



Faculty of Vet. Medicine



Assiut University

CURRICULUM VITAE

Prof. Dr. ASMAA A.A. HUSSEIN

A. Personal Information:

Name: Asmaa Abdel-Nasser Ahmed HUSSEIN
Date & place of birth: October 01, 1962. Sohag, Egypt.
Nationality: Egyptian.
Gender: Female.
Marital Status: Married.
Address In Egypt: Dept. of Animal Hygiene & Zoonoses.
Faculty of Vet. Medicine, Assiut University.
Assiut-71526, Egypt OR Molecular Biology Research
Unit (MBRU), Assiut University, Assiut –71526, Egypt.
E-mail addresses: asmaah@yahoo.com & asmaah@aun.edu.eg.

Education:

1968 - 1974: Elementary School, Sohag, Egypt.
1974 - 1977: Middle School, Sohag, Egypt.
1977 - 1980: High School, Sohag, Egypt.
1980 - 1985: Faculty of Vet. Medicine, Assiut University, Egypt.
1988: Teaching Assistant, Dept. of Animal Hygiene & Zoonoses,
Faculty of Vet. Med., Assiut University, Egypt.
1989: Assistant Lecture of Zoonoses, Dept. of Animal Hygiene
& Zoonoses, Faculty of Vet. Med., Assiut University, Egypt
1993: Assistant professor of Zoonoses, Dept. of Animal Hygiene
& Zoonoses, Faculty of Vet. Med., Assiut University, Egypt
1999: Associate Professor of Zoonoses, Dept. of Animal Hygiene
& Zoonoses, Faculty of Vet. Med., Assiut University, Egypt
2004: Professor of Zoonoses, Dept. of Animal Hygiene & Zoonoses,
Faculty of Vet. Med., Assiut University, Egypt.

B. Present Position:

☉ Director of the *Molecular Biology Research Unit (MBRU)*. It is one of the special units in Assiut University as well as it is Accredited lab (ISO/IEC 17025).

⊙ Professor of **Zoonoses**, Dept. of Animal Hygiene & Zoonoses, faculty of Vet. Med, **Assiut University**, Assiut, **Egypt**.

⊙ **Head of the Animal Hygiene & Zoonoses Dept.**, Faculty of Vet. Medicine, **Assiut University**, Assiut - **Egypt** (September, 2011 to September 2014).

C. Educational Qualifications & Training:

1. Bachelor degree of Vet. Sciences, May 1985. Faculty of Vet. Med., Assiut University, Egypt.
2. Master degree in Veterinary Science (**Zoonoses**), 1989. Thesis titled: (*Prevalence of Toxoplasma gondii among animals and man in Upper Egypt*).
3. Ph.D. degree in Veterinary Science (**Zoonoses**), 1993. Thesis titled: (*Incidence of Q fever among infected and inapparently infected animals and man in Upper Egypt*). Advisory Committee:
 - *. Prof. Dr. Y.Y. Kamel, Prof. of Zoonoses, Faculty of Vet. Med., Assiut University.
 - *. Prof. Dr. E. K. Nafei, Prof. of Microbiology & Immunology, Faculty of Medicine, Assiut University.
 - *. Prof. Dr. F.A. Ahmed, Prof. of Animal Hygiene, Faculty of vet. Med., Assiut University.
4. Österreichischer Akademischer Austauschdienst (**ÖAD**) fellowship for training & research work on recent methods used for accurate diagnosis of zoonotic diseases in the institute of Bacteriology and Animal Hygiene, Vienna Veterinary Medicine, **Austria** (March to September, 1995).
5. Workshop on **VITEK System** provided by **BioMerieux** Company, on the recent methods used for accurate identification & susceptibility of microorganisms. **Lyon, France** (1997).
6. Workshop on Molecular Biology during the period of 22-26 March 1998, Alexandria Research Center, Alexandria University, **Egypt**.
7. Österreichischer Akademischer Austauschdienst (**ÖAD**) fellowship for research work on new techniques used for accurate diagnosis of Leptospira species by using Random Amplified Polymorphic DNA Fingerprinting (**RAPD System**) in the II Medical University Clinic for Ruminants, University of Veterinary Medicine, **Vienna, Austria** (March, 1999 to April 2000).
8. Fellowship from *Tierärztliche Hochschule Hannover*, for research work on the pulsed field gel electrophoresis (**PFGE**) in the department of food hygiene and microbiology, July - September 2003, **Germany**.

9. Workshop on "*Teaching Methods and Curriculum Development*". AERI Institutional Linkages Project, *MUCIA* Cairo office, 6-9 August, 2005.
10. Training program entitled "*US Veterinary Medicine Faculty Development Program*". Conducted at the OHIO State University, Faculty of Vet. Med., **United States of America** during the period of October 21th to November 20th, 2005.
11. Training Visit on the use of Real Time PCR and some other molecular techniques for the detection of *Avian flu* in the *Clinic for Avian, Reptile and Fish Medicine, Vienna Veterinary Medicine University, Vienna - Austria*, from 28 August to 2 September, 2006.
12. Fellowship funded by the Ministry of Higher Education for research work on "*Campylobacter species in birds as a cause of food borne disease*". Institute of *poultry diseases, Free Berlin University, Germany*, from April to June 2008.
13. Workshop on "**Infection Biology & Aquaculture Techniques**". Fraunhofer Institute for life sciences & German Science Center (DWZ), DAAD Cairo, 29 September 2014 - Egypt.
14. Workshop on "**Synergistic & personalized Medicine**". Fraunhofer Institute for life and Faculty of Pharmacy & Biotechnology, German University in Cairo, 22 January 2015 - Egypt.
15. **Lab. Experiences:**
 - (a) Isolation & identification of pathogenic microorganisms.
 - (b) Precipitation agglutination test.
 - (c) Complement fixation test.
 - (d) Enzyme linked immunosorbent Assay (**ELISA**).
 - (e) Plasmid profile.
 - (f) DNA fingerprinting.
 - (g) Polymerase Chain Reaction (**PCR**) & Real Time (**PCR**).
 - (h) Random Amplified Polymorphic DNA fingerprinting(**RAPD System**).
 - (i) Pulsed field gel electrophoresis (**PFGE**).
 - (j) Western blot assays.
 - (k) DNA Sequencing.
 - (l) DNA Cloning.

D. Professional History & Activities:

- ◆ Teaching the theoretical and practical part of Zoonoses for under-graduate students, Faculty of Veterinary Medicine in Assiut University, Sohag University and South Valley university.

- ◆ Teaching the theoretical and practical part of Zoonoses for postgraduate students for Diploma, Master degree & Ph.D. degree, Faculty of Vet. Medicine, Assiut University and South Valley University.
- ◆ Secretary of the Egyptian Society of Zoonoses.
- ◆ It's my honor that I established and worked in the Molecular Biology Research Center (MBRU), Assiut University during the period from 1995 to 1999, and from 2006 till now as a director of the MBRU.
- ◆ Giving public lectures on the zoonotic diseases, and how to prevent and control these diseases to housewives, farmer and some organizations through the social societies in different provinces in Egypt from 1993 till now.
- ◆ Giving lectures on the importance of zoonotic diseases in scientific workshops and congresses organized by Assiut University and some other universities.
- ◆ Organizing annual workshops and presenting lectures as activities of the Molecular Biology Research Unit.
- ◆ Giving lectures on the importance of international accreditation of laboratories and spreading the culture of international accreditation of laboratories in various scientific forums.

E. Attended Conferences & Seminars:

- The 5th Scientific Conference of the Faculty of Vet. Med., Assiut University, November 1992.
- The 4th Symposium on food pollution, Assiut University, November 1993.
- The 2nd Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, December 1993.
- The 6th Scientific Congress of the Faculty of Vet. Med., Assiut University, November 1994.
- The 1st International Congress on Zoonotic parasitosis, Cairo University, November 1995.
- The 3rd Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, December 1995.
- The 7th Scientific Congress of the Faculty of Vet. Med., Assiut University, November 1996.
- The 37th Sciences week, Damascus, Syria, 1-6 November 1997.
- The 4th Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, December 1997.
- The 8th Scientific Congress of the Faculty of Vet. Med., Assiut University, November 1998.
- The Molecular Biology Symposium on advanced technologies in the detection of pathogenic bacteria and mechanisms of growth. Institute

für Milchhygiene, Milchtechnologie und Lebensmittelwissenschaften. Veterinärmedizinische Universität Wien, Österreich. 19 of March 1999.

- Symposium on the Viral Zoonoses. Institute für Virologie in co-operation with CDC (Centers for Diseases Control and Prevention) Atlanta, U.S.A. In Veterinärmedizinische Universität Wien, Österreich. 3 of May, 1999.
- Die 2. Fortbildungstagung " Der Wiederkäuer und seine Probleme" am 16/17 September 1999 and der Veterinärmedizinische Universität Wien, Österreich.
- Symposium on "PCR- based detection of bacterial pathogens, in Vienna Veterinary Medicine University, Austria, 3 March 2000.
- The 9th Scientific Congress of the Faculty of Vet. Med., Assiut University, November 2000.
- The First Congress on Food hygiene and human health (Towards efficient safe food production). Faculty of Vet. Med., Assiut University, February 2001.
- The 6th Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, November 2001.
- Workshop for biotechnology: Science and Ethics, Assiut University and DAAD (Deutscher Akademischer Austauschdienst) 13 March 2002.
- Seminar on applied techniques in biotechnology: Powerful tools for research and diagnosis. The Italian embassy, Cairo & Molecular Biology Research unit of Assiut University. 17-18 March 2002.
- First International Conference for Development and the Environment in the Arab world. 26-28 March 2002, Assiut University, Assiut, Egypt.
- 11th European Poultry Conference, 6-10 September 2002, Bremen, Germany.
- 10th Scientific Congress of the Faculty of Vet. Med., Assiut University, 17-19 December 2002.
- 26th Arab Veterinary Medical congress, 4-7 October 2003, Cairo-Egypt.
- 2nd International Congress on Food Hygiene and Human Health, Faculty of Veterinary Medicine, Assiut University, 21-23 October, 2003.
- Seventh Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, 7-9 December 2003.
- Second International conference for Development and the Environment in the Arab world. Assiut University, Assiut-Egypt, 23-25 March 2004.
- The Fourth Scientific Conference for Veterinary Medical Researches, Alexandria University, 2-4 October 2004.
- 11th scientific Congress of the Faculty of Vet. Med., Assiut University, December 2004.
- Animal Health and Disease Update In-Service, OHIO State University Extension Veterinary Medicine, Columbus, OHIO, USA, 24 October 2005.

- Dairy Technology Conference, ODA, Reynoldsbury, OHIO, USA, 25 October 2005.
- Eighth Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University, 11-13 December 2005.
- MUCIA Linkage project: "Capacity Building Component". Grand Hyatt Hotel, Cairo - Egypt, 16 October 2006.
- 12th scientific Congress of the Faculty of Vet. Med., Assiut University, Egypt, 10-12 December 2006.
- Seminar für Antivirale Impfstoffe: Wie ist die schnelle Handlungsfähigkeit im Seuchenfall zu erreichen? Berliner Tierärztlich Gesellschaft Berlin-Germany, 16 April 2008.
- The 7th International Symposium on Turkey Diseases, Berlin, 19-21 June 2008, Germany.
- 13th Scientific congress of the Faculty of Vet.Med., Assiut University, Assiut - Egypt, 10-12 November 2008.
- The 3rd Annual International Stem Cell Conference in Egypt, Nile Hilton Hotel, 19-21st November 2009.
- Tenth Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University - Egypt, 13-15 December 2009.
- 4th Annual Scientific Conference of the Egyptian Association of Viral Hepatitis in collaboration with Egyptian Association for the study of Gastrointestinal & Liver Diseases, Faculty of Medicine, Assiut University - Egypt, 19-20 May 2010.
- 14th Scientific congress of the Faculty of Vet. Med., Assiut University, Assiut - Egypt, 30 November -2 December 2010.
- 11th Scientific Congress of the Egyptian Society for Cattle Diseases, Assiut University - Egypt, 5-8 December 2011.
- The Sixth International Conference for Development and Environment in the Arab World, March 24-26, 2012, Assiut - Egypt.
- 9th International Symposium on Turkey Diseases, Berlin, 21st – 23rd June 2012, Germany.
- 15th Scientific congress of the Faculty of Vet. Med., Assiut University, Assiut - Egypt, 25-27 November 2012.
- XX International Congress of Mediterranean Federation of Health & production of Cattle. Assiut University, 19-22 February 2013, Assiut -Egypt.
- The Seventh International Conference for Development & Environment in the Arab World, 23-25 March, 2014, Assiut University, Assiut - Egypt.
- XXI International Congress of Mediterranean Federation of Health & production of Cattle. 23-26 April 2014, Cartagena - Spain.
- 16th Scientific conference of the Faculty of Vet. Med. (Prospective Vision for Upgrading the Quality of Veterinary Education). Assiut University, Assiut - Egypt, 30 November - 2 December 2014.

- Symposium on “Biofuel”. Academy of Scientific Research, 5 January 2016.
- The Eight International Conference for Development & Environment in the Arab World, 22-24 March, 2016, Assiut University, Assiut - Egypt.
- Collaborative Research Potentials Between Faculty Medicine and Other Faculties of Assiut University, 4th of June 2016, Assiut - Egypt.
- 11th “Hafez” International Symposium on Turkey Diseases, Berlin, 26st – 28rd May 2016, Germany.

F. Visited Institute:

- ◎ The "Institute for Bacteriology and Animal Hygiene, Vienna Veterinary Medicine University, **Austria** (1995) for 7 months for training on the new methods used for accurate diagnosis of zoonotic diseases as plasmid profile, DNA fingerprinting and polymerase chain reaction (**PCR**).
- ◎ The **BioMerieux** Company, **Lyon, France** (1997) for 10 days.
- ◎ The II. Medical University Clinic for Ruminants, Vienna Veterinary Medicine University, **Austria** (1999 - 2000) for one year for research work on the new techniques used for accurate diagnosis of *Leptospira* species by using Random Amplified Polymorphic DNA fingerprinting (**RAPD System**).
- ◎ The Veterinary Medical Research Institute, Hungarian Academy of Sciences, **Budapest** (1999) to work on new software for phylogenetic analysis for two days.
- ◎ Zentrum für Lebensmittelwissenschaften, Abt. Für Lebensmittelhygiene und microbiologie. Tierärztliche Hochschule **Hannover**, Juli - September, 2003, **Germany**.
- ◎ Tuskegee University, **Tuskegee - Alabama, USA**, August 2005 for 10 days as a one of the project team (between Assiut and Tuskegee universities) regarding to the synthesis and characterization of useful products from Bagasse.
- ◎ **Veterinary Preventive Medicine, OHIO** State University, **Columbus, USA** October to November 2005.
- ◎ Animal Disease Diagnostic Laboratory (**ADDL**), **OHIO** State, **USA** October 2005.
- ◎ Institute of Food Microbiology, **OHIO** State University, **Columbus, USA**, November 2005.
- ◎ Clinic for Avian, Fish and Reptile, **Vienna Veterinary Medicine University, Vienna - Austria**, August to September, 2006.
- ◎ Vienna Veterinary Medicine University, Institute for Medical Biochemistry, 12-16 Mai 2008.
- ◎ Institute of poultry Diseases, **Free Berlin University, Germany**, from April to June 2008.

- ⊙ Vienna Veterinary Medicine University for signing of an agreement between Vienna Veterinary Medicine, Austria & Assiut University, Egypt. 5-12 July 2009.
- ⊙ Vienna Veterinary Medicine University, Institute for Medical Biochemistry & Institute for Botany & Pharmacognosy, Vienna – Austria, 28 June to 9 July, 2010.
- ⊙ Institute of poultry Diseases, Free Berlin University, Germany, from 9 to 19 September 2011.
- ⊙ Vienna Veterinary Medicine University for renewing of an agreement between Vienna Veterinary Medicine, Austria & Assiut University, Egypt for another 5 years. 1-8 July 2012.
- ⊙ Vienna Veterinary Medicine University, Institute for Medical Biochemistry & Institute for Botany & Pharmacognosy, Vienna – Austria, 3 to 9 September, 2013.
- ⊙ Campus Mare Nostrum, Cartagena, Murcia – Spain, 23-26 April 2014.
- ⊙ Germany University in Cairo (GUC), Faculty of Pharmacy, 30 September 2014.
- ⊙ Germany University in Cairo (GUC), Faculty of Pharmacy, 22 January 2015.
- ⊙ Department of Comparative Pathology, School of Veterinary Medicine, Purdue University, West Lafayette - Indianapolis, USA from 29 March to 7 April, 2015.
- ⊙ Discovery Park, Purdue University, West Lafayette - Indianapolis, USA, 1 April, 2015.
- ⊙ The Animal Disease Diagnostic Laboratory (ADDL), Purdue University, West Lafayette - Indianapolis, USA from 2 April, 2015.
- ⊙ Vienna Veterinary Medicine University for renewing of an agreement between Vienna Veterinary Medicine, Austria & Assiut University, Egypt for another 5 years. 27 – 31, August 2015.
- ⊙ Institute of Virology, Free Berlin University, Germany, from 22 to 24 May, 2016.
- ⊙ Institute of poultry Diseases, Free Berlin University, Germany, from 25 to 27 May, 2016.

G. Awards:

- ❖ Best-presented paper awarded in the field of Animal Hygiene & Zoonoses at the 7th Scientific Congress of the Faculty of Vet. Med., Assiut University, 17-19 November 1996.
- ❖ Best poster awarded in the section “Health” at the 11th European Poultry Conference, 6-10 September 2002, Bremen – Germany.

H. Research Grants:

1. Upgrading of Molecular Biology labs & Technical skills for accreditation (LPI-020-ASS), 1177640 LE. Prof. Dr. Asmaa Hussein (PI), Prof. Dr. Mohamed. S. Youssef (Co-PIs). Program of continuous Improvement & Qualification for Accreditation in HEI (PCIQA), 2009-2011.
2. Phylogenetic mapping of H5N1 avian influenza virus in Upper Egypt (PMAIVP), 1000000 LE. Prof. Dr. Salah Mousa (PI), Prof. Dr. Asmaa Hussein (Management & Technical team). Funded by STDF Program, 2009 till now.
3. Risk Evaluation of Mutations predisposing to Leukemia in Infants of Prenatal Pesticide Exposed Mothers, 100000 LE. Dr. Mona Al-Baz (PI), Prof. Dr. Asmaa Hussein (Management & Technical team). Funded by Faculty of Medicine, Assiut University Program, 2010 till now.
4. Upgrading Knowledge & Skills in Molecular Biology for Post-Graduates, 40,000 \$. Prof. Dr. Mokhtar Taha (PI), Prof. Dr. Asmaa Hussein (following the projects from 2006 till now). Funded by Higher Education Enhancement project Fund (HEEPF), 2005-2006.
5. The synthesis & characterization of useful products from Bagasse (Part II: The uses of Bagasse as animal in animal ration), 20,000 LE, one of the project team (between Assiut, Egypt & Tuskegee universities, USA). Prof. Dr. M. Aglan (PI) from USA Side, Asmaa Hussein (Co-PIs). January - June, 2005.

I. Professional Activities:

1. Evaluation and judgment of the scientific promotion files for associate professor and full professorship. Permanent Scientific Committee for Animal Hygiene, Nutrition & Food Control to promote professors and assistant professors, Supreme Council of Egyptian Universities.
2. Evaluation and judgment of the scientific files for the National Incentive Awards, Academy of Scientific Research, Ministry of Higher Education, Egypt.

3. Evaluation and judgment of the scientific promotion files for associate professor and full professorship for some Arabic universities.
4. Member of Permanent Scientific Committee for Animal Hygiene, Zoonoses & Animal Behavior to promote professors and assistant professors, Supreme Council of Egyptian Universities from April 2013 till now.
5. Member of the National Committee for the Microbiological Science from February 2014 till now.
6. Editorial Board Member of Tuberculosis Research Journal (Scientific Research Publishing), USA,
<http://www.scirp.org/journal/jtr/>

J. Technical Reviewers:

1. Papers for Tuberculosis Research Journal.
2. Papers for Assiut Veterinary Medical Journal.
3. Papers for the following Conferences:
 - a. Scientific Congress of the Faculty of Vet.Med., Assiut University, Assiut – Egypt.
 - b. Scientific Congress of the Egyptian Society for Cattle Diseases, Egypt.
4. Project reviewer for the HEI labs Certification project (HLCP) from 2010 till now.
5. Project reviewer for Establishment of Molecular Biology Labs all over Egypt universities from 2010 till now.
6. Project reviewer for scientific projects submitted from Egyptian Universities.

K. Thesis Discussed & Judged:

1. M.V.Sc., Thesis titled “ The Zoonotic importance of Campylobacter infection in man and animals”. Presented by Amal Eshak Gerges, Faculty of Vet. Med., Assiut University, April 2004.
2. M.V.Sc., Thesis titled “Rehumatic fever in children and environmental pollution”. Presented by Ahmed Wael Abd-Elmougoud El-Sahfie, Faculty of Veterinary Med., Kafr El Sheik University, July 2004.
3. Ph. D. Vet., Thesis titled: "Epidemiological studies on Brucellosis in Animal and Man with special Reference to prevention and control". Presented by Lobna Mohammed Ali Salem, Faculty of Veterinary Medicine, Banha University, January 2006.

4. Ph.D. Vet., Thesis titled: "Advanced epidemiological studies on Toxoplasmosis in animals and Man". Presented by Hassan Ali Mohamed Abdalla, Faculty of Veterinary Medicine, Cairo University. June 2007.
5. M.V.Sc., Thesis titled "studies on *Toxoplasma gondii* of Animal origin in Relation to infertility and Abortion in pregnant Women". Presented by Abeer Mostafa Abdel-Hamid, Faculty of Veterinary Medicine, Cairo University. March 2008.
6. M.V.Sc., Thesis Titled" Epidemiological study on Rift Valley Fever as a zoonotic viral disease transmitted by arthropod and its public health importance". Presented by Hazem Hassan El-Sayed Ramadan, Faculty of Veterinary Medicine, Mansoura University. May 2009.
7. M.V.Sc., Thesis Titled" Methicillin resistant staphylococcus aureus (MRSA) and other bacteria as an emerging zoonotic agents". Presented by Mona Kadry Hussein, Faculty of Veterinary Medicine, Cairo University. March 2012.
8. Ph.D. Vet., Thesis titled: "Role of Raw Milk in Transmission of Tuberculosis to Man ". Presented by Eman Mahrous Abdel Ghanay, Faculty of Veterinary Medicine, Sadat University. October 2014.
9. Ph.D. Vet., Thesis titled: "Risk Assessment of Highly Pathogenic Avian Influenza Virus (H5N1) Infection in Animals and Human Contact". Presented by Ihab Abass Mustafa El Masry, Faculty of Veterinary Medicine, Cairo University. February 2015.
10. M.V.Sc., Thesis Titled" Importance of *Listeria monocytogenes* as Food-borne Infection Transmissible to Man through Food". Presented by Yasmin Yousif Mohamed, Faculty of Veterinary Medicine, Cairo University. September, 2015.
11. M.V.Sc., Thesis Titled" Zoonotic studies on Toxoplasmosis in animals and women". Presented by Norhan Mohamed Adel, Faculty of Veterinary Medicine, Sadat University. June, 2016.
12. Ph.D. Vet., Thesis titled: " Epidemiological Study on Salmonellosis in Cattle, Buffaloes and Man in Assiut Governorate ". Presented by Lamiaa Mohamed Alaa Eldin, Faculty of Veterinary Medicine, Assiut University. July, 2016.

L. Professional Interest:

- ◆ I'm interested in the field of Zoonoses especially the use of modern techniques for diagnosis, prevention and control of Zoonotic diseases.
- ◆ The use of nontraditional methods for identification and detection of pathogens or their products, as enzyme-linked immunosorbent assay

(ELISA), genetic probes like preparation and utilization, nucleic acid hybridization, western blot assay, polymerase chain reaction (PCR) & Real time (PCR), random amplified polymorphic DNA fingerprinting (RAPD System), pulsed field gel electrophoresis (PFGE), DNA sequencing, Gene Cloning.....etc.

M. Language:

1. **Mother tongue:** Arabic.
2. **English:** Very good.
3. **German:** Good.

Address in Egypt:

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Faculty of Vet. Medicine



Assiut University

LIST OF PUBLICATIONS
Prof. Dr. ASMAA A.A. HUSSEIN

1. Mostafa, F.N. Abushahba; **Asmaa, A.A. Hussein**; Mohamed, N. Seleem & Raafat, A. Hassanein (2016): ***Listeria monocytogenes: Overview and Targeting Advances***. Journal of Advanced Veterinary Research, Volume 6, Issue 2: 72-80.
2. Mostafa, F.N. Abushahba; Haroon Mohamed, Shankar Thangamani; **Asmaa, A.A. Hussein** & Mohamed, N. Sleem (2016): Impact of different cell penetrating peptides on the efficacy of antisense therapeutics for targeting intracellular pathogens. Scientific Reports, 6: 20832/ DOI:10.1038, p:1-12
3. O. Amen; S.V. Vemula; Zhao, J; R. Ibrahim; **A. Hussein**; I.K. Hewlett; S. Mousa; & S.K. Mittal (2015): **Identification and Chracterization of a Highly Pathogenic H5N1 Avian Influenza a Virus During An Outbreak in Vaccinated Chickens in Egypt**. Virus Research 210, P: 337-343.
4. Raafat, Hassanein; Sohaila, F.H. Elhawary; K. Ibrahim Elsayh & **Asmaa A.A. Hussein** (2015): **A Cohort Study on Shiga Toxin Producing E. Coli O157: H7 Isolated from Some Meat Products in Assiut Governorate as a Cause of Bloody Diarrhea in Children**. Assiut Vet. Med. J. Vol. 61, No. 147, P: 1-7.
5. **Asmaa, A.A. Hussein**; Ahmed, A.F.; Hassanein, A.M.R. & Hassan, G. Asmaa (2014): **Campylobacteriosis Among School Children as one of Zoonotic Food-Borne diseases**. 21th International Congress of Mediterranean Federation of Health and Ruminant Production (Femesprum), 23-25 April 2014, Cartagena – Spain.
6. **Asmaa A.A. Hussein**; Soliman, A. A.; Hassanein, A. R.; Arafa, I. M.& Nageib, R. B. (2014): **Epidemiological Studies on Fascioliasis in Assiut& New Valley Governorates, Egypt**. 21th International Congress of Mediterranean Federation of Health and Ruminant Production (Femesprum), 23-25 April 2014, Cartagena – Spain.

7. Mostafa, F.N. Abushahba; S. Thangamani; H. Mohammad; **Asmaa, A.A. Hussein** & Mohamed, N. Sleem (2014): **Novel antisense therapeutics for treatment of intracellular pathogens.** The 27th annual Phi Zeta Research day, April 12, West Lafayette, IN, USA
8. Mostafa, F.N. Abushahba; H. Mohammed; **Asmaa, A.A. Hussein** & Mohamed, N. Sleem (2014): **Targeting intracellular Listeria pathogen with antisense therapeutics.** Sigma XI, the scientific Research Society, Februrar 12, West Lafayette, IN, USA
9. Hemida, S.K.; M.A. Shaddad; **Asmaa, A.A. Hussein** & Fify, A.G. (2013): **Symptomatical and cytological effects of sugarcane Mosaic virus in some hosts.** Assiut Univ. J. of Botany 42 (1), P:13-33.
10. Mohamed, A.A.; **Asmaa, A.A.**; Walled, K. M. & Serageldeen, A.S. (2013): **Microbiological & Molecular Studies on E.coli O157:H7 as one of Important Food Borne Diseases.** XX International Congress of Mediterranean Federation of Health & Production of Ruminants. Assiut University, 19-22 February 2013, Assiut – Egypt. Pages: 13-21
11. **Asmaa A.A. Hussein** (2012): **Isolation & Molecular Identification of Campylobacter jejuni and Campylobacter coli from some turkey farms in Germany.** 9th International Symposium on Turkey Diseases, Berlin, 21st – 23rd June 2012, Germany.
12. Hassanein, R.; **Asmaa A.A. Hussein**; Amal S.M. Sayed and Lamiaa M. Ahmed (2012): **Escherichia coli O157: H7 as an emerging foodborne zoonotic pathogen.** J. Egyptian Veterinary Medical Association, 12 (2): 269-283.
13. **Asmaa A.A. Hussein**; Essam -Eldin Othman,R.; Amaly, S.M. Sayed; Rafaat A. Hassanein and Mostafa F. Abushahba (2011): **Occurrence of Listeria monocytogenes in poultry, fish & their products as well as its public health hazard on women.** XVth ISAH Congress, July, 3-7, Vienna-Austria:987-992.
14. **Asmaa A.A. Hussein**; Mohamed A.A Mohamed; Ahamed M. Moharram; Hussein A. Abdel-Kader and Noha H.M. Oraby (2011): **Epidemiological studies on zoonotic deep mycoses between animals and man in Assiut Governorate, Egypt.** XVth ISAH Congress, July, 3-7, Vienna-Austria:1209-1213.

15. Amal S. M. Sayed; Asmaa A.A. Hussein; Mohsen, I. Arafa and Basem R.N. Abdo (2011): **Trichinella spiralis in pigs and man in Upper Egypt**. Indian Vet. J., 88(6):74-75.
16. Amal S.M. Sayed and Asmaa A.A. Hussein (2010): **Surveillance of Methicillin resistant Staphylococcus aureus (MARSA) in raw milk and milk handlers with NUC gene sequencing of the isolated strains**. Assiut Med. J. Vol. 56, No. 127: 1-12.
17. Basem R.N. Abdo; Amal S.M. Sayed; Asmaa A.A. Hussein and Mohsen I. Arafa (2010): **Occurrence of Taenia solium and cysticercosis in man in Egypt**. Veterinary World, Vol. 3 (2): 57-60.
18. Amal S.M. Sayed; Asmaa A.A. Hussein; Mona A. Hassan; Salwa Seif El-Din; Eman Ahmed A.A. and Hanan A. Noaman (2010): **A study on H. pylori and heilmannii in milk, soft cheese and the health hazard on children in Assiut Governorate**. Assiut Vet. Med. J. Vol. 56, No. 126: 14-26.
19. Basem R.N. Abdo; Amal S.M. Sayed; Asmaa A.A. Hussein and Mohsen I. Arafa (2009): **Occurrence of cysticercosis in cattle and buffaloes and Taenia saginata in man in Assiut Governorate, Egypt**. Veterinary World, Vol. 2 (5): 173-176.
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