



Curriculum vitae



Curriculum Vitae

Ahmed Hussein Abed Moawad

(Ph.D." Microbiology", M.V.Sc." Microbiology", B. V. Sc.).



Bacteriology, Mycology and Immunology Departement, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef (62511), Egypt

Cell/ +2-0114-8824447; Work/ +2 082 2322066 / 117; FAX/+2 082 2327982.

PERSONAL DETAILS:

Name	Ahmed Hussein Abed Moawad
Family name	Abed
Fore name	Ahmed
Date of birth	May 1, 1980
Place of birth	Beni-Suef, Egypt.
Nationality	Egyptian
Religion	Muslim
Marital status	Married, with two Children.
Correspondence address	Bacteriology, Mycology and Immunology Dept., Faculty of Veterinary Medicine, Beni-Seuf Univ, Beni-Suef, Egypt.
Tel. No.	+201148824447
Work:	+2 082 2322066/ 117
FAX:	+2 082 2327982
E-mail	aboabelmasry@yahoo.com , ahmed.moawad@vet.bsu.edu.eg

ACADEMIC DETAILS - HIGHER EDUCATION

(Sep. 2003): Bachelor in Veterinary Medicine (B. V. Sc.)

Institution: Faculty of Veterinary Medicine, Cairo University, Beni-Suef branch.

Consideration: The study extended from Sept.1998 to Sep.2003

General Grade: Very good with **degree of honour**

Score: 78.5%

(16 Oct. 2007): Master of Microbiology and Immunology, College of Veterinary Medicine, Beni-Suef University.

Institution: Faculty of Veterinary Medicine, Beni-Suef University.

Thesis title: "**A contribution towards the bacterial pathogens associated with respiratory problems in broiler chickens**"

Supervised by: Prof. Fawzy R.El-Seedy and Prof. Ismail A. Radwan.

(27 June 2011): Ph.D. of Bacteriology, Mycology and Immunology

Institution: Faculty of Veterinary Medicine, Beni-Suef University.

Thesis title "**Recent and conventional methods for identification of *Mycobacterium bovis* in farm animals**"

Supervised by: Prof. Fawzy R.El-Seedy, Prof. Ismail A. Radwan, Ass prof. Walid H. Hassan and Prof. Dr. Essam A. Nasr.

Work experience – Position

(11 Jan.2004 – 11 Dec.2007):

Demonstrator (instructor) in Bacteriology, Mycology and Immunology department, Faculty of veterinary medicine, Beni-Suef University.

(12 Dec.2007- 26 June 20011)

Assistant lecturer of Bacteriology, Mycology and Immunology, Faculty of veterinary medicine, Beni-Suef University.

(July 2011 till now)

Lecturer of Bacteriology, Mycology and Immunology, Faculty of veterinary medicine, Beni-Suef University.

(Sept. 2011 till May 2012)

Lecturer of Microbiology in the **Faculty of Nursing**, Beni-Suef University.

(Sept. 2011 till Now)

Lecturer of Advanced Microbiology in the **Faculty of Postgraduate Studies for Advanced Sciences**, Beni-Suef University.

Responsibilities:

Teaching:

- Teaching Practical and Diagnostic Bacteriology, Mycology and Immunology to undergraduates.
 - Teaching Practical and Diagnostic Bacteriology, Mycology and Immunology to postgraduates.
 - Teaching Microbiology to 1st year students in the Faculty of Nursing, Beni-Suef University.
 - Teaching Advanced Microbiology to postgraduates in the Faculty of Postgraduate Studies for Advanced Sciences, Beni-Suef University.
 - Teaching and training summer courses of microbiology to undergraduate for 13 years.
 - Design & updating in collaboration with other teaching members in the department for the microbiology courses for under and postgraduates.
 - Supervision on 3 master theses which had been approved by the examining committee.
 - Supervision on 8 master theses and 3 doctoral theses.
-

Research assistance:

- Working in my **master research project** which is about " **A contribution towards the bacterial pathogens associated with respiratory problems in broiler chickens**". Isolation of different bacterial isolates infecting broilers with emphasis mostly to *E. coli* and *P. aeruginosa* detecting their virulence factors and antibiogram.
- Extraction and purification of Lipopolysaccharides (LPSs) from both organisms then analyzed and compared by SDS-Polyacrylamide Gel Electrophoresis (SDS-PAGE).
- In the experimental infection to 21 day old chicken with *E. coli* and *P. aeruginosa* are compared with that of their LPSs which gave the same clinical signs and Postmortem lesions as well as mortalities. Specific hyperimmune sera against inactivated LPSs of *E. coli* and *P. aeruginosa* were prepared, detected and titrated serologically then, gave protection when inoculated with each specific organism.
- Working in my **Ph.D. research project** which is about " **Recent and conventional methods for identification of *Mycobacterium bovis* in farm animals**". Screening of cattle and buffalo farms in different governorates for *M. bovis* by tuberculin test then, Postmortem examination and organ culture from positive reactors. Isolation and identification of mycobacterial isolates.
- Field evaluation of serodiagnosis (ELISA) using unique and **cocktail antigens** specific for *M. bovis* compared to PCR with primers detecting specific insertion sequences for *M. bovis* to detect bovine tuberculosis in cattle and buffaloes in Egypt.
- From the end of my undergraduate studies till now, I worked in the lab in a team-work with my professors and my colleagues in the college in many of their researches for example a research concerned with the role of house rat in the transmission of zoonotic bacteria with emphasis on *Salmonella* to human food.
- Together with my professor, Dr. Ismail Radwan, I worked in his lab in a research concerned with the pathogenesis of *C.perfringens* and how to inhibit its toxin production by using *B. subtilis* culture as a probiotic. We worked both in lab and using a bird model.

Technical and Field Skills:

- Practical microbiology techniques such as bacterial isolation and purification. Morphological identification using different stains such as Gram's, Ziehl Neelsen, Loeffler's MB, Polychrome MB, Leishman's and Giemsa stains as well as special stains (capsular, flagellar and spore). Biochemical and serological tests for identification of bacteria.

- Comprehensive knowledge of evidence-based microbiology practice in intended areas of specialty, including related equipment, techniques, practices and procedures

Molecular techniques

- DNA and RNA manipulation.
- PCR.
- Gel electrophoresis.

Different serological techniques

- ELISA (either using single or cocktail coating antigens).
 - AGPT
 - Slide and tube agglutination tests.
 - CFT
 - Laboratory diagnosis of some infectious diseases as Brucellosis in farm animals.
 - Field and laboratory supervision on poultry flocks in Beni-Suef and El-Fayoum Governorates.
-

Computer skills:

- Passing ICDL from ministry of high education (Windows, word, power point, excel, access, information technology and Internet).
-

Language skills:

- **Arabic:** Fluent of both spoken and written "mother language"
 - **English:** Good command of English. TOEFL score (pBT 503)
-

Conferences and Activities

- Participated in the preparation of Beni-Suef Vet. Med. J. (the faculty journal) in 2006.
 - Participate in Quality Assurance and Accreditation Project (QAAP) in the faculty.
-

Memberships and awards

- Membership in Veterinary medicine Syndicate, Egypt (2003-present).
 - Membership in Beni-Suef School of Veterinary medicine Scientific Association, Beni-Suef, Egypt (2003).
 - Exceptional student award in the Education Day held at Beni-Suef University, Egypt, 2001
-

Training courses

- University teacher preparation course for 12 days at Beni-Suef University (28/11-9/12/2010).
 - Human Development at Beni-Suef University (2008).
 - Active participation in the visit of Prof. Dr. Thomas Craig, professor at the University of Texas , USA, from 11-13/7/2016 Which included workshops on :
 - Scientific writing and publishing.
 - Parasites of Farm Animals.
 - Impact of parasitic diseases for the veterinarian.
 - Anthelmintic resistance : what's old? what's now? what's up?
 - Program and course specification
 - Time arrangement and work pressures at Beni-Suef University (16-18/5/2006)
 - Enhancement of communication skills at Beni-Suef University (27-29/5/2006).
 - Enhancement of thinking skills at Beni-Suef University (24-26/6/2006).
 - Technology application on teaching at Beni-Suef University (3-6/8/2006).
 - Scientific research ethics at Beni-Suef University (12-14/4/2011).
 - Working Ethics of university professions at Beni-Suef University (26-28/4/2011).
 - Competitive Research Projects at Beni-Suef University (7-8/8/2016).
-

- Teaching credit hours System at Beni-Suef University (14-15/8/2016).
 - International Publishing of Research at Beni-Suef University (17-18/8/2016).
 - Time and Meeting arrangement at Beni-Suef University (17-18/8/2016)
 - University Management at Beni-Suef University (21-22/8/2016)
-

Editions

- ❖ Participate, in collaboration with other teaching members in the department, in design and updating the Microbiology courses for under and postgraduates:
 1. Notes on Veterinary Microbiology.
 2. Notes on Bacteriology, Mycology and Immunology.
 3. An introduction to Practical Veterinary Microbiology.
 - ❖ Design the Microbiology and Immunology course for 1st year student in the Faculty of Nursing, Beni-Suef University.
 1. "Notes on Medical Microbiology& Immunology"
-

References

Prof. Dr. /Ismail Abd El- Hafeez Radwan Rahil

Professor and Head of Microbiology Department, Faculty of Veterinary Medicine Beni-Suef University, Egypt.

Phone: +2 082 2322066 / 117

FAX: +2 082 2327982

E-mail: Microbiologist111@yahoo.com

Prof. Dr. /F.R. El-Seedy.

Professor of Microbiology. Faculty of Veterinary Medicine, Beni-Suef University, Egypt.

Phone: +2 082 2322066 / 117

FAX: +2 082 2327982

E-mail: frseedy@bsu.edu.eg

Ass.Prof. / Walid Hamdi Hassan.

Assistant professor of microbiology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.

Phone: +2 082 2322066 / 117

FAX: +2 082 2327982

E-mail: dr_walidh@yahoo.com

Prof. Dr. Essam Amin Nasr

Professor and Head research of Bacterial Diagnostic Products Department (Tuberculosis), Veterinary Serum and Vaccine Research Institute- Abbasia, Cairo

E-mail: essamnassr@yahoo.com

Ass.Prof./ Ahmed Sayed Abel-Moneim.

Professor of virology, Faculty of Veterinary Medicine, Beni-Suef University, Egypt.

Phone: +2 082 2322066

FAX: +2 082 2327982

E-mail: a_s_abdel_moneim@yahoo.com

LIST OF PUBLICATIONS

1. El-Seedy, F. R.; Radwan, I. A.; Hassan, W. H.; Nasr, E. A.; **Abed, A. H.** and Moussa, I. M. I. (2013): The correlation between M. bovis isolation and ELISA using PPD-B and ESAT6-
-

- CFP10 mixture on the sera of tuberculin reactor cattle and buffaloes. J. Food, Agric. Environ., 11(1):489-494. **(Impact factor: 0.3)**.
2. El-Nesr, K. A.; Mahdy, E. A.; Hassan, W. H. and **Abed, A. H.** (2013): Bovine Neurobrucellosis: Pathological and Bacteriological studies. Beni-Suef Vet. Med. J., 22(1):58-63.
 3. Zeinhom, M. M. A.; **Abed, A. H.** and Hashem, K. S. (2013): A contribution towards milk enzymes, somatic cell count and bacterial pathogens associated with subclinical mastitis cows milk. Assiut Vet. Med. J.; 59(138):38-48.
 4. Radwan, I. A.; **Abed, A. H.**; Abeer, M. R.; Ibrahim, M.A. and Abdallah, A. S. (2014): Effect of Thyme, Clove and Cinnamon Essential Oils on Candida albicans and Moulds Isolated from Different Sources. Am. J. Anim. Vet. Sci., 9(4): 303-314. DOI: 10.3844/ajavssp.2014.303-314. **(Impact factor: 0.47)**.
 5. Amer, M. M.; Dahshan, A-H. M.; **Abed, A. H.** and Fahmy, S. S. (2016): Phenotypic and genotypic characterization of *Clostridium perfringens* associated with necrotic enteritis in broiler chickens. J. Vet. Med. Res., 23 (1):50-56. J. homepage: <http://www.bsu.edu.eg/bsujournals/JVMR.aspx>. Online ISSN: 2357-0520. Print ISSN: 2357-0512.
 6. El-Seedy, F. R.; **Abed, A. H.**; Yanni, H. A. and Abd El-Rahman, S. A. A. (2016): Prevalence of Salmonella and E. coli in neonatal diarrheic calves. Beni-Suef Univ. J. of Basic and Appl. Sci., 5:45-51. Available online at www.sciencedirect.com. J. homepage: www.elsevier.com/locate/bjbas.
 7. Osman, K. M.; Ali, M. N.; Radwan, I. A.; ElHofy, F.; **Abed, A. H.**; Orabi, A. and Fawzy, N. M. (2016): Dispersion of the vancomycin resistance genes vanA and vanC of Enterococcus isolated from Nile tilapia on retail sale: A public health hazard. J. Frontiers Microbiol., Volume (7) Article (1354). **(Impact factor: 4.165)**.
 8. Radwan, I. A.; **Abed, A. H.**, Abd Allah, M. M. and Abd El-Latif, M. A. A. (2016): Bacterial pathogens associated with cellulitis in chickens. J. Vet. Med. Res., (accepted for publication).
 9. Radwan, I. A.; **Abed, A. H.**; Abd Al-Wanis, S. A.; Abd El-Aziz, G. G. and El-Shemy. A. (2016): Antibacterial effect of cinnamon and oreganium oils on multidrug resistant Escherichia coli and Salmonellae isolated from broiler chickens. J. Egy. Vet. Med, Ass., 76(2):169-186.
 10. Radwan, I. A.; **Abed, A. H.** and Abd El-Aziz, M. M. (2016): Fungal pathogens associated with respiratory problems in broiler chickens. J. Vet. Med. Res., 23 (1):57-64. Journal homepage: <http://www.bsu.edu.eg/bsujournals/JVMR.aspx>. Online ISSN: 2357-0520. Print ISSN: 2357-0512.
 11. Radwan, I. A.; Shehata, A. A. E.; **Abed, A. H.** and Hosni, A. R. (2016): Bacterial Species Associate Broiler Proventriculitis and their Antimicrobial Resistance. J. Vet. Med. Res., (accepted for publication).

Head of Department

Dean

Y

Prof Dr. Ismail A. Radwan

Prof. Dr Magdy Fathy El-Kady