-0785-2
22. El-Khabaz K., **AL-Hosary A.,** 2017. Detection and identification of Foot and Mouth disease virus serotypes in Assiut governorate, Egypt. J Adv Vet Anim. Res 4, 32–38. https://doi.org/DOI: 10.5455/javar. 2017.d186.

2016

23. **AL-Hosary A.,** 2016. Prevalence of Parvovirus Infection in Household Dogs with Special Reference to its Effects on Some Blood Parameters. AJVS. 51, 174–177. https://doi.org/DOI:10.5455/ajvs.236999

2015

24. **AL-Hosary A.,** Ahmed L., Seitzer U., 2015. Diagnostic and Genetic Studies of *Theileria annulata* with Special Reference to Genetic Polymorphism of *Theileria annulate* Merozoite Surface (Tams-1) Antigen. Assiut Veterinary Medical Journal 61, 34–39.
25. **AL-Hosary A.,** Ahmed L., Seitzer U., 2015. First report of molecular identification and characterization of *Theileria* spp. from water buffaloes (*Bubalus bubalis*) in Egypt. Adv. Anim. Vet. Sci. 3, 629-633. https://doi.org/DOI: http://dx.doi.org/10.14737/journal.aavs/2015/3.12.629.633.
26. **AL-Hosary A.,** Ahmed L., Seitzer U., 2015. Evaluation of Loop-Mediated Isothermal Amplification (LAMP) assay for diagnosis of *Theileria annulata* in both cattle and Buffaloes in Upper Egypt. Journal of Advanced Veterinary Research 5.
27. **AL-Hosary A**., EL-Sayed H.K., Ahmed L.S., 2015d. Oxidative stress and hematological profile in *Theileria annulata* clinically infected cattle before and after treatment, Assiut Veterinary Medical Journal 61, 29–33.
28. **AL-Hosary**, Ahmed, J., Nordengrahn, A., Merza, M., 2015. Assessment of the First Commercial ELISA Kit for the Diagnosis of *Theileria annulata*. J Parasitol Res 1–4. https://doi.org/10.1155/2015/787812

2013

29. Metwally AM., Abd Ellah MR, AL-Hosary A., Omar A., 2013. Microscopical and serological studies on Sarcocystis infection with first report of S. cruzi in buffaloes (*Bubalus bubalis*) in Assiut, Egypt. Journal of Parasitic Diseases. https://doi.org/Doi. 10.1007/s12639-013-0257-x.

2012

30. Mohamed AM., Ahmed Abdel-Rady A., Ahmed L., **AL-Hosary A**, 2012. Evaluation of indirect TaSP enzyme-linked immunosorbent assay for diagnosis of tropical theileriosis in cattle (*Bos indicus*) and water buffaloes (*Bubalus bubalis*) in Egypt. J vet Parasito 186, 486-489.

2010

31. **AL-Hosary A.,** Ahmed L., Mohamed A., Abdel-Rady A., 2010. Comparison between Using of BUPAQUONE® and Other Compounds in Treatment of Bovine Theileriosis. Journal for Agro Veterinary and Medical Sciences (IJAVMS) 4, 3–7.
32. Abdel-Rady A., Ahmed LS., Mohamed A., and **AL-Hosary A.** 2010. Using Polymerase chain reaction (PCR) for Diagnosis of Bovine Theileriosis in Upper Egypt. Original Research article in International Journal for Agro Veterinary and Medical Sciences (IJAVMS), 4, (3), 67-74

B) Oral Presentation/Posters at National and International Scientific Conferences

2022

1. **AL-Hosary A.,** Körsten C., Schäfer M., Tews BA., ABS M., Neumann U., Tauchmann O., Stoek F., Eiden M., Silaghi C., 2022. Vector Competence of Aedes albopictus mosquitoes from Germany for Rift Valley Fever virus. Presented at the Junior Scientist Zoonoses Meeting, Hannover, Germany.
2. **AL-Hosary A.,** Körsten C., Schäfer M., Tews B.A., Stoek F., Eiden M., Abs M., Neumann U., Tauchmann O., Silaghi C., 2022. Is Germany at risk for Rift Valley Fever virus emergency? Presented at the International Symposium on Zoonoses Research, Berlin, Germany.
3. **AL-Hosary A.,** Körsten C., Schäfer M., Tews B.A., Stoek F., Eiden M., Abs M., Neumann U., Tauchmann O., Silaghi C., 2022. Vector competence of German *Culex pippins* biotype *molestus* for Rift valley fever virus. Presented at the Junior Scientific Symposium, Greifswald, Germany.
4. **AL-Hosary A.,** Tews BA., Körsten C., Schäfer M., Neumann U., Tauchmann O., Stoek F., Eiden M., Silaghi C., 2022. Is Rift Valley fever virus a threat for Germany? Evaluation of the vector competence of German mosquitoes for Rift Valley fever virus. Presented at the One Health Conference, Greifswald, Germany.
5. Körsten C., **AL-Hosary A.,** Holicki CM., Schäfer M., Tews B.A., Vasic A., Ziegler U., Groschup M.H., SILAGHI C., 2022. Co-infections of West Nile virus and Usutu virus in *Culex pipiens* biotype *molestus*. Presented at the Junior Scientist Zoonoses Meeting, Hannover, Germany.
6. Körsten C., Schäfer M., **AL-Hosary A.,** Vasic A., Tews B.A., Werner D., Kampen H., Silaghi C., 2022. Vector competence of *Aedes punctor* (Kirby, 1837) for West Nile virus lineages 1 and 2. Presented at the One Health Conference, Greifswald, Germany.
7. **AL-Hosary A.,** Körsten C., Schäfer M, Tews B.A., Stoek F, Eiden M., Abs M., Neumann U., Tauchmann O., Silaghi C. 2022. Vector competence of German mosquitoes for Rift Valley fever virus. 2nd Summer School on “Infection Biology” 26-28 September in Greifswald, Germany.
8. **AL-Hosary A.,** Bagato O., Stoek F., Abs M., Neumann U, Tauchmann O., Tews B. A., Eiden M., Ushakov D, Silaghi1C., 23-25 May, Berlin, Vector competence and kinetics of Rift Valley Fever Virus in German *Aedes albopictus*. Presented at the DVG-Fachgruppe Parasitologie und parasitäre Krankheiten, Berlin, Germany.

2019

9. AL-Hosary A., 2019. Molecular identification and characterization of *Theileria* spp. responsible for ovine theileriosis in Egypt. Presented at the ISTTBD-XIII, Weimar Germany.

2016

10. **AL-Hosary A.,** 2016. Azurophilic Granules in the Peripheral Blood Leukocytes as an Indicator for Bovine theileriosis infection. Presented at the 27th Annual Meeting of the German Society for Parasitology (DGP), University of Göttingen, Germany.
11. **AL-Hosary A.**, 2016. Molecular identification and characterization of *Theileria* spp in cattle (Bos indicus) in Egypt. Presented at the 27th Annual Meeting of the German Society for Parasitology (DGP), University of Göttingen, Germany.
12. **AL-Hosary A.,** Ahmed LS., Jabbar S.A, Nijhof AM., Hunging CP., 2016. Epidemiological studies on Bovine Theileriosis in the Egyptian oases. Presented at the First joint AITVM-STVM conference entitled "Tropical Animal Diseases and Veterinary Public Health, Berlin, Germany.
13. **AL-Hosary A.,** Fatma S. Mahmoud, Zeinab, M. Ahmed., 2016. Some epidemiological studies on the most important infectious diseases in Assiut Governorate, Egypt: Part II. Presented at the 13th Scientific Conference of the Egyptian society of cattle diseases, Hurghada Egypt.
14. Ewida RM., **AL-Hosary A.,** 2016. Prevalence of *Staphylococcus aureus* in Milk Samples from Subclinical Mastitic Cows in Assiut City. Presented at the 13th Scientific Conference of the Egyptian society of cattle diseases, Hurghada Egypt.

2015

15. Obara I, Nijhof A, KarlHZ, ObaKurt P, Odongo D, Lubega G, Gwakisa P, Hussein A, Salah L, **AL-Hosary A.,** Darghouth M, Shawgi H, Idris A, Agol Malak K, Wani M, Rabei ES, Ulrike S, Ahmed J, Bishop R, Clausen, PH, 2015. Molecular epidemiology network for promotion and support of delivery of live vaccines against *Theileria parva* and *Theileria annulata* infection in Eastern and Northern Africa. Presented at the German Society for Veterinary Medicine (DVG, Working group Parasitology), Stralsund, Germany.
16. Obara I., Nijhof A, Zessin KH, Pfister, K, Odongo D, Lubega G, Gwakisa P, Hussein A, Salah L., **AL-Hosary A.,** Darghouth M, Shawgi H, Idris A, Agol Malak K, Wani M, Rabei ES, Ulrike S, Ahmed J, Bishop R, Clausen, PH, 2015. Cattle class I MHC diversity and CD8 T cell responses to *Theileria parva*, Presented at the 25th International Conference of the World Association for the Advancement of Veterinary Parasitology, Liverpool, United Kingdom.

2014

17. **AL-Hosary A.,** Zeinab, M.A., Fatma S.M., 2014. (2014): Clinical Survey of Some Infectious Diseases in Teaching Hospital –Faculty of Veterinary Medicine, Assiut University, Presented at the 16th Scientific Conference, Faculty of Veterinary Medicine, Assiut University, Egypt, Assiut, Egypt.

2013

18. **AL-Hosary A.,** Laila S. Ahmed, Ulrike Seitzer., 2013. Molecular Epidemiology Studies on Bovine Theileriosis in Upper Egypt. Presented at the XVIth International Congress on Animal Hygiene 2013, Animal Hygiene and Sustainable Livestock Production", Nanjing-China.
19. Radwan A., Ibrahim M., Abdalla A., **AL-Hosary A.,** Laila S. Ahmed., 2013. Conventional detection of *Babesia bovis* in tick infested cattle and its effect on the hematological profile. Presented at the XVIth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Nanjing-China.

2011

20. Abd Ellah M., **AL-Hosary A.,** 2011. Cattle theileriosis: Effect on serum constituents, erythrocytes, and platelets pictures. Presented at the XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria.
21. Ahmed L., Abdel-Rady A., Mohamed A, **AL-Hosary A.,** 2011. Comparison between Conventional and Recent methods for diagnosis of bovine theileriosis. Presented at the XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria.
22. **AL-Hosary A.,** Ahmed L., Mohamed A., Abdel-Rady A., 2011. Detection of *Theileria annulata* by PCR and its Comparison with Conventional Method Presented at the XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria.
23. Abd Ellah M., **AL- Hosary A.,** Sayed M., Oraby M. and Hussien A. 2011. Effect of Strongylosis on some blood constituents in donkeys. XVth International Congress Presented at the XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria.
24. Abd Ellah M., Asmaa M., AL-Hosary A., and Abd Elbaset A. 2011. Comparison between conventional and ELISA methods for diagnosis of Sarcocystosis in buffaloes. Presented at the XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria.

C) Book

AL-Hosary, A.A.T., 2016. Molecular Typing of Bovine Theileriosis in Upper Egypt. LAMBERT academic publisher, Germany.

D) Patent

Attenuated Tissue Culture Vaccine against *Theileria annulate* (The Egyptian Strain-EG/P/2019/1920).