

ACADEMIC CURRICULUM VITAE

I. Personal information:

Family name : Refaei
First/Mid name : Omnia Hamdy Muhammad
Gender/Marital Status : Female / Married
Date of birth : 27 / 1 / 1988
Citizenship : Egyptian
Department : Medicine and Infectious Diseases
Organization : Faculty of Veterinary Medicine, Cairo University
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II. Professional Qualifications:

- Ph.D.V.Sc., 2020.** Thesis entitled "**Foot and Mouth Disease Challenges and Solutions**", Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.
- M.V.Sc., 2015.** Thesis entitled "**Role of ticks in the epidemiology of lumpy skin disease**", Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.
- B.V.Sc., 2010.** Faculty of Veterinary Medicine, Cairo University, Giza, Egypt.

III. Academic positions:

- February, 2021** **Lecturer of Infectious Diseases.** Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.
- July, 2015** **Assistant Lecturer of Infectious Diseases.** Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.
- March, 2011** **Demonstrator of Infectious Diseases.** Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.

IV. Scientific publications:

- 1) **Refaei, O. H.**, A. A. Yousif, Y. M. Hegazy, S. M. Soliman, S. A. Salem, and A. A. Fayed, "Epidemiological investigation of foot-and-mouth disease outbreak in a vaccinated Egyptian dairy herd with analysis of associated risk factors", Japanese Journal of Veterinary Research, vol. 68, issue 4, pp. 237-247, 2020.
- 2) Yousif, A. A., **O. H. Refaei**, M. M. Bayoumi, H. A. El-Sheikh, M. A. Elgmal, A. A. Elsayed, and A. A. Fayed, "LSDV100 and LSDV101 lumpy skin disease virus-specific PCR and real-time PCR for rapid diagnosis and vaccine quality control", proceedings of 9th International Virology Congress and Expo, London, UK, 14 March, 2017.

V. Teaching experience:

Courses for Undergraduate Students:

1. Medicine and Infectious Diseases of Sheep and Goats (Course 452).
2. Medicine and Infectious Diseases of Pet Animals (Course 453).
3. Medicine and Infectious Diseases of Camels (Course 502).
4. Medicine and Infectious Diseases of Cattle and Buffaloes (Course 503).
5. Medicine and Infectious Diseases of Equines (Course 551).
6. Veterinary Epidemiology (Course 402).
7. Diseases of Small Animals (Course 16) [Elective].
8. Diseases of Large Animals (Course 20) [Elective].
9. Summer Training courses (Course 459).
10. Summer Training courses (Course 559).

VI. Services to the community:

Participate in 12 veterinary convoys in different Egyptian governorates organized by the Community Service and Environment Sector, Faculty of Veterinary Medicine, Cairo University from 2014 till now.

VII- Training courses, workshops and Conferences:

A. Training courses at Faculty and Leadership Development Center (FLDC), Cairo University:

1. **Critical Thinking**, (from 19-10-2020 to 20-10-2020)
2. **Essentials of Integrated Education**, (from 10-10-2020 to 11-10-2020)
3. **Quality Standards in Teaching**, (from 12-6-2019 to 13-6-2019)
4. **Organizing scientific conferences**, (from 6-2-2019 to 7-2-2019)
5. **International publication of scientific research**, (from 19-12-2018 to 20-12-2018)
6. **Exam systems and evaluation of students**, (from 5-7-2018 to 6-7-2018)
7. **Management of research team**, (from 31-1-2018 to 1-2-2018)
8. **Effective presentation skills**, (from 8-2-2014 to 9-2-2014)
9. **Communication skills**, (from 30-12-2013 to 31-12-2013)
10. **The credit hours systems**, (from 20-4-2013 to 22-4-2013)
11. **Meetings and managing time**, (from 27-8-2012 to 29-8-2012)
12. **Effective teaching skills**, (from 17-4-2012 to 19-4-2012)
13. **Use of technology in teaching**, (from 2-5-2011 to 4-5-2011)

B. Other Training courses:

1. **International Computation Driving License (ICDL)**, Scientific Computation Center, Cairo University, 3rd January 2013.
2. **Biostatistics**, Institute of Statistical Studies and Research, Cairo University, 4th November, 2013.
3. **Measures of Assessment and Evaluation**, Cairo University Center for Quality Assurance of Education, 29th May 2021.
4. **Course Specification**, Cairo University Center for Quality Assurance of Education, 16th March 2021.
5. **Training on Black Board Platform**, Cairo University Center for Quality Assurance of Education, 24th February, 2021.
4. **Assessment and Evaluation systems and Question Bank Preparation**, Cairo University Center for Quality Assurance of Education, 2nd February, 2021.

A. Other Training courses:

1. **3rd International Scientific Conference of Faculty of Veterinary medicine**, Cairo University, from 15th-18th May, Hurghada, 2011.
2. **4th International Conference of Faculty of Veterinary Medicine**, Cairo University, from 25th-28th October, Alexandria, 2014.
3. **5th International Conference of Virology Organized by the Egyptian Society of Virology and FAO**. Egypt, from 9th-12th December, 2014, Hurghada, Serenity Beach, Makadi hotel).

VIII- Areas of Scientific experience and interests:

Field diagnosis of animal infectious diseases.

Laboratory diagnosis of animal infectious diseases using serological technique (ELISA) and molecular techniques (Conventional and Real-Time PCR). Molecular epidemiology and risk assessment of animal infectious diseases.

IX- Computer and language Skills

Computer Skills:

1. Windows
2. Microsoft-WORD
3. Microsoft-Power Point
4. Microsoft-Excel
5. Bioedit software for nucleotide and amino-acid sequences alignment and manipulation
6. MEGA software for nucleotide and amino-acid sequences alignment, manipulation and inferring phylogenetic trees
7. SPSS software for statistical analysis
8. Gel-pro analyzer®v4.

Language Skills:

1. Native language Arabic
2. Very good command of both written and Spoken English, Academic Test of English as a Foreign Language (ATEFL): 563