

Curriculum Vitae

Prof. Dr. Soumaya El-Sayed Ahmed El-Sayed El-Shafii



Personal data

Name: Soumaya El-Sayed Ahmed El-Sayed El-Shafii

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Date of birth: 13/7/1960

Nationality: Egyptian

Marital status: Married

Qualification:

- Professor of Bacteriology, Immunology and Mycology –Animal Health Research Institute (2009).
- Assistant Professor of Bacteriology, Immunology and Mycology –Animal Health Research Institute (2004).
- Lecturer of Professor of Bacteriology, Immunology and Mycology–Animal Health Research Institute (1999).
- Ph. D. (Bacteriology- Immunology –Mycology) Cairo University (1997).
- M. V. Sc. (Bacteriology- Immunology –Mycology) Zagazig University Banha Branch (1992).
- B. Sc in Veterinary Medicine, Cairo University (1983).

Language:

- Arabic
- English

Master title:

Studies on *pseudomonas* infection in Kaloubia province

Title of Ph. D.:

Protection against enterotoxigenic *Escherichia coli* in calves suckling vaccinated dams: Evidence for F41 adhesins as additive protective antigens

Training courses:

- Training course on "Excel" in animal health researcher institute from 12-22/5/2000

- Training course on "Word 97" in animal health researcher institute from 2-13/12/2000
- Training course on "Application of PCR in diagnosis of infectious disease" in biotechnology research center 13-17/5/2002
- Training course on "Power point" in animal health researcher institute 15-26/5/2004
- Training course on "Application of PCR in diagnosis of infectious disease" in reproduction research institute 12-16/3/2005
- Training course on "Uses of new technology (biotechnology) in diagnosis and of infectious disease in Egyptian buffaloes" in animal health researcher institute 7-18-5/2005
- Training course on " Uses of the new technologies in drug control" 2-13/3/2008

Scientific achievements:

Published Papers:

1. A comparison between the traditional and the molecular methods in the diagnosis of diarrheagenic *Escherichia coli*. SCVMJ, (2010), xv, (1):177184.
2. Molecular diagnosis of shiga toxin (verotoxin)-producing *Escherichia coli* (O157:H7) isolates from Egypt and Japan. J.Egpt. Vet. Med. Assoc. (2009), 69, (4)L73-83.
3. Bacteria causing mortality in newborn foals and abortion in equine with special regard to gram negative bacteria. 28th Arab Vet. Med. Congress of Egypt. Vet. Med. Ass., (2008), 68,(4): 41-55
4. Bacteriological and pathological studies on endometritis in cattle. 28th Arab Vet. Med. Congress of Egypt. Vet. Med. Ass., (2008), 68,(4): 183-206
5. Bacteriological and pathological studies on respiratory disease and mortalities in foals. 28th Arab Vet. Med. Congress of Egypt. Vet. Med. Ass., (2008), 68,(4): 137-161.
6. Bacteriological, mycoplasmal, virological and pathological studies on mortalities in imported cattle. (2008), 21, (2):77-122.
7. Evaluation of some immunological assays in diagnosis of *Rhodococcus equi* infection in foals.28th Arab Vet. Med. Congress of Egypt. Vet. Med. Ass., (2008), 68,(4): 207-220
8. Porin and lipopolysaccharides as immunogenic and diagnostic preparations for *Salmonella Enterica Subsp. Enterica Serovar Dublin* with regards to their effect on fertility in rams. 9th Scientific congress of Egypt. Society for cattle disease Assuit. (2007),335-346.
9. Study on virulence factor genes in *Escherichia coli* isolated from diarrheic calves. Special issue for the 4th scientific conference November, 2006 Suez Canal Vet Med. J., x; (1) 349-360.
10. Antibacterial activity and therapeutic usefulness of bee honey against *Escherichia coli* O157:H7 and *Salmonella typhimurium* infection. Rev. sci.tech.Off.int. Epiz. (2004): 23, (3): 1011-1022
11. Bacteriological study on salmonella abortion in Savaolak sheep special reference to pathological alterations in different organs of aborted foeti and dead lambs. . Egypt. Vet. Med. Ass., (2003),

12. An attempt to Control the major manifestations (abortion and nervous symptoms) attributed to *Listeria monocytogenes* in sheep. Scientific congress of Vetrinary Medical Journal (2002)50, 4A: 639-656.
13. Comparison between different specific media for the isolation and identification of *Mycobacterium species*. 2nd Scientific congress, Beniswef Vet. Med. J., (2001), 11; (2B): 565-577.
14. Mastitis in imported Saanen-Breed goats. J. Egypt. Vet. Med. Ass., (2001), 61; (3): 45-51.
15. Serological relationship between *Brucella abortus* and *Escherichia coli* O157: H7 in cattle serum. 25th Scientific gongress of Egypt. Vet. Med. Ass., (2001), 61, (3): 79-89.
16. Characterization of *pseudomonas* toxins in milk of sheep and goat with mastitis. 25th Scientific gongress of Egypt. Vet. Med. Ass., (2001), 61, (3): 45-51
17. Cytotoxicity of *Staphylococcus aureus* and *Streptococcus agalactiae* on cultures secretory bovine mammary epithelial cells and Verocells in vitro. 9th Scientific congress, (2000), Faculty of Vet. Med., Assuit Univ., Egypt: 601-618

Supervision on Thesis:

- M. V. Sc. On "following on the **enterbacteriaceae** family during broiler and layer industryilization in new mechanical poultry slaughter" Ahmed Ahmed Anter Mostafa (2003).
- M. V. Sc. on "studies on *Rhodococcus equi* spreading in animals" Rania Saleh (2004).
- M.V. Sc. on "Studies on *Borlia Anserina* in fowls" RehabEl Sayed Dawoud (2007)
- Ph. D. on "Prepration and evaluation of **salmonella** vaccine in poultry" Rehab El Sayed Dawoud - Cairo University. (2010)
- Ph. D. on " phenotyping and genotyping analysis of MRD"Multidrug-resistance" **Salmonella species** isolated from different sources.Samah abd El Hameed Sues Canal University.
- Ph. D. on "Molecular identification of **Esherichia coli** in diarrheic calves" Eman Thabet - Sues Canal University
- Ph. D. on "Some studies on **listeriosis** in sheep". Mohamed Abd ElNeem Mansoura University
- Ph. D. on "Studies on horizontal spreading of **salmonella** between human and pigeon". Nagla Fatehy – Cairo University
- M.V.SC. on "studies on *Pseudomonas aerugenosa* of cattle origin with special reference to its pyocin typing and antibiotic interaction". Zeinab Abd Elfatah.(2009)
- Ph. D. on "investigation horizontal spread of **salmonella** between human and pigeon

The cooperation in Theses:

- M.V.Sc. on "Yesinea microorganisms as the causative agents of enteric red mouth disease in delta fishes". Gehan Ibrahim Abd El Latief (2001).
- Ph. D. on "Microbiological studies on campylobacter in calves" Amena Maher Ibrahim (2002).

- Ph. D. on "Mycoplama and bacteriological studies on mastitis of sheep and goats" Mohamed Fawzy Taha (2003).
- PH. D. on "Enterotoxigenic *Escherichia coli* serovars of animal origin and their possible significance to public health" Mai Mohamed Abd EL Monem Kandil (2004).

Teaching activity:

- Lecture on "mycobacterium organism and its diagnosis"
- Lecture on "Principles of PCR and its uses"
- Lecture on "Isolation and identification of aerobic bacteria"
- Lecture on "campylobacter infection"
- Lecture on "sensitivity test for different microorganism"
- Lecture on leptospirosis.

Laboratory Training activity:

Laboratory diagnosis of different bacteria

Application of ELISA technique

Application of agar disc diffusion and MIC for antibiotic sensitivity

Training on ISO 17025 and accreditation.

Scientific literature:

The publication of an article in ElAhran newspaper entitled "uses of living udder tissue culture to treat its diseases. Edition of July 2003.

Applicant
Soumaya El-Shafii