

**Agricultural Research Center
Animal Health Research Institute**

**CURRICULUM VITAE, SCIENTIFIC ACTIVITIES
AND
LIST OF PUBLICATIONS**

Of

Dr. Abeer Ahmed El-Sayed Shehata

Researcher

Bacteriologist

(2013)

Curriculum vitae

▪ PERSONAL DATA

Name: Abeer Ahmed El-Sayed Shehata.
Date of birth: April 2nd, 1978.
Place of birth: Somosta , Beni-Suef, Egypt.
Nationality: Egyptian.
Religion: Moslem.
Marital status: Single
Address: El-Galaa St., Somosta, Beni-Suef, Egypt.
Telephone: +2-0827601579
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E-mail address: beropearl2007@yahoo.com
Date of appointment: July 1st, 2001.

▪ PRESENT OCCUPATION:

Researcher, Bacteriology Department, El-Fayoum, Animal Health
Research Institute, Agricultural Research Center.

▪ **QUALIFICATIONS:**

1. B.V.Sci. September, 2000, Cairo Univ.
2. M.V.Sci. September, 2004, Cairo Univ.
3. Ph.D.Vet. June, 2009, Beni-Suef Univ.

▪ **CARREER:**

1. Veterinarian : July 2001 – September 2005
2. Assistant Researcher: September 2005 – June 2009
3. Researcher: June 2009 till now

▪ **Experience:**

- General field: Bacteriology
- Speciality: Brucellosis

▪ **Topics of Interest:**

1. Brucellosis diagnosis using **fractionated antigens** in different tests such as fluorescent polarization, ELISA and complement fixation tests.
2. Application of **biotechnology** to determine the epidemiological situation of brucellosis in Egypt using VNTRs.
3. Monitoring of **antimicrobial resistance** in bacteria of zoonotic importance.
4. Bacterial **quorum sensing**.

GENERAL VIEW OF SCIENTIFIC ACTIVITY

- **MEMBERSHIP OF SCIENTIFIC SOCIETIES:**
 1. Member of the Egyptian Society for Cattle Diseases (Since 2011).
 2. Member of the Scientific Association of Animal Health Research Institute (Since 2013).
- **PARTICIPATING AS A LECTURER IN:**
 1. National Training Course In The Field of Survey, Monitoring and Control of Brucellosis. **Arab Organization for Agriculture Development - League of Arab States, (AHRI, Egypt, 2012).**
- **PARTICIPATING IN SCIENTIFIC CONGRESSES AND SYMBOSIA:**
 1. The third environment scientific congress "Environmental Pollutions And Its Effect On The Human And Animal Health" (April 28-30th, 2011, Faculty of Veterinary Medicine – Beni-Suef University)
 2. The 11th Scientific Congress: 5 – 8 December 2011 with co-operation of Faculty of Veterinary Medicine Assiut University. Egyptian Society for Cattle Diseases.
 3. Animal Health Research Institute 3rd scientific conference for provincial labs. Cairo – Egypt 8th – 11th October 2012.
 4. The 4th International Conference of Virology. November 14th – 16th, 2012, Kiroseiz Parkland Hotel Sharm El-Sheikh.
 5. The 7th Scientific Conference: Faculty of Veterinary Medicine, Beni-Suef University. Mövenpick Hotel- El Ain El-Sokhna, 24th - 28th of February 2013.
- **ATTENDING TRAINING COURSES AND WORKSHOPS:**

1. Bacteriological and Serological Diagnosis of Brucellosis (AHRI, 2001).
2. Diagnosis of Animal and poultry Diseases Using ELISA Test (AHRI, 2001).
3. Diagnosis of Parasitic Diseases in Farm Animals (El-Fayoum Lab, AHRI, 2002).
4. Modern Technology in Isolation And Identification Of Brucella Microorganisms (AHRI, 2003).
5. Serological examination of bacterial strains before its keeping in strains bank (AHRI, 2009).
6. Pyrogen Test On Biological And Pharmacological Compounds (AHRI, 2009).
7. Application of quality control system in laboratories (ISO 17025) (AHRI, 2009).
8. Awareness using the PCR in laboratory diagnosis (AHRI, 2010).
9. Modern technology using in laboratory diagnosis (Conventional PCR and Real Time PCR) (AHRI, 2010).
10. National Training Course In The Field Of Survey, Monitoring And Control Of Brucellosis Disease. Arab Organization for Agriculture Development - League of Arab States, (Sudan, 2011).
11. Standard Methods For Sampling of Different Field Samples According To The OIE Protocol (AHRI, 2011).
12. How to use ELISA test in the laboratory diagnosis. (AHRI, 2011).
13. Teambuilding for Teamleaders (DAAD Kairo Akademie, February 15th, 2012).
14. Ethics in Science (DAAD Kairo Akademie, March 7th, 2012).
15. Communication and Rhetorical Techniques (DAAD Kairo Akademie, June 19th, 2012).

16. PCR Clinic "Basic Applications and Practices" (**organized by Eppendorf Middle East with Trust Medical – Egypt. at Novotel, 6 October City, Egypt, 2012**).
17. Transboundry Animal Diseases (TAD): Challenges and future prospective” **Organized by Scientific Association of Animal Health Research Institute. 3rd April 2013**.
18. Entrepreneurial Development. (**DAAD Kairo Akademie, 12th - 13th June, 2013**).
19. Tools for self-marketing workshop. **Information Resource Center, U.S. Embassy, Cairo (23-24 June 2013)**.

PARTICIPATING IN THE RESEARCH PROJECTS

1. Antimicrobial Resistance after Antibiotic Usage in Animals: Impact on Human Health, (**Faculty of Veterinary Medicine, Beni-Suef University, 2013**).

SUPERVISION ON THESIS

Participating in supervision on the following thesis:

- 1. Shaza Zein Elabdeen Mohamed (2010 – going on):** Advanced microbiological studies about bacterial causes of respiratory affection in poultry. M. V. Sci. (Bacteriology, Mycology and Immunology Department), Beni-Suef University.
- 2. Samia Ali Ahmed Mostafa (2010 – going on):** Studies on Some Epidemic Bacterial Disease in Baldi chicks in El- Fayoum Governorate. M. V. Sci. (Microbiology Department), Cairo University, Egypt.
- 3. Nady Khairy Hafez (2012 – going on):** Bacteriological Studies on Meat products. M. V. Sci. (Meat Hygiene Department), South Valley University.
- 4. Amani Reda Husein (2012 – going on):** Bacterial pathogens causing proventriculitis in chicken. M. V. Sci. (Bacteriology, Mycology and Immunology Department), Beni-Suef University.
- 5. Enas Ahmed Sayed Mohamed (2012 – going on):** Enteric pathogens in milk and some dairy products with special reference to salmonella. M. V. Sci. Food Hygiene Department, Beni-Suef University.
- 6. Abd El-Rahman Serag El-Deen Sayed Ali (2013 – going on):** Antimicrobial drug residues in cultured fish. M. V. Sci. Food Hygiene Department, South Valley University

PUBLICATION

Scientific Theses

- 1. M.V.Sc**

Title:

- Immunological studies on *Brucella* microorganisms in farm animals in Beni-Suef Governorate.

Specialization

- Bacteriology, Mycology and Immunology.

Approved on:

- September 29th, 2004.

Approved by:

- Department of Bacteriology, Mycology and Immunology, Faculty of Veterinary Medicine, Beni-Suef Branch, Cairo University, Egypt.

2. PH.D. VET.

Title:

Antibodies Profile In Case Of Brucella Infection Or Other Bacteria Causing Cross-Reactivity.

Specialization

- Bacteriology, Mycology and Immunology.

Approved on:

- June 7th, 2009.

Approved by:

- Department of Bacteriology, Mycology and Immunology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.

List of Publications

of

Dr. Abeer A.E. Shehata

1. Ahmed Abd El Wahed, Hanaa Abd El Kader, Andrea Koch, Mohamed El Tholoth, **Abeer Ahmed**, Ayman El-Deep, Sayed Hassan, Soheir Hassan, Mohamed Shalaby, Frank T. Hufert, Manfred Weidmann (2012): A portable Recombinase Polymerase Amplification

Assay for Rapid Detection of Foot and Mouth Disease Virus. 4th
International Conference of Virology, November 14 – 16th, 2012.

2. **Abeer, A.E. Shehata** and Hala, S.H. Salam (2012): Phenotypic Characterization of *E. coli* Isolated from Farm Animals with Diarrhea: Use of Lectin as a Non-Specific Immunostimulant. *Inter. J. Microbiol. Res.*, 3(3):227-237.