



C.V

Personal Data:

Name : Heba Ahmed Abdalla Abd-Elmegeed

Date of Birth : 1/7/1977

Religion : Moslem

Nationality : Egyptian

Martial – State : Married

Home Address : Mustafa Kamel Street, Kobri Elqubba, Cairo – Egypt

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02-24443306

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hebaahmedzu@gmail.com
heba_ahmed_77@yahoo.co.uk

Language : Arabic- mother tongue language
English

National ID: 27707011300667

Qualification:

- 1- **PhD** in epidemiology and molecular epidemiology of zoonotic diseases, **Edinburgh University, United Kingdom. (September, 2005- October, 2009)**. Thesis title “African trypanosomes; a model for the improvement of molecular diagnosis of blood borne parasites”.
- 2- **Master** of Veterinary Science (MSc), Zoonoses, Faculty of veterinary medicine, **Zagazig University, Egypt, (2000-2003)**. Thesis title “Tracing some sources of infection with some zoonotic bacteria among family *Enterobacteriaceae*”.
- 3- **Bachelor** of Veterinary Science (BVSc), Faculty of veterinary medicine, **Zagazig University, Egypt, May, 1999**.

Employment

- 1- Professor of Zoonoses, Zoonoses department, Faculty of Veterinary Medicine, Zagazig University (28/1/2020-Present).
- 2- Assistant Professor of Zoonoses, Zoonoses department, Faculty of Veterinary Medicine, Zagazig University (30/12/2014-27/1/2020).
- 3- Lecturer of zoonoses, Zoonoses department, Faculty of Veterinary Medicine, Zagazig University (29/12/2009-29/12/2014).
- 4- PhD student in Royal (Dick) School of Veterinary Studies, Faculty of Medicine and Veterinary Medicine, Edinburgh University, United Kingdom (september 2005-october 2009).
- 5- Assistant lecturer of Zoonoses, Zoonoses department, Faculty of Veterinary Medicine, Zagazig University (20/10/2013-September, 2005).
- 6- Demonstrator of veterinary anatomy for the first and second year students, Royal (Dick) School of Veterinary Studies, Edinburgh University, United Kingdom (August 2008-August 2009).

7- Demonstrator of zoonoses, Zoonoses department, Faculty of Veterinary Medicine, Zagazig University, (4/3/2000-september 2003).

WORK EXPERIENCE:

- 1- Director of E-Learning Unit, Faculty of Veterinary Medicine, Zagazig University, March 2020- till now.
- 2- Secretary Editor, Zagazig Veterinary Journal, Faculty of Veterinary Medicine, Zagazig University, 2015- till now.
- 3- Teaching zoonoses for final year BVSc students, Faculty of Veterinary Medicine, Zagazig University.
- 4- Teaching zoonoses for post-graduate students, Faculty of Veterinary Medicine, Zagazig University.
- 5- Demonstrating in the first and second year practical veterinary anatomy classes at the Royal (Dick) School of Veterinary Studies, Edinburgh University, United Kingdom (August 2008-August 2009).
- 6- Supervising a final year student in Infectious disease honor project, Royal (Dick) School of Veterinary Studies, Edinburgh University, United Kingdom (March-April, 2009).
- 7- A member in the team of stamp out sleeping sickness project in Uganda, sponsored by WHO, Seva Sante Company, Edinburgh University, United Kingdom and Macarary University, Uganda (2006-2009).

EXPERIENCE AS TRAINER

- 1- Certified International Professional Trainer (CIPT19”, Faculty and Leadership Development Center, Cairo University, Accredited by Missouri State University, 17-24 March, 2018, Grade A).
- 2- Deputy Director of the Training and Continuing Education Unit, Zagazig University, 1st August 2020-Uptil now.
- 3- Trainer at the Training and Continuing Education Unit, Zagazig University, 27 December 2017-Uptil now (Online and On site training).
- 4- Trainer at the Faculty Leadership and Development Center, Zagazig University, December 2018-Uptil now (Online and On site training).
- 5- Member of the training unit, Quality Assurance Unit, Faculty of Veterinary Medicine, Zagazig University.
- 6- Training at the Animal Health Research Institute, Zagazig Branch.
- 7- Training at the Veterinary Syndicate, Zagazig, Shaarkia Governorate.
- 8- Training at the National Research Center, Dokki, Giza.

9- Training programs:

- International Publication of Research Articles
- Scientific Writing of Research Articles and Dissertations.
- Endnote and Mendeley for Reference Management.
- Databases and Endnote for Reference Management.
- Scientific Research Ethics and How to Avoid Plagiarism.
- Rules and Skills for Successful Peer-Review.
- Using Technology in education and learning.
- Successful presentation skills.

Management Development Institute

Certificate of Completion

Presented to

Heba Ahmed Abdalla

For the Successful Completion of

Certified International Professional Trainer (CIPT)

A professional course of study authorized by the
Center for Business & Economic Development
Missouri State University Provided by FLDC

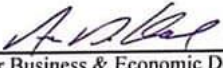
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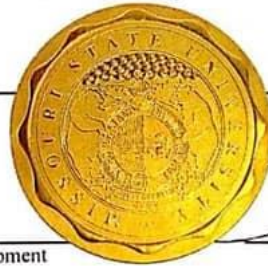
EXP. March 2021

60

Hours of Instruction


Center for Business & Economic Development


Management Development Institute



Supervision (Master Theses):

- 1- Supervising a master thesis of vet/ Alaa Eldin Mohamed Saad, demonstrator at Zoonoses Department, registered for **master of veterinary medical sciences (Zoonoses)** on March 2011 with the title "Zoonotic importance of Campylobacteriosis at Sharkia province", Faculty of Veterinary Medicine, Zagazig University. (**Granted Master degree on 18/3/2014**).
- 2- Supervising a master thesis of vet/ Marwa Magdi Abbas, demonstrator at Zoonoses Department, registered **for master of veterinary medical sciences**

- (**Zoonoses**) on September 2012 with the title "Epidemiological and molecular studies on some pathogens within family *Enterobacteriaceae* in dairy farms and human in contact", Faculty of Veterinary Medicine, Zagazig University. (**Granted Master degree on 9/3/2015**).
- 3- Supervising a master thesis of vet/ Ahmed Hefny Abdelfattah, registered for **master of veterinary medical sciences (Bacteriology)** on September 2012 with the title "Occurrence, antibiotic resistance and genotyping of *C. jejuni* strains isolated from chickens, their meat and humans", Faculty of Veterinary Medicine, Benha University. (**Granted Master degree on 18/1/2015**)
 - 4- Supervising a master thesis of vet/ Kareem Mohamed Ahmed Mohamed Saleh, registered for **master of veterinary medical sciences (Zoonoses)** on March 2014 with the title "Studies on *Cronobacter* species in animals and humans", Faculty of Veterinary Medicine, Zagazig University (**Granted Master degree on 1/2017**).
 - 5- Supervising a master thesis of vet/ Dalia Ahmed Samir, registered for **master of veterinary medical sciences (Zoonoses)** on March 2016 with the title " Molecular and epidemiological studies on some zoonotic bacteria transmitted by rabbits ", Faculty of Veterinary Medicine, Zagazig University (**Registration discontinued**).
 - 6- Supervising a master thesis of Rofaida Mahmoud Bakre, registered for **master of science (Microbiology)** on March 2016 with the title " Molecular Study on Antiseptic and Antibiotic Resistant *Staphylococcus aureus*", Faculty of Science, Zagazig University (**Granted Master degree 12/9/2019**).
 - 7- Supervising a master thesis of Elsayed Khairi Ali, registered for **master of science (Microbiology)** on March 2016 with the title " Identification of some Virulence Associated Genes and Antibiotic Resistance in some Streptococcus

- Species Causing Nosocomial Infection”, Faculty of Science, Zagazig University .
- 8- Supervising a master thesis of vet/ Rowaida Abdelazim Mahmoud, registered for **master of veterinary medical sciences (Zoonoses)** on September 2016 with the title " Marine and fresh water sources of zoonotic *Vibrio* species ", Faculty of Veterinary Medicine, Zagazig University (**Granted Master degree 1/12/2019**). .
 - 9- Supervising a master thesis of vet/ Asmaa Abdelkarim Awad, registered for **master of veterinary medical sciences (Zoonoses)** on September 2016 with the title " Studies on *Klebsiella* species in small ruminants and humans", Faculty of Veterinary Medicine, Zagazig University (**Registration discontinued**).
 - 10- Supervising a master thesis of Nagham Moustafa Nassar, registered for **master of science (Microbiology)** on March 2017 with the title " Phenotypic and genotypic characterization of vancomycin resistant *Enterococci* in clinical samples from hospitalized patients”, Faculty of Science, Zagazig University (**Granted Master degree 18/6/2019**).
 - 11- Supervising a master thesis of Mona Alaa Abdelazeem, registered for **master of veterinary medical sciences (Food Control)** on March 2017 with the title " Occurrence of B-lactamase producing *E. coli* in chicken meat and its products”, Faculty of Veterinary Medicine, Zagazig University (**Granted Master degree 3/2/2020**).
 - 12- Supervising a master thesis of Reham Ragab Elsayed Mohamed, registered for **master of veterinary medical sciences (Food Control)** on March 2017 with the title " Prevalence of *Enterococcus* species in chicken meat in Sharkia Governorate”, Faculty of Veterinary Medicine, Zagazig University (**Granted Master degree 31/5/2020**).

- 13- Supervising a master thesis of Yasmine Mohamed Elmesalamy, registered for **master of veterinary medical sciences (Food Control)** on March 2017 with the title " Prevalence of *Clostridia* species in retail meat and meat products", Faculty of Veterinary Medicine, Zagazig University (**Granted Master degree 11/10/2020**).
- 14- Supervising a master thesis of Moustafa Ramadan Ahmed Abdalla, registered for **master of science (Microbiology)** on September 2016 with the title " Phenotypic and genotypic identification of extended spectrum beta lactamase producing *Escherichia coli* isolates from patients with urinary tract infection", Faculty of Science, Zagazig University.
- 15- Supervising a master thesis of Eman Housseni, registered for **master of science (Microbiology)** on March 2018 with the title " Molecular characterization and antimicrobial profile of nosocomial extended spectrum beta lactamase producing *Klebsiella* species", Faculty of Science, Zagazig University.
- 16- Supervising a master thesis of Rabab Nabil Mohamed, registered for **master of science (Microbiology)** on December 2018 with the title " Phenotyping and Genotyping of Nosocomial *Pseudomonas aeruginosa* infection in clinical samples", Faculty of Science, Zagazig University.
- 17- Supervising a master thesis of Walaa Gamil Elsayed, registered for **master of science (Microbiology)** on December 2018 with the title " Genotypic Characterization of Antibiotic Resistant Microbes in Polymicrobial Wound Infections", Faculty of Science, Suez Qanal University.
- 18- Supervising a master thesis of Sanaa Diab Sharaf, registered for **master of science (Microbiology)** on December 2018 with the title " Serological and Antibiotic Genetic Resistance Characterization of Some Prevailing Microbes in Gastritis Patients Fecal Samples", Faculty of Science, Suez Qanal University.

- 19- Supervising a master thesis of Amany Abdelhamid Hassan, registered for master of science (Microbiology) on **December 2018** with the title " Prevalence of Clostridium perfringens in milk and dairy products. ", Faculty of Science, Zagazig University (**Granted Master degree 18/6/2019**).
- 20- Supervising a master thesis of Nabawi Moustafa Alnabawi, registered for master of science (Microbiology) on **December 2018** with the title " Genotyping of Enterococcus spp . isolated from clinical samples at hospitals and the effect of plant extract on antimicrobial Resistance", Faculty of Science, Zagazig University.
- 21- Supervising a master thesis of Doaa Hassan Ahmed Bayomi, registered for master of science (Microbiology) on **December 2018** with the title " Molecular characterization of antibiotic resistant Vibrio species in water and food sources", Faculty of Science, Zagazig University.
- 22- Supervising a master thesis of Esraa Helmi Abdelaziz Abdelrahman, registered for master of science (Microbiology) on November 2019 with the title " Microbiological and Molecular Study on Pseudomonas aeruginosa clinical isolates and the effect of nanoparticles on antimicrobial resistance and biofilm formation", Faculty of Science, Zagazig University.
- 23- Supervising a master thesis of Nouha Ahmed Anwar, registered for master of science (Microbiology) on September 2019 with the title " Comparative Study between Antibiotic Resistant Urine and Fecal E. coli isolates from Patients with Urinary Tract Infection", Faculty of Science, Zagazig University.
- 24- Supervising a master thesis of Esraa Hassan Mahmoud Ibrahim, registered for master of science (Microbiology) on **September 2019** with the title " Molecular characterization of antibiotic resistant E. coli and Salmonella species in water and food sources", Faculty of Science, Zagazig University.

Supervision (PhD Theses):

- 1- Supervising a PhD thesis of vet/ Rehab Eid Mohamed, Assistant lecturer at Zoonoses Department, registered for PhD of veterinary medical sciences (Zoonoses) on September 2013 with the title "Molecular epidemiological studies on *Salmonella* species isolated from human and birds", Faculty of Veterinary Medicine, Zagazig University (Granted PhD degree on 12/2017).
- 2- Supervising a PhD thesis of vet/ Ahmed Hefny Abdelfattah, registered for PhD of veterinary medical sciences (Microbiology) on March, 2015, with the title "Macrolide and Quinolone resistance genes mutations contributing to resistance in *C. jejuni* isolates of poultry origin", Faculty of Veterinary Medicine, Benha University (Granted PhD degree on 12/2018).
- 3- Supervising a PhD thesis of vet/ Maha Mohamed Rizk, registered for PhD of veterinary medical sciences (Zoonoses) on March, 2016, with the title "Epidemiological and molecular studies on fishborne Aeromoniasis with its public health importance ", Faculty of Veterinary Medicine, Zagazig University.
- 4- Supervising a PhD thesis of vet/ Lubna Mohamed, registered for PhD of veterinary medical sciences (Zoonoses) on March, 2016, with the title "Molecular and epidemiological studies on Avian Influenza in relation to the risk assessment of the disease ", Faculty of Veterinary Medicine, Zagazig University (Granted PhD degree 26/2/2022).
- 5- Supervising a PhD thesis of vet/ Kareem Mohamed Ahmed Mohamed Saleh, registered for PhD of veterinary medical sciences (Zoonoses) on March 2017 with the title "Molecular Characterization and Risk Assessment of *Listeria* species in Meat and Humans", Faculty of Veterinary Medicine, Zagazig University.

6- Supervising a PhD thesis of vet/ Heba Ali Abdelrahman, registered for PhD of veterinary medical sciences (Zoonoses) on September 2017 with the title "One Health Aspect of Dermatophytoses", Faculty of Veterinary Medicine, Zagazig University.

7- Supervising a PhD thesis of vet/ Mai Ali Mohamed Elshafi, registered for PhD of veterinary medical sciences (Zoonoses) on April 2021 with the title "Molecular characterization of Staphylococcus aureus in milk, dairy products, dairy workers and human consumers.

Peer Reviewing of Theses

1. Master thesis of vet/ Heba Ali Abdelrahman, Zoonoses, with the title "Candida Species Infection in Animals and Human", Faculty of Veterinary Medicine, Zagazig University. **9/2017**

2. PhD thesis of vet/ Marwa Magdi Abbas, Zoonoses, with the title "Epidemiological studies on some Clostridium species in poultry and human", Faculty of Veterinary Medicine, Zagazig University. **9/12/2018**

Peer Reviewing of Research Articles

1. "Impact of COVID-19 epidemic on the incidence and mortality of tuberculosis by regions in Taiwan", Pathogens Journal, **7/3/2022**

2. "Virulence determinants in Vibrio parahaemolyticus and the complexity of the regulation system" for Journal of Applied Microbiology, **9/12/2021**

3. "Antibiotic Susceptibility, Biofilm Production and Detection of MecA Gene Among Staphylococcus Aureus Isolates from Different Clinical Specimens" for Diseases, **21/10/2021**

4. "Antimicrobial-resistant Corynebacterium Species Predominate Chronic Non-healing Wounds Among Individuals Presenting with Filarial Lymphedema in Ghana" for Comparative Immunology, Microbiology and Infectious Diseases, **21/9/2021**

5. ToxR modulates biofilm formation in fish pathogen *Vibrio harveyi* for Letters in Applied Microbiology, **16/9/2021**
6. "Comparative occurrence of ESBL/AmpC beta-lactamase producing *E. coli* and *Salmonella* in contract farm and backyard broilers" for Letters in Applied Microbiology, **28/8/2021**
7. Risk Factors of Influenza-Associated Respiratory Illnesses Reported to a Sentinel Hospital of Lahore, Pakistan: 2015-2016 for Canadian Journal of Infectious Diseases and Medical Microbiology, **26/8/2021**
8. "Isolation and Molecular Characterization of Toxigenic *Vibrio Parahaemolyticus* from the Arabian Gulf Coastal Water, Saudi Arabia" for Journal of Environmental and Public Health, **30/5/2021**
9. Isolation and Characterization of Shiga Toxin-Producing *Escherichia coli* from Retail Beef Samples from Eight Provinces in China for Foodborne Pathogens and Disease, **19/2/2021**
10. "Antimicrobial Resistance and Molecular Epidemiology of *Staphylococcus Aureus* Obtained from Food-producing Animals in Sichuan Province, China" for BMC Veterinary Research, **22/1/2021**
11. "Escherichia Coli O157:H7 Cluster Associated with Deer Harvested at a Single Wildlife Hunting Area — Oregon, 2017" for Foodborne Pathogens and Disease, **4/1/2021**
12. "Antimicrobial effect of *Moringa oleifera* seed powder against *Vibrio cholerae* in the rearing water of shrimp (*Penaeus vannamei*) postlarvae", Veterinary Medicine and Science, **7/01/2020**.
13. "Phenotypic and Genetic Variation of *Vibrio Parahaemolyticus* Strains Carrying PirA/B Genes from the Northern Mexican Pacific", Aquaculture, **24/12/2020**.
14. "Prevalence, Virulence-gene Profiles, Antimicrobial Resistance, and Genetic Diversity of Human Pathogenic *Aeromonas Spp.* from Shellfish and Aquatic Environments" , Environmental Pollution, **22/11/2020**.

15. "Awareness of Foodborne Pathogens Among Students: A Cross-sectional Study", *Foodborne Pathogens and Disease*, **10/9/2020**.
16. "Biofilm Formation and its Correlation with Antimicrobial Resistance in *Klebsiella Pneumoniae*" , *Zagazig Veterinary Journal*, **29/8/2020**.
17. "Antibiotic Resistance and Random Amplified Polymorphic DNA Profiles of *Klebsiella* Species Isolated from Diarrheal and Environmental Samples: A Prospective Observational Study", *Letters in Applied Microbiology*, **20/8/2020**
18. "Real-time PCR Versus MALDI-TOF MS and Culture-Based Techniques for Diagnosis of Bloodstream and Pyogenic Infections in Humans and Animals" , *Journal of Applied Microbiology*, **10/8/2020**.
19. "Increased Faecal *Klebsiella Variicola*, *Escherichia Coli*, and *Collinsella Aerofaciens* Accompanied By Elevated Presence of *BlaCTX-M* After Travel to a Developing Country" , *Journal of Applied Microbiology*, **30/7/2020**
20. "Characterization of potential pathogenicity and antibiotics resistance for an environmental *Vibrio parahaemolyticus* strain D3112 isolated from seawater sample", *Transactions of Tianjin University*, **13/3/2019**.
21. "Prevalence and genetic diversity of *Vibrio parahaemolyticus* strains from salmon in Chinese markets", *FEMS Microbiology Letters*, **30/4/2019**.
22. Occurrence of multidrug-resistant methicillin-resistant *Staphylococcus aureus* among healthy farm animals: a public health concern, *International Journal of Veterinary Science and Medicine*, **13/10/2019**
23. "Microbiological Risk Assessment of Wholesome Foods Stored in Domestic Refrigerators", *Journal of Applied Microbiology*, **9/9/2019**
24. "Changes of antibiotic resistance phenotype in outbreak linked *Salmonella enterica* strains after exposure to human simulated gastrointestinal conditions in chicken meat", *Letters in Applied Microbiology*, **3/5/2018**.
25. "Reverse transcription loop-mediated isothermal amplification assay for rapid detection of *Listeria monocytogenes* in meat", *Journal of Food safety*, **6/7/2018**.

26. “Effect of low doses of disinfectants on the biofilm-forming ability of *Listeria monocytogenes*”, *Foodborne Pathogens and Disease*, **23/6/2018**.
27. “Survival of human pathogens in fresh-cut vegetables”, *Journal of Food safety*, **16/12/2018**.
28. “Effect of rosemary extract and lactic acid on quality and biogenic amine contents of aerobically refrigerated broiler fillets”, *Journal of Food safety*, **1/9/2017**.
29. “The effect of continuous passaging of *Trypanosoma brucei* on the survival time of laboratory animals” *International Journal of Veterinary Science and Medicine*, **11/10/2016**.

Peer Reviewing for Promotion Committee

1. Reviewing the research article of Dr. Mona Kadri for the position of Assistant Professor of Zoonoses, Faculty of Veterinary Medicine, Cairo University, March 2021.

- Dog as Potential Source of *Helicobacter pylori* in Egypt: Public Health Significance, *World Vet J*, 10(3):446-450.
- Molecular characterization of ESBL and carbapenemase-producing *Salmonella* Spp. isolated from chicken and its public health importance, *Pakistan J. Zool.*, 2021, 52: 1-6.
- Use of quorum sensing gene *SdiA* as a molecular marker for salmonella diagnosis, *Advances in Animal and Veterinary sciences*, 2021, 9(1): 15-20
- Occurrence of *Salmonella* infection and antimicrobial susceptibility for local *Salmonella* isolates from different sources in a cross-sectional study, *Italian Journal of Food Safety* 8:8525

- The Occurrence of *Clostridium difficile* in Different Animal Species in Egypt, International Journal of Veterinary Science, 2019 8(3): 138-142
- Molecular diversity of the *invA* gene obtained from human and egg samples, Veterinary World, 2019, 12(7): 1033-1038.
- Evidence of colistin resistance genes (*mcr-1* and *mcr 2*) in wild birds and its public health implication in Egypt, Antimicrobial Resistance and Infection Control, (2019) 8:197.
- Epidemiological Studies of *Aeromonas hydrophila* and its Public Health Importance, International Journal of Microbiological Research, 9 (3): 109-112.

SKILLS:

- 1- The improvement and utilization of DNA collection for molecular diagnosis from the new paper based system (FTA cards) compared to other DNA extraction systems.
- 2- Optimization and performance of different PCR reactions including, conventional, multiplex, nested and quantitative real time PCR.
- 3- Cloning of amplicons using plasmid vectors and genetically modified *Escherichia coli* cells.
- 4- Bio-informatic analysis of DNA sequences using different program software.
- 5- The use of ArcView 3.x and ArcGIS software for mapping epidemiological data using geographic information system (GIS).
- 6- The culture and propagation of insect stage and stablitate trypanosomes.

- 7- Rearing, infection and dissection of laboratory colonies of tsetse flies.
- 8- Home office license holder under the Animals (Scientific Procedures) Act 1986 for infecting and dissection of laboratory animals.
- 9- Design and implementation of a field work in Uganda. This was during the stamp out sleeping sickness project sponsored by WHO Seva Sante company, Edinburgh University, United Kingdom and Macarary University, Uganda (2006-2009). The aim of the campaign was to decrease sleeping sickness cases in newly infected foci by treatment of 85% of the cattle reservoir.
- 10- Using Minitab 15, R, GraphPad, SPSS, and WinEpi packages for statistical data analysis.
- 11- Isolation and identification of bacteria using biochemical and serological testing.
- 12- Qualified in using computer programs (Excel, Word, PowerPoint and Photoshop) - ICDL License.

TRAINING COURSES ATTENDED

- 1- “Interdisciplinary Excellence: Education design”: Training program for faculty leaders to develop competencies for incorporating interdisciplinary research, teaching, and learning models in their universities (July to October, 2021. Ministry of Higher Education, Egyptian Knowledge Bank and Knowledge E cooperation.
- 2- Training course on “Prezi Presentations for Scientific Researches”, Training and Continuing Education Unit, Zagazig University, **7/2/2019**.
- 3- Training course on “Photoshop and Scientific Image Enhancement”, Training and Continuing Education Unit, Zagazig University, **16/4/2018**.
- 4- Certified International Professional Trainer, Cairo University, 17-24 **March, 2018**.

- 5- Training course on “Thesis Discussion and Articles Review: Core Skills and Concepts”, Training and Continuing Education Unit, Zagazig University, **27/3/2018**.
- 6- Training course on “Ethical Consideration For Animal Care and Use in Scientific Research and Education”, Zagazig University, **30-31/1/2018**.
- 7- Statistical Analysis of Scientific Data, Training Unit, Quality Assurance Unit, Faculty of Veterinary Medicine, Zagazig University, **17-18/12/2017**.
- 8- Introduction to Bioinformatics (Pan African Bioinformatics Network for H3Africa), **9/5-4/8/2017**.
- 9- Online course on “Proposal Writing and Research Writing”-AuthorAid-8 weeks (**18 April-12 June, 2017**). Stanford University.
- 10- Educational Programs and Courses Specifications and Evaluation of Learning Outcomes (National Authority for Quality Assurance and Accreditation of Education, **28-30/7/2015**).
- 11- DAAD Cairo Module on “International Publishing”, **15 June 2015**.
- 12- DAAD Cairo Module on “Project Management”, **17 March 2015**.
- 13- Faculty and leadership development project courses:
 - Critical Appraisal (28-29/8/2018).
 - Scientific Writing and Reference Management using Endnote (26-27/9/2017)
 - Basics of Bioinformatics (8-9/8/2017).
 - Exam systems and Student Evaluation (18-19/8/2015)
 - Statistical analysis using SPSS (31/1-1/2/2017)
 - Credit hours system (14-16/8/2010)
 - Time management (17-19/8/2010)
 - Conference organization (21-23/8/2010)
 - Strategic planning (24-26/8/2010)
 - Ethics (28-30/8/2010)
 - Examination system and student assessment (4-6/9/2010)

- Conference organization (10-12/11/2009)
 - How to compete for a research fund (14-16/11/2009)
 - Scientific research ethics (21-23/11/2009)
 - Time management (8-10/12/2009)
 - University's financial and legal aspects (15-17/12/2009)
 - Using technology in education (22-24/12/2009)
- 14- Course in computer and its applications, Faculty of Science, Zagazig University (10/6/2000-31/8/2000).
- 15- Course of Curriculum and Teaching Methods, Faculty of Education, Zagazig University (2-21/9/2000).
- 16- Course in English as a foreign Language (TOEFL- Local), Faculty of Literature, Zagazig University (7/7/2001-14/8/2001).
- 17- Courses in the International Computer Driving License (ICDL), Faculty of Engineering, Cairo University, Egypt (30/6/2005).
- 18- Course in English as a foreign Language (TOEFL- International), Amid-East Institute, Giza, Egypt (2005).
- 19- Attended and completed accredited training for a personal license including module one, two and three (rodents and rabbits) as a pre-requirement to obtain personal license under the Animals act 1986 from Home office, United Kingdom (30/3/2007).
- 20- Real-time qPCR Biostatistics and Gene Expression Profiling. National e-Science centre. Edinburgh, 9th and 10th of June 2008.
- 21- Attended and completed online course on “Applied epidemiology, surveillance and risk assessment”; a 20 credit component of the MSc in International Animal Health (April to July 2007).
- 22- Attended and completed Essential Epidemiological Data Analysis course. A nine week online course run by the Prince of Songkla University, Thailand and supported by the TDR. (June to August 2008).
- 23- Attended and completed ESRI training online courses in GIS:

- Module 1: Basics of ArcView, completed in 28/6/2008
- Module 2: Querying data in ArcView, completed in 1/7/2008
- Module 3: Working with tables in ArcView, completed in 5/7/2008
- Module 4: Analyzing spatial relationships using ArcView, completed in 17/7/2008
- Module 5: Presenting information in ArcView, completed in 21/7/2008
- Module 6: Creating your own data in ArcView, completed in 7/8/2008

24- Attended different transferrable skills courses held by the University of Edinburgh including: presentation, word, excel, access (advanced level), Endnote, effective writing courses, epidemiological skills for sample size calculations, biosafety and laboratory practices, correct working procedure for a category two laboratory, training in the correct practice for genetically modified organisms.

WORKSHOPS ATTENDED:

- 1- Workshop on “Strategic Planning in Higher Education Institutes”, Quality Management Unit, Faculty of Veterinary Medicine, Zagazig University, 16 November 2016.
- 2- Workshop on “Statistical Analysis for Questionnaire”, Quality Management Unit, Faculty of Veterinary Medicine, Zagazig University, 18 April 2016.
- 3- Workshop on “Statistical Analysis of Biological Data”, Scientific Research Development Society, Faculty of Veterinary Medicine, Zagazig University, 14 June 2015.
- 4- Workshop on “Viral Diseases and Vaccination Technology”- 3-7 May 2015, Middle Eastern Regional Radioisotope Centre for the Arab Country, Cairo.
- 5- Plagiarism Workshop, University Projects Management Unit, Zagazig University, 20 April 2015
- 6- Workshop of scientific international publication (EndNote basics)- 24/4/2013

- 7- Workshop on proposal writing, Zagazig University (16-18/1/2010).
- 8- Workshop on establishment of a research laboratory proposal writing (14/3/2010).
- 9- Workshop on Accreditation standards, Faculty of Veterinary Medicine, Zagazig University (1/4/2010).
- 10- Workshop of E-learning in higher education, during the Egyptian American Scholar 35th Annual conference, Supreme council of Universities, Cairo (27-29/12/2008).
- 11- QPCR, a one day workshop run by Fischer Scientific (28th Nov. 2007).
- 12- QPCR training, a one day workshop by Qiagen (20th of May, 2009).

SYMPOSIA:

- 1- The 1st Annual Scientific Forum of Faculty and Leadership Development Center, Zagazig University, **27/6/2019**.
- 2- The 1st Symposium of Forensic Medicine and Toxicology Department “Diagnostic Toxicology: Tools and Markers”, Faculty of Veterinary Medicine, Zagazig University, **10/12/2018**.
- 3- The 8th International Toxicology Symposium in Africa”, which was held in Egypt, Zagazig University, **29-31 August 2016**.
- 4- Attended a symposium organized by the Royal college of physicians of Edinburgh “Infectious diseases: Problems and Challenges” (18/6/2008).
- 5- “Managing avian influenza in the animal reservoir, challenges and opportunities” by Ilaria Capua, at the Centre of infectious diseases, Edinburgh University, United Kingdom (21/5/2008).
- 6- “From SARS to avian Flu”, by Prof Zhong Nanshan, at the Centre of infectious diseases, Edinburgh University, United Kingdom (7/7/2008).

CONFERENCES:

A- National conferences:

- 1- The 5th Conference on Biotechnological Applications and their Relations to Food and Drugs in Botany and Microbiology Sciences, Botany Department, Faculty of Science, Zagazig University in cooperation with the Egyptian Botanical Society, **15-16 April 2015**.
- 2- The 11th National Conference of Biochemistry and Molecular Biology "Diseases' diagnosis and health management"- Ain Shams University, Cairo, 30/3-1/4/2014.
- 3- Conference of Veterinarians recruitment, Faculty of Veterinary Medicine, Zagazig University, 24 March 2010.
- 4- 10th Scientific Veterinary Medical Conference- Faculty of Veterinary Medicine- Zagazig University under the title of "Veterinary Medicine and the Challenges of the Era", 10-13 February 2010 (Luxor, Egypt).

B- International conferences:

- 1- The 5th International Conference of Food Safety on “Food Safety and Human Health”, Faculty of Veterinary Medicine, Damanhour Univeristy, Egypt, **13/10/2018**.
- 2- The 4th International Conference of Food Safety on “Recent Trends and Food Safety”- Faculty of Veterinary Medicine, University of Sadat City, Egypt. **4 November 2017**.
- 3- The 12th International Conference of Environmental Sciences, Under the title of “Principal Sciences and Application for Environment Protection”, Faculty of Science, Zagazig University, **16 July 2017**.
- 4- The International Conference of Pathogenic Microorganisms in Animals and Humans (ICPMAH), Faculty of Veterinary Medicine, Zagazig University, **18-20 December 2016**.
- 5- The 3rd International Conference on “Environmental Hazards and Food Safety”, Damanhour University, Egypt, **10 October 2016**.

- 6- The 7th International Scientific Conference on “Towards Health and Safe Egypt”, Faculty of Veterinary Medicine, Suez Canal University, **26-28/11/2015**.
- 7- The 1st International Conference on Impact of Environmental Hazards on Food Safety. Faculty of Veterinary Medicine- Zagazig University, 20th August, 2014.
- 8- The Egyptian American Scholars 40th annual conference “Scientific Challenges & Emerging technology Transfer in Modern Egypt”, The Arab Academy for Science, Technology & Maritime Transport Alexandria. (28-30, December, 2013).
- 9- The Egyptian American Scholars 35th annual conference “Cooperation among scholars in Egypt and abroad-strategies and a vision for modern education”, Supreme Council of Universities, Cairo. (27-29, December, 2008).
- 10- The World Association for the advancement of Veterinary Parasitology, 22nd International conference, Calgary Telus Convention Centre, Calgary, Alberta, Canada (8-13/8/2009).
- 11- The British Society of Parasitology Spring meeting, Edinburgh (6-8/4/2009).
- 12- The Royal Society of Tropical Medicine and Hygiene annual meeting, Brighton, United Kingdom (17-19/9/2008).
- 13- The British Society for Parasitology spring meeting, Newcastle, United Kingdom. March 30th until April 2nd 2008.
- 14- XI International Congress of Parasitology (ICOPA), Glasgow, United Kingdom (6-11/8/2006).

Awards

- Zagazig University International Publication Awards: for the years:
 - 2016: Two articles
 - 2017: Two articles.
 - 2018: One article.

➤ 2019: Two articles.

MEMBERSHIP:

- 1- American Society for Microbiology (2016 till 2018).
- 2- An executive member of CIQAP project, Faculty of Veterinary medicine, Zagazig University.
- 3- General Secretary of the Alumni Association of the Faculty of Veterinary Medicine, Zagazig University, Approval number 2095/2011
- 4- Board member of the scientific research development association, Faculty of Veterinary Medicine, Zagazig University, Approval number 2472/2011
- 5- Editorial Secretary, Zagazig Veterinary Journal (2015 till now).
- 6- A member of the Egyptian American Scholars (2008 till 2016).
- 7- A member of the World Association for the advancement of Veterinary Parasitology (2009 till 2013).
- 8- A member of the British Society of Parasitology (2006 till 2009).
- 9- A member of the Royal Society of Tropical Medicine and Hygiene (2007 till 2010).

PUBLICATIONS

- 1- **Heba A. Ahmed**, Rasha M. El Bayomi, Rehab I. Hamed, Rasha A. Mohsen, Fatma A. El-Gohary, Ahmed A. Hefny, Eman Elkhawaga and Hala M. N. Tolba (2022): Genetic Relatedness, Antibiotic Resistance, and Effect of Silver Nanoparticle on Biofilm Formation by *Clostridium perfringens* Isolated from Chickens, Pigeons, Camels, and Human Consumers. *Vet. Sci.* 2022, 9, 109.
- 2- **Heba A. Ahmed**, Eman H. S. Ibrahim, Ekram Abdelhaliem, Eman Y. T. Elariny (2022): Biotyping, virulotyping and biofilm formation ability of ESBL-

- Klebsiella pneumoniae isolates from nosocomial infections. Journal of Applied Microbiology, 132, 4555– 4568.
- 3- Ibrahim Elsohaby, Polychronis Kostoulas, Ahmed M. Elsayed, **Heba A. Ahmed**, Mohamed M. El-Diasty, Gamal Wareth, Fatma M. Ghanem, Juan Carlos Arango-Sabogal (2022): Bayesian Evaluation of Three Serological Tests for Diagnosis of Brucella infections in Dromedary Camels Using Latent Class Models. 208 (2022) 105771, Preventive Veterinary Medicine
 - 4- Ibrahim Elsohaby, Jawher I. Alahadeb, Yasser S. Mahmmmod, Marshal M. Mweu, **Heba A. Ahmed**, Mohamed M. El-Diasty, Attia A. Elgedawy, Eman Mahrous and Fatma I. El Hofy (2021): Bayesian Estimation of Diagnostic Accuracy of Three Diagnostic Tests for Bovine Tuberculosis in Egyptian DairyCattle Using Latent Class Models. Vet. Sci. 2021, 8, 246.
 - 5- **Heba A. Ahmed**, Naglaa F.S. Awad , Marwa I. Abd El-Hamid, Asmaa Shaker, Rehab E. Mohamed, Ibrahim Elsohaby (2021): Pet birds as potential reservoirs of virulent and antibiotic resistant zoonotic bacteria. Comparative Immunology, Microbiology and Infectious Diseases 75 (2021) 101606.
 - 6- Ibrahim Elsohaby, **Heba A. Ahmed**, Mohamed M. El-Diasty, Attia A. Elgedawy, Eman Mahrous, Fatma I. El Hofy (2020): Serological and molecular evidence of Mycobacterium bovis in dairy cattle and dairy farm workers under the intensive dairy production system in Egypt. Journal of Applied Microbiology. doi:10.1111/jam.14734.

- 7- Ibrahim Elsohaby, Yasser S. Mahmmmod, Marshal M. Mweu, **Heba A. Ahmed**, Mohamed M. El-Diasty, Attia A. Elgedawy, Eman Mahrous, Fatma I. El Hofy (2020): Accuracy of PCR, mycobacterial culture and interferon- γ assays for detection of *Mycobacterium bovis* in blood and milk samples from Egyptian dairy cows using Bayesian modeling. *Preventive Veterinary Medicine* 181 (2020) 105054
- 8- Mohamed E.M. Mohamed, **Heba A. Ahmed**, Ahmed M. Erfan, Lubna Abdelkarim, Maysa A.I. Awadallah (2019): Endemic Status and Zoonotic Potential of Avian Influenza Viruses in Egypt, 2006-2019. *Advances in Animal and Veterinary Sciences*, 7(s2): 154-162.
- 9- **Heba A. Ahmed**, Asmaa B. M. B. Tahoun, Rasha M. M. Abou Elez, Marwa I. Abd El-Hamid, Samah S. Abd Ellatif (2019): Prevalence of *Yersinia enterocolitica* in milk and dairy products and the effects of storage temperatures on survival and virulence gene expression. *International Dairy Journal*, 94, 16-21.
- 10- Ashraf A. Abd El-Tawab, Ahmed M. Ammar, **Heba A. Ahmed**, and Ahmed A. Hefny (2019): Efflux Pump Inhibitors, Alpha-tocopherol and Aspirin: Role in *C. jejuni* and *C. coli* Fluoroquinolones Resistance. *Microbial Drug Resistance*, 25(2):203-211.
- 11- Hala M.N. Tolba, Rasha M.M. Abou Elez, Ibrahim Elsohaby and **Heba A. Ahmed** (2018): Molecular identification of avian influenza virus subtypes

- H5N1 and H9N2 in birds from farms and live bird markets and in respiratory patients. PeerJ 6:e5473; DOI 10.7717/peerj.5473
- 12- Maysa A.I. Awadallah, **Heba A. Ahmed**, Abdallah M.A. Merwad, Rasha M.M. Abou Elez and Karem M.A. Saleh (2018): Molecular Characterization of *Cronobacter sakazakii* in Egypt, Survival and Thermoresistance at Different Temperatures: A Potential Public Health Risk. Vector-borne and Zoonotic Diseases, 18(2):101-107.
- 13- Ashraf A. Abd El-Tawab, Ahmed M. Ammar, **Heba A. Ahmed**, Fatma I. El Hofy and Ahmed A. Hefny (2018): Letter to the Editor “Fluoroquinolone resistance and *gyrA* mutations in *Campylobacter jejuni* and *Campylobacter coli* isolated from chicken in Egypt”. Journal of Global Antimicrobial Resistance, 13(2018): 22-23.
- 14- **Heba A. Ahmed**, Rasha M. El Bayomi, Mohamed A. Hussein, Mariam H.E. Khedr, Etab M. Abo Remela, Ahmed M.M. El-Ashram (2018): Molecular characterization, antibiotic resistance pattern and biofilm formation of *Vibrio parahaemolyticus* and *V. cholerae* isolated from crustaceans and humans. International Journal of Food Microbiology 274 (2018) 31–37.
- 15- **Heba A. Ahmed**, Rowaida S. Abdelazim, Rasha M.A. Gharieb, Rasha M.M. Abou Elez, Maysa A.I. Awadallah (2018): Prevalence of Antibiotic Resistant *V. parahaemolyticus* and *V. cholerae* in fish and humans with special reference to virulotyping and genotyping of *V. parahaemolyticus*. Slovenian Veterinary Research; 55 (Suppl 20): 251–262.

- 16- **Heba A. Ahmed**, Mohamed E.M. Mohamed, Maha M. Rezk, Rasha M. A. Gharieb, Shehata A. Abdel-Maksoud (2018): *Aeromonas hydrophila* in fish and humans; prevalence, virulotyping and antimicrobial resistance. Slovenian Veterinary Research; 55 (Suppl 20): 113-124.
- 17- Mohamed M. El-Diasty, **Heba A. Ahmed**, Ashraf E. Sayour, Fatma I. El Hofy, Asmaa B.M.B. Tahoun and Saleh M. Shafik (2016): Seroprevalence of *Brucella* spp. in Cattle, Molecular Characterization in Milk, and the Analysis of Associated Risk Factors with Seroprevalence in Humans, Egypt. Vector-borne and Zoonotic Diseases, 16(12):758-764.
- 18- Maysa A. I. Awadallah, **Heba A. Ahmed**, Abdallah M. Merwad and Marwa M. Selim (2016): Occurrence, genotyping, shiga toxin genes and associated risk factors of *E. coli* isolated from dairy farms, handlers and milk consumers. The Veterinary Journal, 217: 83-88.
- 19- **Heba A. Ahmed**, Fatma I. El-Hofy, Saleh M. Shafik, Mahmoud A. Abdelrahman, and Gamilat A. Elsaid (2016): Characterization of Virulence-Associated Genes, Antimicrobial Resistance Genes, and Class 1 Integrons in *Salmonella enterica* serovar Typhimurium Isolates from Chicken Meat and Humans in Egypt. Foodborne Pathogens and Disease, 13(6):281-8.
- 20- Rasha M. El Bayomi, **Heba A. Ahmed**, Maysa A. I. Awadallah, Rasha A. Mohsen, Abeer E. Abd El-Ghafar, and Mahmoud A. Abdelrahman (2016): Occurrence, Virulence Factors, Antimicrobial Resistance, and Genotyping of

- Staphylococcus aureus* Strains Isolated from Chicken Products and Humans. Vector-borne and Zoonotic Diseases, 16 (3): 157-164.
- 21- Asmaa B.M.B. Tahoun , **Heba A. Ahmed**, Rasha M.M. Abou Elez, Attia A. El-Gedawy, Ibrahim Elsohaby, Abeer E. Abd El-Ghafar (2016): Molecular characterisation, genotyping and survival of *Aeromonas hydrophila* isolated from milk, dairy products and humans in Egypt. International Dairy Journal, 63: 52-58.
- 22- **Heba A. Ahmed**, Fatma I. El Hofy, Ahmed M. Ammar, Ashraf A. Abd El Tawab, and Ahmed A. Hefny (2015): ERIC-PCR Genotyping of Some *Campylobacter jejuni* Isolates of Chicken and Human Origin in Egypt. Vector-borne and Zoonotic Diseases, 15 (12): 713-717.
- 23- **Heba A. Ahmed**, Ewan T. MacLeod, Susan, C. Welburn¹ and Kim Picozzi (2015): Development of real time PCR to study experimental mixed infections of *T. congolense savannah* and *T. b. brucei* in *Glossina morsitans morsitans*. PLOS one, 10 (3): e0117147. doi:10.1371/journal.pone.0117147
- 24- **Heba A Ahmed**, Kim Picozzi, Susan C Welburn and Ewan T MacLeod. (2013): A comparative evaluation of PCR- based methods for species- specific determination of African animal trypanosomes in Ugandan cattle. *Parasites and Vectors*, 6:316
- 25- **Heba A Ahmed**, Ewan T MacLeod, Geoff Hide, Susan C Welburn and Kim Picozzi. (2011): The best practice for preparation of samples from

- FTA®cards for diagnosis of blood borne infections using African trypanosomes as a model system. *Parasites and Vectors*, 4: 68
- 26- Reham M. ElBakrey, Mohammed A. El Sisi, Shimaa M.G. Mansour, **Heba H. Ahmed**, Mrigendra Rajput d, Amal A.M. Eid. (2015): Cleavage site stability of Egyptian highly pathogenic avian influenza viruses in backyard chickens during 2009-2011. *Journal of Microbiology, Immunology and Infection*. 48(1):28-35.
- 27- **Heba A. Ahmed**, Mohamed A. Hussein and Ahmed M.M El-Ashram. (2013): Seafood a potential source of some zoonotic bacteria in Zagazig, Egypt, with the molecular detection of *Listeria monocytogenes* virulence genes. *Veterinaria Italiana*, 49 (3): 299-308.
- 28- **Heba, A. Ahmed**; Saleh, M. Shafik; Mahmoud, E. M. Ali, Sanya, T. Elghamry, Alshymaa, A. Ahmed (2014): Molecular detection of *Toxoplasma gondii* DNA in milk and risk factors analysis of seroprevalence in pregnant women at Sharkia, Egypt. *Veterinary World*, (8): 594-600
- 29- Awadallah, M. A. I.; **Ahmed, H. A.**; El-Gedawy, A. A. and Saad, A. M. (2014): Molecular identification of *C. jejuni* and *C. coli* in chicken and humans, at Zagazig, Egypt, with reference to the survival of *C. jejuni* in chicken meat at refrigeration and freezing temperatures. *International Food Research Journal*, 21 (5): 1801-1812
- 30- El-Gedawy, A. A., **Ahmed, H. A.** and Awadallah, M. A. I (2014): Occurrence and molecular characterization of some zoonotic bacteria in bovine

- milk, milking equipments and humans in dairy farms, Sharkia, Egypt. *International Food Research Journal*, 21 (5): 1813-1823
- 31- **Heba A. Ahmed**, Amira F. Ibrahim, Mohamed A. Hussein and Rasha M. El Bayomi (2014): ERIC-PCR Fingerprinting of Some *S. Typhimurium* Isolates from Chicken and Humans with Reference to the Microbiological Quality of Retail Chicken Meat in Dakahlia, Egypt. *Global Veterinaria*, 13 (1): 95-104
- 32- Maysa A. I. Awadallah, **Heba A. Ahmed** and Abdallah M. Merwad (2014): Prevalence of Non- O157 Shiga Toxin-Producing *Escherichia coli* and Enterotoxigenic *Staphylococci* in Ready-to-eat Meat Products, Handlers and Consumers in Cairo, Egypt. *Global Veterinaria*, 12 (5): 692-699
- 33- **Heba A. Ahmed**; Ahmed M. Ammar; Soaad A. Abd El-Wanes and Amira F. Ibrahim (2013): Prevalence of Salmonella and Staph. aureus in poultry and human in contact; with investigating the genetic relationship between some isolates. 40th annual conference of the Association of Egyptian-American Scholars proceeding.
- 34- Magda A. M. Amin, Mohamad N. M. Ali, Maysa A. I. Awadallah, Merwad, A. M. Amin, **Heba A Ahmed**, Rasha M. A. Gharieb, Rasha M. M. Abu-El-ezz, and Rehab E. Mohamad. (2013): Prevalence of *Enterobacteriaceae* in Wild Birds and Humans at Sharkia Province; With Special Reference to the Genetic Relationship between *E. coli* and *Salmonella* Isolates Determined by Protein Profile Analysis. *Journal of American Science*, 2013;9 (4): 173-183

- 35- Badawy, A.I.I; Abouzaid, N.Z. and **Ahmed, H. A** (2012): *Sarcocystis hominis* and Other Sarcocystis Species Infecting Cattle in Sharkia Province, Egypt. *Journal of American Science*, 8 (8): 271- 275.

PRESENTATION

- 1- Ahmed, H. A.; Picozzi, K.; MacLeod, E.; Eisler, M. and Welburn, S. (2009): A real time PCR assay to quantify and estimate mixed infection load of *Glossina* species with *Trypanosoma brucei brucei* and *Trypanosoma congolense* Savannah. Presented as an oral presentation at the World Association for the advancement of Veterinary Parasitology, 22nd International conference, Calgary Telus Convention Centre, Calgary, Alberta, Canada from 08th-13th of August, 2009.
- 2- Ahmed, H. A.; Picozzi, K.; Eisler, M. and Welburn, S. (2009): Material and tools for the molecular diagnosis of African trypanosomes in cattle blood samples. Presented as an oral presentation at the British Society of Parasitology Spring meeting, Edinburgh, United Kingdom, from 6th-8th of April, 2009.
- 3- Ahmed, H. A.; Picozzi, K.; MacLeod, E.; Eisler, M. and Welburn, S. (2009): Real time PCR to estimate infection load of *Glossina* species with *Trypanosoma congolense* Savannah. Presented as a poster at the British Society of Parasitology Spring meeting, Edinburgh, United Kingdom, from 6th-8th of April, 2009.
- 4- Ahmed, H. A.; Picozzi, K.; Eisler, M. and Welburn, S. (2008): Molecular diagnosis of blood borne infectious diseases with African trypanosomiasis as a model. Presented as an oral presentation at the Association of Egyptian-American scholars 35th Annual conference, Cairo, Egypt from 27th-29th of December, 2008.
- 5- Ahmed, H. A.; Picozzi, K.; Wissmann, B.; Selby, R.; Majekodumni, A.; Eisler, M. and Welburn, S. (2008): The effect of a mass treatment programme on the prevalence of trypanosomes, Uganda. Presented as a poster at the Royal

Society of Tropical Medicine and Hygiene annual meeting, Brighton, United Kingdom (17-19/9/2008).

- 6- Ahmed, H. A.; Picozzi, K.; Eisler, M. and Welburn, S. (2008): The effect of mass treatment programme on the prevalence of trypanosomes in new sleeping sickness foci, Uganda. Presented as a poster at the British Society for Parasitology spring meeting, Newcastle, United Kingdom. March 30th until April 2nd 2008.
- 7- Ahmed, H. A.; Picozzi, K.; Eisler, M. and Welburn, S. (2006): Comparison of different sample preparations for trypanosome diagnosis by PCR. Presented as a poster at XI International Congress of Parasitology (ICOPA), Glasgow, United Kingdom (6-11/8/2006).