

Amal Sayed Mohamed Sayed

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Current Position: Assistant Professor of Zoonoses. Dept. of Animal Hygiene and Zoonoses Fac. Of Vet. Medicine. Assiut Univ, Egypt.

Nationality : Egyptian

Date & place of birth : 16-8-1969 Assiut, Egypt.

Gender : female

Field of specialization:

Monitoring and surveillance of zoonotic diseases in animals and man. Studying the role of food of animal origin as a major source of transmitting zoonotic diseases to man. Impact of zoonotic diseases in man.

Languages:

Fluent in English

Japanese: fair

Academic Record:

1- Assistant Professor of Zoonoses (2006) at Dept. of Animal Hygiene and Zoonoses Assiut Univ.

2- Lecturer of Zoonoses (2001) at Dept. of Animal Hygiene and Zoonoses Assiut Univ.

3- Ph.D candidate (1998- 1999) as a part of Channel system Scholarship in Dept. of Vet. Public Health Rakuno-Gakuen Univ. Hokkaido Japan.

4- Assistant lecturer of Zoonoses (1996-1998) at Dept. of Animal Hygiene and Zoonoses . Assiut Univ.

5- Demonstrator (1993-1996) at Dept. of Animal Hygiene and Zoonoses Assiut Univ.

Academic Qualifications:

Ph.D.Thesis. Animal Hygiene Dept. Assiut Univ. 12- 2000

Thesis title: Epidemiological studies on some rickettsioses in man and dogs in Upper Egypt.

The thesis was carried out to investigate Q fever, boutonneuse fever and murine typhus in the collected samples of dogs and humans. Blood samples from dogs and humans were collected at different areas in upper Egypt while the laboratory investigation was carried out at Dept. of Vet. Public Health Rakuno-Gakuen Univ. Hokkaido, Japan. Indirect immunofluorescence assay was carried out to investigate antibodies of the studied rickettsial diseases. Moreover monitoring of genomic DNA of the studied rickettsial diseases in both dogs and human samples using polymerase chain reaction (PCR). BVSc, Assiut Univ. May 1992 Vet. medicine General grade Very good with the whoner Dean.

2-Post graduate courses for Ph.D. for one academic year 1996-1997

<u>Course</u>	<u>Grade</u>
- Zoonoses	Excellent
- Role of arthropods and rodents in transmission of zoonotic diseases.	Excellent
- Prevention of zoonotic diseases.	Excellent

❖ **Post Graduate Studies:**

2-M.V.Sc.(Zoonoses): Animal Hygiene Dept. Assiut Univ. 30-6-1996

Thesis title: Dermatophytosis in man and animals.

The thesis was designed to highlight the role of apparently healthy and infected domestic and pet animals in transmitting dermatophytes to man in Upper Egypt.

3- Post graduate courses for M.V.Sc. for one academic year 1993-1994.

<u>Course</u>	<u>Grade</u>
- Zoonoses	Excellent
- Epidemiology	Excellent
- Zoonoses Control	Very good
- Animal Hygiene	Very good
- Biostatistics	Very good

Academic activities:

- **Supervision of Scientific thesis:**

The following MVSc is being supervised:

- 1- Brucellosis in some farm animals in New Valley Governorate.
- 2-Epidemiological studies on trichinosis and taeniasis in Upper Egypt.

- **Teaching activities:**

1- Undergraduate courses:

Zoonoses courses for the 5th grade students in Faculty of Vet. Medicine in Assiut University and South Valley University

2- Postgraduate courses:

- Prevention and control of zoonoses.
- Zoonotic diseases transmitted from meat and meat products.
- Zoonotic diseases transmitted from Pet animals.

Epidemiology of Zoonotic diseases.

Experiences:

Zoonoses

Animal Hygiene

Animal Behaviour

Lab Experiences:

- Isolation and Identification of pathogenic microorganisms.
- Indirect immunofluorescence assay.
- Enzyme linked immunosorbent assay.
- Precipitation agglutination test.
- Plasmid profile.
- Polymerase chain reaction.
- SDS PAGE.

Scholarships:

- Postdoctoral scholarship at Yamaguchi Univ.Japan, (April 2009- April 2010) funded by Islamic Development Bank.
- Ph.D candidate (1998- 1999) as a part of Channel system
Scholarship in Dept.of Vet.Public Health Rakuno-Gakuen Univ.
Hokkaido Japan.

Affiliations & Membership:

Member of Egyptian Society of Vet. Medicine History.

Member of Egyptian Society of Zoonoses.

Member of Egyptian Society of Cattle Disease.

Community service:

Programme was prepared with the team work of zoonoses to hold seminars and lectures to increase the awareness of public and special provision on zoonotic diseases and how to prevent and control them.

Increase the awareness of housewives about danger of zoonotic diseases that may be transmitted through food and how to control. (Managed through social societies in different provinces in Egypt).

Scientific Conferences:

1-The 4th Scientific Congress of Egyptian Society of Animal Management 25-28 Oct. 2010 Cairo Univ. Cairo, Egypt.

2- The 2nd Young Scientist Seminar 10-11 October 2009 (In the Asian core program (2008-2012) Yamaguchi, Japan.

3- The 9th Scientific Congress of Egyptian Society for Cattle diseases 2-4 Dec. 2007 Assiut Univ. Assiut, Egypt.

4- The 3rd International Conference for development and the environment in the Arab World. 21-23 March 2006 Assiut Univ. Assiut, Egypt.

5- The 4th Scientific conference Faculty of Vet. medicine Beni- Suef Univ. 24-27 Sept. 2005 Beni –Suef , Egypt.

6- The 23rd Annual Conference of Faculty of Medicine 7-10 March 2005. Assiut Univ. Assiut, Egypt.

7- The 11th Scientific Congress of Faculty of Vet. Medicine 1-7 Dec. 2004. Assiut Univ. Assiut , Egypt.

8- The 2nd International Conference for development and the environment in the Arab World. 23-25 March 2004 Assiut Univ. Assiut, Egypt.

- 9- The 1st Scientific Conference of the Veterinary research Division 15-17 Feb. 2004. National Research Center. Egypt.
- 10- The 2nd International Congress of Food Hygiene and Human Health 21-23 Oct. 2003 Assiut Univ. Assiut, Egypt.
- 11- The 10th Scientific Congress of Faculty of Vet. Medicine 17- 19 Dec. 2002. Assiut Univ. Assiut, Egypt.
- 12- The International Conference for development and the environment in the Arab World. 26-28 March 2002 Assiut Univ. Assiut, Egypt.
- 13- The International Congress of Food Hygiene and Human Health Feb.2002 Assiut Univ. Assiut, Egypt.
- 14- The 6th Scientific Congress of Egyptian Society for Cattle diseases 4-6 Nov. 2001 Assiut Univ. Assiut, Egypt.
- 15- The first Congress of Food Hygiene and Human Health 6-8 Feb. 2001 Assiut Univ. Assiut, Egypt.
- 16- The 9th Scientific Congress of Faculty of Vet. Medicine 2000. Assiut Univ. Assiut, Egypt.
- 17- The 5th Scientific Congress of Egyptian Society for Cattle diseases Dec. 1999 Assiut Univ. Assiut, Egypt.
- 18- The 7th Scientific Congress of Faculty of Vet. Medicine Nov. 1996. Assiut Univ. Assiut, Egypt.
- 19- The 3rd Scientific Congress of Egyptian Society for Cattle diseases 3-5 Dec.1995 Assiut Univ. Assiut, Egypt.
- 20- The 6th Scientific Congress of Faculty of Vet. Medicine 20-22 Nov.1994. Assiut Univ. Assiut, Egypt.

Presentations:

- A study on *H.pylori* and *H. heilmannii* in milk ,soft cheese and health hazard on children in Assiut, Upper Egypt.presented at The 2nd Young Scientist Seminar 10-11 October 2009 Yamaguchi,Japan
- Prevalence of some zoonotic enteropathogenic bacteria in ice cream. Scientific paper presented at The 2nd International Congress of Food Hygiene and Human Health Assiut Univ. Assiut Egypt.21-23 october 2003, Assiut. Egypt.
- The existence of *Salmonella* species and *Esherichia coli* O157 in broiler carcasses at local poultry slaughter shops in Assiut Province. Scientific paper presented at The 10th Scientific Congress Fac. Vet. Med. Assiut Univ. 17-19 Dec 2002 .
- Danger of zoonoses and control measures. Lecture to public (community service)
- Consumer ptotection from zoonotic diseases transmitted through poultry and poultry products. Lecture to public (community service)

Training courses:

- Biodiversity of genera and species of fungi which deteriorate food materials with special attention to toxigenic and human, animal and plant pathogenic species (7-11 March 2009). Assiut Mycological center.
- Some application of Bioinformatics in Molecular Biology (12-2-2008) Molecular biology Research Unit of Assiut Univ. Assiut Egypt.
- How to write a project proposal 27-29 October 2007. (Faculty and leadership development project.) Assiut University.
- Teaching with Technology. (Faculty and leadership development project.) Assiut University.18-21 December, 2005 (Faculty and leadership development project.) Assiut University
- New trends in teaching. (Faculty and leadership development project.) Assiut University.8-11 October 2005 (Faculty and leadership development project.) Assiut University.
- Decision making and problem solving. (Faculty and leadership development project.) Assiut University. 30 May to 2 June 2005.
- Managerial skills. 2-5 April 2005 (Faculty and leadership development project.) Assiut University.
- Communication skills. (Faculty and leadership development project.) Assiut University. 19-21 February 2005. (Faculty and leadership development project.) Assiut University.
- Time and stress management. (Faculty and leadership development project.) Assiut University.

- ICDL. Assiut University
- Training course and workshop on cell culture techniques and their application in Molecular biology 15-17 March 2004. Molecular biology Research Unit of Assiut Univ. Assiut Egypt.

Prize awarded:

- 1- Best scientific paper awarded in Zoonoses presented from Faculty of Vet. Medicine, Assiut University (2006).
- 2- Best scientific paper awarded in Zoonoses in tropical regions presented from Association of Arab Universities (2004).

List of Publication:

1- Amal S. M. Sayed, Asmaa, A. Hussein, Mona, A. Hassan, Salwa Seif El Din, E.Ahmed MM, Hanan, A. Noaman (2010): A study on *H. pylori* and *H. heilmannii* in milk, soft cheese and the health hazard on children in Assiut Governorate Assiut Vet. Med. Journal Vol.56. No.126, 14-26.

Amal S. M. Sayed, Asmaa, A. Hussein (2010): Surveillance of methicillin -2 resistant *Staphylococcus aureus* (MRSA) in raw milk and milk handlers with *nuc* gene sequencing of the isolated strain Assiut Vet. Med. Journal Vol.51 No.106, 224-239

3- Hiroto Kato, Abraham G. Ca'ceres, Tatsuyuki Mimori, Yuka Ishimaru, **Amal S. M. Sayed**, Megumi Fujita, Hiroyuki Iwata, Hiroshi Uezato, Lenin N. Velez, Eduardo A. L. Gomez, and Yoshihisa Hashiguchi (2010):

Use of FTA cards for direct Sampling of patients' lesions in the ecological Study of cutaneous leishmaniasis Journal Of Clinical Microbiology, Vol.48- No. 10, 3661-3651.

4- **Amal, S. M. Sayed**; Asmaa A.A. Hussein; Mohsen, I. Arafa , Basem, R. N. Abdo: Epidemiological study on *Trichinella spiralis* in pigs and man in Upper Egypt

The article has been accepted in **July 2010** and will be published in issue of Indian Veterinary Journal June (2011)

5- **Amal S. M. Sayed** , Abdel Moez, A. Ismail and Ebtsam M. Omran (2010): Epidemiological study on brucellosis in animals and man in New Valley Governorate. Assiut Vet. Med. Journal Vol.56. No.126, 1-13

6- Basem, R. N. Abdo, **Amal S.M. Sayed**, Asmaa A.A. Hussein, Mohsen, I. Arafa (2010): Occurrence of *Taenia solium* and Cysticercosis in Man in Egypt. Veterinary World 3(2):57-60

7- Basem, R. N. Abdo, **Amal S.M. Sayed**, Asmaa A.A. Hussein, I. Mohsen, I. Arafa (2009): Occurrence of Cysticercosis in cattle and buffaloes and *Taenia saginata* in man in Assiut Governace of Egypt.

Veterinary World 2(5):173-176

8 - **Amal S. M. Sayed**; Mohamed W. Abd Al Azeem; Hanan, A. Noaman and Mona A. Hasssan (2007): Seroepidemiological study on *Helicobacter pylori* infection in children and adults in Assiut Governorate, Upper Egypt. JASMR 2(2):129-133

9- **Amal S.M. Sayed** (2006): Epidemiological study on Yersiniosis in pediatric acute diarrhea. Assiut Vet. Med. Journal Vol.52. No.111, 251-261

10- **Amal S.M Sayed** and Howayda, I. Hassan (2005): Impact of infection by some bacterial zoonotic pathogens on appendix in man. Assiut Vet. Med. Journal Vol.51. No.106, 224-239.

11- Asmaa, A.A. Hussein; **Amal S.M. Sayed** and Mohamed A. El Feki (2005): Seroepidemiological study on human brucellosis in Assiut Governorate. Egyptian Journal of Immunology Vol.12 (1)49-56

12- Nagla, M. Abdel Hafez.; Tarek, H., El –Metwally and **Amal, S.M. Sayed** (2005): A study on haemolytic uraemic syndrome among hospitalized children with shiga toxin producing *E.coli* O157:H7 infection. Alexandria Journal of Pediatrics. Vol.19 (1) 57-70

13- **Amal, S.M.Sayed** and Nagla M. Abdel Hafez (2005): A study of enterohaemorrhagic *E.coli* O157:H7 associated with diarrhea and hemolytic uremic syndrome in children. Assiut Vet. Med. Journal Vol.51. No.105, 1-15.

14- **Amal,S.M.Sayed** and Amal A. Mohamed (2004): Surveillance of enteropathogenic *Campylobacter* in raw poultry meat and some poultry products in Assiut City. Assiut Vet. Med. Journal Vol.50. No.102, 80-94.

15- Enas El-Prince and **Amal S. M. Sayed** (2004): A survey on the presence of *listeria* species in raw milk, ice cream and human stools with characterization of some isolates by SDS-PAGE. Assiut Vet. Med. Journal Vol.50 No.101, 94-109.

16- **Amal S.M. Sayed** and Mohamed Sayed (2003): Prevalence of some zoonotic enteropathogenic bacteria in ice cream. The 2nd International Congress of Food Hygiene and Human Health Assiut Univ. Assiut Egypt.21-23 October 2003, Assiut, Egypt pp160-165.

17- **Amal S. M. Sayed** and Asmaa A. A. Hussein (2003): Occurrence of *E .coli* O157:H7 in apparently healthy dairy cattle and retail milk. Assiut Vet. Med. Journal Vol.49. No.97, 211-221.

18- Asmaa, A. A. Hussein; **Amal, S. M. Sayed** ; R . S. Ibrahim (2002): The existence of *Salmonella* species and *Esherichia coli* 0157 in broiler carcasses at local poultry slaughter shops in Assiut Province. The 10th Scientific Congress Fac. Vet. Med. Assiut Univ. 17-19 Dec. 2002 pp.165-178.

19 - Amal, S. M. Sayed; Asmaa, A. A. Hussein; A. A. Ismail; S. E. M. Nasr; M. Yasukazu; H. Ueno and C. Morita (2002): Prevalence of *Coxiella burnetii* infection among dogs and Humans in Upper Egypt. Assiut Vet. Med. Journal Vol.47. No.93, 205-216.

20- Enas El-Prince and **Amal, S. M. Sayed** (2002): Prevalence of *Yersinia enterocolitica* in milk of some lactating animals and typing of the obtained isolates by plasmid profile. Assiut Vet. Med. Journal Vol.46. No.92, 54-71.

Books:

Avian flu and human (Scientefic and future vision) published in 2008 (Arabic edition).

References:

Prof. Abdel Moez Ahmed Ismail : Professor of Animal Hygiene and Zoonoses

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Prof. M. Khalil Moustafa Dean of Faculty of Veterinary Medicine

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