

السيرة الذاتية  
للاستاذة الدكتورة/ هايدي محمد شوقي ابواليزيد  
استاذ الميكروبيولوجيا  
كلية الطب البيطري  
جامعة القاهرة

**Curriculum vitae  
of**

**Prof. Dr. Heidy Mohamed Shawky  
Professor of Microbiology  
Veterinary Medicine  
Cairo University**

## 1- Personal Data

<b>Surname</b>		<b>Abo El-Yazeed</b>			
<b>First name</b>		<b>Heidy</b>			
<b>Other names</b>		Mohamed Shawky			
<b>Title</b>		Professor			
<b>Gender</b>		Female			
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<b>Date of birth</b>	<b>Day</b>	<b>Mo</b>	<b>Yr</b>	<b>Place of birth</b>	Kasser El Nile -Cairo – A.R.E
	15	12	1964		

## 2- Education

<b>College/University</b>	<b>Degree</b>	<b>Date</b>
Faculty of Veterinary Medicine/Cairo University	PhD Veterinary Medical Science, Microbiology	1998
Faculty of Veterinary Medicine/Banha University	M.V. Sc., Microbiology	1990.
Faculty of Veterinary Medicine/Cairo University	B.V. Sc	1986.

## 3- Employment history

<b>Employer</b>	<b>Position</b>	<b>Dates (from-to)</b>
Dept. of Microbiology/Faculty of Veterinary Medicine/ Zagazik University.	Demonstrator	1987 - 1993
Dept. of Microbiology/Faculty of Veterinary Medicine/Cairo University.	Assistant Lecturer	1994 - 1998
Dept. of Microbiology/Faculty of Veterinary Medicine/Cairo University.	Lecturer	1998-2004
Dept. of Microbiology/Faculty of Veterinary Medicine/Cairo University.	Assistant Professor	2004-2009
Dept. of Microbiology/Faculty of Veterinary Medicine/Cairo University	Professor	2009
Dept. Microbiology Dept, Fac. Vet. Med. Cairo Univ. Giza, Egypt	chairman	2012-2015

#### 4- Publications:

- 1- **Abo El-Yazeed, H.** and Refai, M., (1998): Die Rolle der Keratinase in der Immunitaet und Pathogenaese der Dermatphytose. Proc. of the 32d Scientific Meeting of German Mycological Ass., Frankfurt (Oder), Sept. (1998).
- 2-**Abo EL-Yazeed, H.** and Refai, M., (2000): Evaluation of the immunepotential of polyvalent dermatophyte vaccines and dermatophyte exo-keratinases in a guinea pig model. Proc. Of the Annual International Conference of the Egyptian Society of Women Dermatologists, Cairo, Oct. (2000).
- 3- Elham F. ElKhashab and **Heidy Abo El-Yazeed** (2001): Epidemiology of *Aeromonus hydrophila* infection in ducks transmitted from fish in duck-fish farm. Beni Suef Vet . Med. J. XI(2) :751-764
- 4--El-seedy, FR; **Heidy Abo El-Yazeed** and Hashad, M (2002): Comparison of various serological milk tests for screening of ovine brucellosis. Vet. Med. J. Giza , 48 (2): 265-270.
- 5- El-seedy, FR; Radwan, IA.; **Heidy Abo El-Yazeed** and Hassan WH. (2003): Experimental evaluation of different vaccines against dermatophytosis in guniea pigs and calves. Vet. Med. J. Giza, 51 (1): 83-94.
- 6- Hashad, M.; Nasr, EA; **Heidy Abo El-Yazeed** and Shafik, H. (2002): Evaluation of sensitivity and specificity of bovine gamma interferon in-vitro assay for diagnosis of tuberculosis in buffaloes. Vet. Med. J. Giza, 50 (4): 721-732.
- 7- Manal Mohamed; Jakin El-Jakee; **Heidy Abo El-Yazeed**; Mossa, I.; Zahran, AM; and Soliman R. (2002): Preparation and evaluation of the protective efficacy of *Pseudomonas aeruginosa* irradiated vaccine in chickens. Vet. Med. J. Giza , 50(4): 709-716.
- 8- **Salwa A. Aly and Heidy Abo-Al-Yazeed** (2003): **MICROBIOLOGICAL STUDIES ON CAMEL MILK IN NORTH SINAI, EGYPT.** Journal of Camel Practice and Research 10(2):173-178.
- 9- **Heidy Abo El-Yazeed** and Awad, BS (2003): Evaluation of the protective efficacy of an inactivated dermatophyte vaccine prepared from *M. canis* in dogs. Vet. Med. J. Giza, 52(1) 34-56.
- 10-Refai, M., M. Kotb R., **Heidy abo El-Yazeed**, W. Tawakkol, Al–Arosi and M. El-Hariri(2005): Development of brown colonies and capsule of *Cryptococcus neoformans* on plant extract agar and media containing oils. Mykologie Forum3, 25-27.

- 11-**Heidy, Abo El-Yazeed**; Nashwa, A. Ezzeldeen; Tawakkol, W.; El-Hariri, M; Kotb, M and Refai, M.(2006): Isolation and identification of *Cryptococcus neoformans* from bird droppings, with special reference to newly formulated differential media based on development of brown colonies. J.egypt. Vet. Med. Assoc. 66, No 1: 165-179.
- 12-El-Hariri, M.; **Heidy Abo El-Yazeed**; N. Ezz-Eldin, Tawakkol, W.; kotb, M.; and Refai, M. (2007):Typing of *Cryptococcus neoformans* isolates recovered from droppings of pigeons, parrots and canaries. Vet. Med. J., giza. 55(20):411-423.
- 13-**Heidy Abo El-Yazeed**, Balata, MA and Wassif IM (2007): isolation and identification of mycoplasma species from sheep and goats reared under desert conditions. Vet. Med. J., Giza, 55(2); 389-410.
- 14-El-Jakee, El-Mostafa Barbar; **Heidy Abo El-Yazeed** and Marouf , SA (2008): Bacteriological studies on Mycoplasma infection of bovine genital tract. Vet.Med. j., Giza, 56 (1):123-134.
- 15- **Heidy Abo El-Yazeed**, W.Tawakool, A, Hassan, and Eman Radwan(2008): Characterization of *Candida albicans* strains by molecular biology techniques. Bull. Fac. Pharm. Cairo UNiv, vol 46 (1)121-135.
- 16-**Heidy Abo El-Yazeed** and Mai D. Ebraheem (2009): Studies on *Edwarsiella tarda* infection in Catfish and *Tilapia nilotica* .Accepted in 1/7/2008 for publication in BS. VET. MED. J.
- 17-**Heidy Abo El-Yazeed**, Hassan , AA.; Tawakool,W.; Howayda El-Shafai and M. Refai (2008): Contamination of meat and meat products with *Aspergillus* species and aflatoxins and their control. Egyptian Pharmaceutical Society XXXI Conference of Pharmaceutical Sciences.
- 18-**Heidy Abo El-Yazeed** (2008): Serological Response of Cattle to Vaccination against *Mycoplasma bovis* and *M. bovis genitalium* using a bivalent autogenous bacterin. Accepted in 1/7/2008 for publication in BS. VET. MED. J.
- 19-M. El-Hariri, M. Refai, **Heidy Abo El-Yazeed** and W. Tawakkol (**2010**): Molecular identification and serotyping of *Cryptococcus neoformans* isolates by inter simple sequence repeats (ISSR), Mycoses.
- 20- **Heidy Abo El-Yazeed**, M. Refai,El-Hariri, and W. Tawakkol (**2010**): Molecular identification of *C. albicans*, *Cr. neoformans* and *M. canis* using a universal primer pairs, under publication.
- 21-W. Tawakkol, , M. El-Hariri, M. Refai and **Heidy Abo El-Yazeed** (2010): Phylogeneic and cluster analysis of ISSR banding patterns of *Cryptococcus neoformans*, *Candida albicans* and *Microsporium canis*, under publication.

- 22-**Heidy Abo El-Yazeed**, Atef Hassan, Mahmoud EL-Hariri, Mai Hamed and Mohamed Refai (2010): Studies on *Fusarium* species and fumonisins-producing isolates in horse's feeds in Egypt.
- 23-Kawkab Abdelazez, **Heidy Abo El-Yazeed**, Hosam Kotb, Mona Elshabrawy, Randa Alarousy and Mohamed Refai (2011): The effect of capsular size of *C. neoformans* on pathogenicity and pathological changes in experimentally infected mice. J. American Sci.,7 (11) 233-239.
- 24-Randa Alarousy, **Heidy Abo El-Yazeed**, Hosam Kotb, Khaled Sabry Abdella, and Mohamed Refai (2011): Amplification of capsule-producing genes from *Cryptococcus neoformans* using specific primers. N.Y. Sci. J, 4(11) 38-42.
- 25-Islam M. Wassif, Salah Abdel Kareem, Mohamed A. E. Balata, El Mostafa E. Barbar and **Heidy Abo El-Yazeed (2012)**. The use of PCR for differentiation of *Mycoplasma bovis* and *Mycoplasma agalactiae* isolated from small ruminants. 15 Sci. Cong., Fac. Vet. Med., Assuit Univ., Egypt.
- 26-**Heidy Abo-El Yazeed**, Mohamed Effat, Kaled Abdalla, Magdy Bakery, Randa Alarousy and Engy Farahat (2013): Application of molecular techniques for rapid diagnosis of dermatophytes infection in horses. Global Vet. 10(3) 310-317.
- 27- **Heidy Abo-El Yazeed**, M. El-Hariri, Engy Saleh, Manal A. Afifi, Ahmed Samir and Mohamed Refai (2015): Bacterial Causes of Embryonic Death in Ostrich Egg. International Journal of Research Studies in Biosciences, 3(8):46-52.
- 28-**Heidy M. Shawky**, Nesma M. Kamel, Eman M. Farghaly and Ahmed Samir (2015): Isolation and molecular characterization of *Campylobacter* spp in newly hatched poultry in Egypt. International Journal of Research Studies in Biosciences, 4(5):2087-2091.
- 29-**Heidy Abo El-Yazeed**, Mai, H. Hanafy, R. Soliman and M. Refai (2015): Trials for Reducing Aflatoxin B1 Residues in Chicken Meat and Eggs using a Newly Developed Aflatoxin B1 Vaccine. International Journal of Research Studies in Biosciences, 3(11):6-14.
- 30-Mahmoud El-Hariri, **Heidy Abo El-Yazeed**, Ahmed Samir, Rehab Elhelw and Rafik Soliman (2015): Genetic and phenotypic diversity of naturally isolated wild strains of *Aspergillus niger* with hyper glucose oxidase production. J. BioSci. Biotechnol, 4(3): 245-253.
- 31-Shimaa M.S. Hegazy, Walid Hamdy Hassan, **Heidi M. Shawki** and Wafaa Abd El-Lateef Osman (2015): Study on toxigenic fungi in ruminant feeds under desert conditions with special references to its biological control. Beni-Suef Journal of Basic and Applied Sciences 4(2):167-173.



- 32-Emam A., **Heidy S. Abul-yazid**, Ibtisam M.Mohamed, amir,A and Abdl-El-Hady, H (2016):Occurance of *Klebsiella* spp in poultry:A potential threat affecting public health, Egyptian veterinary medical association,76(1): 89-92.
- 33- El-Hamaky, A.A., Atef A. HASSAN, **Heidy Abo El Yazeed** and M.K.Refai (2016): Prevalence and detection of toxigenic *A. flavus*, *A .niger* and *A. ochraceus* by traditional and molecular biology methods in feeds, International Journal of Current Research, 8(1) :25621-25633.
- 34- Heidy Abo El-Yazeed, Mohamed Effat, Mahmoud El-Hariri, Abdelbary Prince , Randa Alarousy Mostafa. Eraqi, Mai Hanafy and Engy Farahat (2018): Extracellular Protein Profile of *Microsporium Canis* Secreted Proteolytic Enzymes (Exoantigens), World Applied Sciences Journal 33 (12):1975-1980
- 35- **Heidy Abo El-Yazeed**, Amal Nader A., Eman Fathy F. Mahmoud El Hariri, Rehab Elhelw and Rafik Soliman (2018) Molecular characterization of *Clostridium perfringens* isolated from broiler chickens in Egypt Bioscience Research, 15(3):2312-2317.
- 36- N. M. Kamel, E. M. Farghaly, **H. M. Shawky** & A. Samir (2019): Molecular characterisation of extended-spectrum  $\beta$ -lactamase-producing *Escherichia coli* and *Salmonella* isolated from poultry and poultry products in Egypt, Bulgarian Journal of Veterinary Medicine.
- 37- Heidy Abo Al-Yazeed , Amani M. Marwan , Attia, A. M. , A. Samir, Ammar, A. M(2019):** Genetic Characterization of Campylobacter jejuni Isolated from Boiler Flocks, Global Advanced Research Journal of Microbiology. 8(4): pp. 063-071.
- 38- Heidy Abo El-Yazid, Rafik Soliman , Islam M Wasif, Salah Abd El Kariem Selim , Mohamed Balata , Zafar Mahmood and Ahmed Adel Seida (2108):** Protective Efficacy of the Inactivated Adjuvant Vaccines against *Mycoplasma agalactiae* Infection in Goats, international journal of veterinary science , 8(1): 14-19.
- 39- Hassan Aboul-Ella, Rafik, AHamed and **Heidy Abo-Elyazeed (2020):** Recent trends in rapid diagnostic techniques for dermatophytosis, international journal of veterinary science and medicine VOL. 8, NO. 1, 115–123.
- 40-Heidy Abo Elyazeed , Nayera M Al-Atfeehy ,Rasha Abotaleb , Rafik Sayed , Sherif Marouf (2020):**Preparation of ELISA and Lateral Flow Kits for rapid Diagnosis of Mycoplasma gallisepticum in Poultry. Scientific reports.
- 41- **Hassan A. Hassanien, Rafik H. Sayed, Heidy Abo Elyazeed (2021):** Cross-Sectional Study on Dermatological Affections of Companion Animals Caused by Dermatophytes and other Keratinophilic in Greater Cairo Area, Egypt. Advances in Animal and Veterinary Sciences, 9(4)615-622.

**42-Amira Fikry, Abd El-Rady Thabet Ahmed, Ahmed Samir, Heidy Abo El- Yazeed, Khaled F. El-Amry and Heba N. Deif (2021):** Bacteriological and Molecular Comparative Study between *Staphylococcus aureus* Isolated from Animals and Human, Journal of Applied Veterinary Sciences, 6(2): 50 –58.

**43- Hemat Khyralla , Sherif Marouf , Mai H Hanafy , Atef Hussein , Aalaa SA Saad and Heidy Abo-El Yazeed (2021):**Characterization of Lactobacillus species isolated from raw camel milk in relation to its antimicrobial effects, International Journal of Veterinary Science.

#### **Researches under publication:**

- 1- Evaluation of the protective potentials of *C. perfringens* NetB toxin-based vaccine in broiler chickens.
- 2- Immune response of guinea pigs to polyvalent dermatophyte vaccine and elucidation of the role of dermatophyte keratinases in dermatophyosis.

#### **Academic Activities**

- 1- Active participation in the First Regional training course on: *Serodiagnosis of livestock diseases* that was held in department of Microbiology , Cairo University in cooperation with the Institute of Animal Health and Human Health Protection, Berlin-Germany. 1998.
- 2- Active participation in the Training course on: Application of PCR and hybridization for diagnosis of bacterial and viral diseases" that was held at the center of biotechnology, Fac. Vet. Med., Cairo Univ. in the period of 15<sup>th</sup> to 20<sup>th</sup> of January 2000.
- 3- Active participation in the Training course on: Cloning and expression of microbial genes in *E. coli* for production of recombinant vaccines that was held at the center of biotechnology in the period from January 29<sup>th</sup> to February 3<sup>rd</sup> 2000.

#### **Collaboration in Scientific Projects and Activities:**

- 1- Principal Investigator in the Scientific Research project titled:  
Preparation of diagnostic kits against *Cryptococcus neoformans*. This research project started 2005 and funded by the Cairo University.
- 2- Co-principal investigator in the Scientific Research project titled:  
Preparation of monoclonal antibodies against bovine interferon gamma and preparation of Elisa kits for measurement of the interferon gamma. This project is funded by the Academy of Scientific Research, Ministry of higher Education, Egypt.
- 3- Principal Investigator in the Scientific Research project titled:

Preparation of aflatoxin B1 vaccine and evaluation of its protective potential in chicken and cattle the project funded by Cairo university.

- 4- Co-principle investigator in the scientific Research project titled" Production of Glucose oxidase from *Aspergillus niger* by gene cloning the project funded by Cairo university.