



FACULTY OF VETERINARY MEDICINE

AMIRA ADEL TAHA ABDEL ALEEM AL-HOSARY



Contact	
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Personal Information	
Date of Birth:	01-06-1983
Citizenship:	Egyptian
Marital status	Single
Occupation:	Lecturer of infectious Diseases in Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University, Egypt

Academic Positions	
2000-2006 Demonstrator	Animal Medicine department (Infectious Diseases), Faculty Veterinary Medicine, Assiut University.
2007-2009 Assistant Lecturer	Animal Medicine department (Infectious Diseases), Faculty Veterinary Medicine, Assiut University.
January: March 2012 Guest	Research Institute Borstel, Veterinary Group, Borstel, Hamburg, Germany.
2013 till Now Lecturer	Animal Medicine department (Infectious Diseases), Faculty Veterinary Medicine, Assiut University.

Education	
2000-2005	Bachelor degree in Veterinary Sciences (Very Good), Assuit University, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
2006-2009	Master of Veterinary Medical Science (Infectious diseases). Faculty of Veterinary Medicine, Assuit University. The Master thesis funded by: 1- Division of veterinary infection Biology and Immunology, Department of cell Biology and immunology, Research Center, Borstel, Germany. 2- Intercova Company "Animal Health Products Division-Egypt" and KIM-VET, Company for veterinary drugs. Title of thesis RECENT METHODS OF DIAGNOSIS AND TRIAL OF TREATMENT OF BOVINE THEILERIOSIS
2010-2013	Doctor of Veterinary Medical Science (Infectious diseases). Faculty of Veterinary Medicine Assuit University. The Ph.D. thesis funded by: “DFG German- African cooperation projects in infectiology” “Molecular epidemiology network for promotion and support of delivery of life vaccines against Theileria parva and Theileria annulata infection in Eastern and Northern Africa” (DFG AH 41/7-1). Title of thesis MOLECULAR TYPING OF BOVINE THEILERIOSIS IN UPPER EGYPT

Honors and awards:	
2005	Assiut State Medal for Top Ten University Graduates.
2009	Certificate of honor from the Faculty of Veterinary Medicine, Assiut University for scientific effort and excellence in Master Thesis.
2010	Ph.D. Scholarship from the Veterinary infection Biology, Research Centre, Borstel, Germany (2010 till 2013) funded by “Molecular epidemiology network for promotion and support of delivery of life vaccines against Theileria parva and Theileria annulata infection in Eastern and Northern Africa” (DFG AH 41/7-1) project.
2013	Prize of the Best Master Thesis at Assiut University, 2010-2012.
2014	Certificate of honor from the Faculty of Veterinary Medicine, Assiut University for scientific effort and excellence in Ph-D Thesis.
2014	Work in collaboration with <i>Boehringer Ingelheim Savnova, Sweden</i> to test and validate the <i>Svanovir ELISA</i> kit for detection of specific antibodies against <i>Theileria annulata</i> . 2013-2014
2015	Partner in the “Molecular epidemiology network for promotion and support of delivery of life vaccines against Theileria parva and Theileria annulata infection in Eastern and Northern Africa” (DFG AH 41/7-1) project phase II the (Post-Doctoral researcher)

Membership in organizations:

A member of Egyptian Society of Cattle Diseases.

A member of “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) project.

A member in the Molecular Biology Research Unit-Assiut University, Egypt

A member of Construction of educational digital visual library for videos and photos within the first session of student projects funded by the Ministry of Higher Education and Quality Assurance Authority, Egypt.

A member of Continuous Improvement and Qualifying for Accreditation (CIQAP) - faculty of veterinary medicine-Assuit University.

Teaching Activities

Teaching of the practical courses of Infectious Diseases for the 4th and 5th years undergraduate Veterinary Medicine students.

Teaching the Infectious Diseases course of 5th year undergraduate students, undergraduate Veterinary Medicine students

Oral examiner for Infectious Diseases students, Faculty of Veterinary Medicine, Assiut University.

Academic advisor for Veterinary Medicine students, Assiut University.

A staff member in summer training programs for students at villages of Upper Egypt (2006 till Now).

Teaching lectures and practical sessions in the workshops of Molecular research biology unit-Assiut University.

Supervisor of master thesis (in progress)

Research Techniques and Interest

- Conventional identification of blood parasites by using Giemsa stained thin blood film and Lymph smears.
- Infectious disease especially blood parasites of cattle and Buffaloes, their serological and Molecule diagnosis.
- Establishment and stabilization of cell line of *Theileria spp.* and other techniques in tissue cultures.
- Different molecular biology methods including:
 - _ Isolation of total RNA and genomic DNA.
 - _ Polymerase chain reaction (PCR).
 - _ Loop-mediated isothermal amplification (LAMP).
 - _ Design of degenerated primer.
 - _ Cloning of PCR product.
 - _ Transformation of plasmid DNA into E.coli.
 - _ Sequences alignment and Phylogenetic analysis.
 - _ Translation of the sequences to their Open Reading Frames (ORF).

Publications

1- Evaluation of Loop-Mediated Isothermal Amplification (LAMP) assay for diagnosis of *Theileria annulata* in both cattle and Buffaloes in Upper Egypt, Amira AL-Hosary, Laila S. Ahmed, Ulrike Seitzer, Journal of Advanced Veterinary Research, Vol. 5, No 1 (2015).

2- Diagnostic and Genetic Studies of *Theileria annulata* with Special Reference to Genetic Polymorphism of *Theileria annulata* Merozoite Surface (Tams-1) Antigen, Amira AL-Hosary, Laila S. Ahmed, Ulrike Seitzer, Assiut Veterinary Medical Journal Vol. (61), 2015.

3- Oxidative stress and hematological profile in *Theileria annulata* clinically infected cattle before and after treatment, AL-Hosary A.A.T., EL-Sayed H.K., Ahmed L.S., Assiut Veterinary Medical Journal, Vol. (61), (2015).

4- Clinical Survey of Some Infectious Diseases in Teaching Hospital –Faculty of Veterinary Medicine- Assiut University, Amira A. T. AL-Hosary, Zeinab, M. Ahamed, Fatma S. Mahmoud. The 16th Scientific Conferrence, Faculty of Veterinary Medicine, Assiut University, Egypt, 30 Nov.- 2 Dec, 2014, 31-44.

5- “Microscopical and serological studies on Sarcocystis infection with first report of *S. cruzi* in buffaloes (*Bubalus bubalis*) in Assiut, Egypt” Asmaa M. Metwally, Mahmoud R. Abd Ellah, Amira A. AL-Hosary, Mosaab A. Omar, Journal of Parasitic Diseases , Doi. 10.1007/s12639-013-0257-x., 2013.

6- “Molecular Epidemiology Studies on Bovine Theileriosis in Upper Egypt” Amira AL-Hosary, Laila S. Ahmed, Ulrike Seitzer. XVI th International Congress on Animal Hygiene 2013, Animal Hygiene and Sustainable Livestock Production” May 3-7, 2013- Nanjing-China.

7- “Conventional detection of *Babesia bovis* in tick infested cattle and its effect on the hematological profile” Ahmed M. Radwan, Mohamed A. Ibrahim, Abdalla A. Abdalla, Amira AL-Hosary, Laila S. Ahmed. XVI th International Congress on Animal Hygiene 2013, Animal Hygiene and Sustainable Livestock Production” May 3-7, 2013- Nanjing-China.

8- “Evaluation of indirect TaSP enzyme-linked immunosorbent assay for diagnosis of tropical theileriosis in cattle (*Bos indicus*) and water buffaloes (*Bubalus bubalis*) in Egypt” Amr M. Mohameda, Ahmed Abdel-Rady, Laila S. Ahmed, Amira El-Hosary. Journal of veterinary Parasitology 186(2012), 486-489.

9- Detection of *Theileria annulata* by PCR and its Comparison with Conventional Method. Amira A. Al-Hosary, L. S. Ahmed, A. Mohamed and A. Abdel-Rady. XVth International Congress on Animal Hygiene 2011, Animal Hygiene and Sustainable Livestock Production” July 3-7, 2011—Vienna, Austria.

10- “Comparison of Primer Sets for Amplification of 30 kDa Merozoite Surface Antigen of Bovine Theileriosis” Mahmoud R. Abd Ellah, Amira A.T. AL-Hosary. Journal of Animal and Veterinary Advances, Medwelljournals, Vol.10-No.12, 1607-1609.
<http://medwelljournals.com/abstract/?doi=javaa.2011.1607.1609,May,2011>

11-“Effect of Strongylosis on some blood constituents in donkeys” Mahmoud Rushdi Abd Ellah, Amira Adel Taha AL- Hosary, Mohamed Bakr Sayed, Mohamed. XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 883-885, July, 2011

12- “Comparison between Conventional and Recent methods for diagnosis of bovine

theileriosis” Laila. S. Ahmed, Ahmed Abdel-Rady, Amr Mohamed and Amira Al-Hosary, XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 905:907, July, 2011
13- “Comparison between conventional and ELISA methods for diagnosis of Sarcocystosis in buffaloes” Mahmoud R. Abd Ellah, Asmaa M. M., Amira A. T. AL-Hosary, Abd Elbaset E. Abd Elbaset, XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 913-915, July, 2011
14-“Cattle theileriosis: Effect on serum constituents, erythrocytes and platelets pictures” , Mahmoud R. Abd Ellah, Amira A. T. AL- Hosary. XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 909-912, July, 2011.
15-“Comparison between Using of BUPAQUONE ® and Other Compounds in Treatment of Bovine Theileriosis” as Original Research article in International Journal for Agro Veterinary and Medical Sciences (IJAVMS) Vol. 4, Issue 1, 2010, 3-7.
16- “Using Polymerase chain reaction (PCR) for Diagnosis of Bovine Theileriosis in Upper Egypt” as Original Research article in International Journal for Agro Veterinary and Medical Sciences (IJAVMS) Vol. 4, Issue 3, 2010, P. 67-74.

Presentations	
2006	“Literature review on Tropical theileriosis, at Department of animal medicine, Faculty of veterinary medicine, Assiut University.
2010	“Recent methods for diagnosis of Tropical theileriosis in Upper Egypt” Department of infectious diseases, free University of Berlin, Germany.
2011	Conventional and Molecular identification of <i>Theileria annulata</i> in cattle and buffaloes, Soba Research institute- Khartoum, Sudan.
2012	“Molecular Identification and sequences analysis of Bovine theileriosis” Research Centre Borstel, Germany.
2013	‘Molecular Epidemiology Studies on Bovine Theileriosi in Upper Egypt’ Animal Hygiene and Sustainable Livestock Production” May 3-7, 2013- Nanjing-China.
2013	“Conventional detection of <i>Babesia bovis</i> in tick infested cattle and its effect on the hematological profile” Animal Hygiene and Sustainable Livestock Production” May 3-7, 2013- Nanjing-China.
2013	“Molecular Typing of Bovine Theileriosis in Upper Egypt” at Department of animal medicine, Faculty of veterinary medicine, Assiut University, Egypt.
2013	“Different types of PCR and some of its application”, at Molecular biology research unit-Assiut University, Egypt.
2013	“Interpretation of Sequence results” at Molecular biology research unit-Assiut University, Egypt.
2014	“Tropical Theileriosis in Egypt”, Savnova, Boehringer Ingelheim, Uppsala, Sweden.

2014	“Restriction Endonucleases, (cutting DNA) and ligases & phosphatases”, at Molecular biology research unit-Assiut University, Egypt.
2014	“Detection of your cloning and pick up your right clone”, at Molecular biology research unit-Assiut University, Egypt.
2014	“Introduction to Bioinformatics” at Molecular biology research unit-Assiut University, Egypt.
2014	“BLAST and FASTA” at Molecular biology research unit-Assiut University, Egypt.
2014	“Molecular Phylogenetic” at Molecular biology research unit-Assiut University, Egypt.

Conferences and Meeting

(2014)	The Kick-off Meeting of German Africa Cooperation projects in infectiology Phase II in Berlin, Germany from 3 rd to 7 th November 2014.
(2014)	Sharing in the Follow-Up Conference on German Africa Cooperation projects in infectiology in Dar es Salaam-Tanzania 29th January to 2nd February 2014.
(2011)	Sharing in the Follow-Up Conference on German Africa Cooperation projects in infectiology in Nairobi-Kenya 8th to 12th June, 2011.
(2011)	Sharing in the Follow-Up Conference on German Africa Cooperation projects in infectiology in Accra, Ghana, 24-26 March 2011.
(2010)	The Kick-off Meeting of German Africa Cooperation projects in infectiology in Berlin, Germany from 23 to 25th June 2010.
(2013)	Sharing in scientific conferences of the International Society for Animal Hygiene (ISAH).
	Sharing in annual scientific conferences of Faculty of Veterinary Medicine, Assuit University, Assuit, Egypt.
	Sharing in annual scientific conferences of Egyptian Society of Cattle Diseases, Assuit University, Assuit, Egypt.

Attended programs, Training and workshops

- 2014** Technical workshop on Assessment of immunization trials, Free University Berlin, Germany, November 2014.
- 2013** Technical workshop on ‘Introduction to the Epidemiology Toolbox’ 22-25 April 2013, Veterinary infection Biology, Research Centre, Borstel and Faculty of veterinary medicine, free University of Berlin, Germany.
- 2013** Technical workshop on Using EndNote, March 2013.

<p>2013 Technical workshop on the University administration.</p> <p>2013 Technical workshop on Methods of student assessment.</p> <p>2013 Technical workshop on the Time and meetings management.</p>
<p>2012 Technical training at Research Centre Borstel, Germany for three months from January till March 2012.</p> <p>2012 Technical workshop on Tissue Culture of <i>Theileria annulata</i> Veterinary infection Biology, Research Centre, Borstel, Germany and Assiut University.</p> <p>2012 Technical workshop on Bioinformatics, 6-8 march 2012, Veterinary infection Biology, Research Centre, Borstel, Germany.</p>
<p>2011 Technical workshop on diagnostic tools- PCR and beyond, 13-17 November, 2011, Veterinary infection Biology, Research Centre, Borstel, Germany and University of Khartoum -Sudan.</p>
<p>2009 Training course of using credit hours in teaching system.</p> <p>2009 Training course of using credit hours in E-Learning.</p>
<p>2008 Training course of Enzyme linked immuno-sorbent assay (ELISA) principals and different application.</p>
<p>2007 Training course of communication Skills.</p> <p>2007 Training course of Code of Ethics.</p> <p>2007 Training course of thinking skills.</p>
<p>2006 Training course of Legal and Financial Aspects in University.</p> <p>2006 Training course of using new methodology for teaching.</p> <p>2006 Training course of the instruction of courses.</p> <p>2006 Training course of using technology for teaching.</p>

Computer skills

Successfully completed the International Computer Driving License (ICDL), Issued by the UNESCO Cairo office, 2011.

Successfully completed the course of using EndNote, March 2013.

languages

English very good 'written & spoken'

2nd Grundstufe of German language.

Reference professor:

Prof. Dr. Laila S. Ahmed (My Ph.D. supervisor)

Professor of infectious diseases and Head of Department of Animal Medicine, Faculty of Veterinary Medicine, veterinary teaching hospital, Assiut University, Egypt.

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Details of courses, degrees and certification are available upon request.