



Curriculum vitae

Mahmoud Sayed Mohamed Safwat (BVSc, MVSc, PhD VSc)

Department of medicine and Infectious diseases (Infectious diseases speciality), Faculty of
Veterinary Medicine, Cairo University



I. Personal information

1. Nationality: Egyptian.
2. Date of birth: 2nd May 1990
3. Home address: 1705 Paradise Compound, October Gardens, Giza, Egypt.
4. Telephone number: 020199257092
5. Military status: performed (December 2011-March 2013).
6. Email address: safwatinfectious@yahoo.com

II. Language

1. Arabic is the mother language.
2. English: 2015, November, I attended and passed the Academic Test Of English As A Foreign Language (ATEFL) with a score of 553, The Center for Foreign Languages and Professional Translation, Cairo University.

III. Educational history

1. 2021, January: **PhD degree** of Veterinary Science, Infectious Diseases speciality, Faculty of Veterinary Medicine, Cairo University.

Under supervision of

-Professor Doctor Rabie Ibrahim Etman, Professor of Infectious Diseases, Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University and

-Doctor Mohamed Hassan Khodeir: Chief Researcher, Department of Pet Animal Vaccines Research, Veterinary Serum and Vaccines Research Institute, Abbasia, Cairo

Under the title of

“Epidemiological Studies on Canine Parvovirus Enteritis in Dogs”

2. 2016, January: **Master degree** of Veterinary Science, Infectious Diseases speciality, Faculty of Veterinary Medicine, Cairo University.

Under supervision of

-Professor Doctor Rabie Ibrahim Etman, Professor of Infectious Diseases, Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.

-Professor Doctor Amr Abd El-Aziz, Professor of Infectious Diseases, Department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University and

-Doctor Mohamed Hassan Khodeir: Chief Researcher, Department of Pet Animal Vaccines Research, Veterinary Serum and Vaccines Research Institute, Abbasia, Cairo

Under the title of

“Epidemiological Studies on Peste Des Petits Ruminants”

3. 2011, May: **Bachelor degree** of Veterinary Science (very good).

IV. Training courses

1. 2021, February : I attended and met the standards required for completion of a training course in “ **Student’s Evaluation and Examination Systems**”, Faculty and Leadership Development Center (FLDC), Cairo University.
2. 2020, December : I attended and met the standards required for completion of a training course in “ **Fundamentals of Blended Learning**”, Faculty and Leadership Development Center (FLDC), Cairo University.
3. 2020, August : I attended and met the standards required for completion of a training course in “ **Egyptian knowledge Bank (EKB) and Searching for Sources**”, Faculty and Leadership Development Center (FLDC), Cairo University.

4. 2019, December: I attended and met the standards required for completion of a training course in "**Statistical Analysis in Biological Experiments**", Faculty and Leadership Development Center (FLDC), Cairo University.
5. 2019, November : I attended and met the standards required for completion of a training course in "**Critical Thinking**", Faculty and Leadership Development Center (FLDC), Cairo University.
6. 2018, November : I attended and met the standards required for completion of a training course in "**Fundamentals of clinical trials**", Faculty and Leadership Development Center (FLDC), Cairo University.
7. 2015, December : I attended and met the standards required for completion of a training course in "**International publishing of Scientific Research**", Faculty and Leadership Development Center (FLDC), Cairo University.
8. 2015, October : I attended and met the standards required for completion of a training course in "**Biostatistics and statistical analysis of data**", Training and Development Unit, Faculty of Veterinary Medicine, Cairo University.
9. 2015, May : I attended a workshop entitled "**Fundamentals of statistics and SPSS**", Institute of Statistical Studies and Research, Cairo University.
10. 2015, April : I attended and met the standards required for completion of a training course in "**E-Leaning**", Faculty and Leadership Development Center (FLDC), Cairo University.
11. 2014, October : I attended and met the standards required for completion of a training course in "**Research Ethics**", Faculty and Leadership Development Center (FLDC), Cairo University.
12. 2014, June : I attended and met the standards required for completion of a training course in "**competing For Research Funds**", Faculty and Leadership Development Center (FLDC), Cairo University.
13. 2014, April : I attended and met the standards required for completion of a training course in "**Quality standards in Teaching**", Faculty and Leadership Development Center (FLDC), Cairo University.
14. 2013, December : I attended and met the standards required for completion of a training course in "**Use of Technology in Teaching**", Faculty and Leadership Development Center (FLDC), Cairo University.

V. Academic Positions

1. March 2021-present: **Lecturer** of Veterinary Epidemiology and Infectious Diseases, Department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University.
2. April 2016-February 2021: **Assistant Lecturer** of Veterinary Epidemiology and Infectious Diseases, Department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University.
3. March 2013-March 2016: **Demonstrator** of Veterinary Epidemiology and Infectious Diseases, Department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University.

VI. Field Veterinary Medical Career

1. A field Veterinarian at **several pet animals clinics, canine breeding kennels and pet shops** with the following job description (designing vaccination, deworming and defleaing programs, solving medical issues, investigate and control infectious diseases outbreaks and performing soft tissue surgeries, such as spaying, castration, eye extirpation, Gastrotomy, enterotomy, Caesarean section, mastectomy and cherry eye).
 - A. 2016- present: Fidge Veterinary Clinic and The Pet Shop (pet animal clinic and pet shop), 6th October city, Giza, Egypt.
 - B. 2017 Pet Zoology (pet shop), Al Maadi, Cairo, Egypt.
 - C. 2017 : Madinaty pet's resort (pet animal clinic and canine breeding kennel), Madinaty, Cairo, Egypt.
 - D. 2016-2017: Al Mokattam Pet animal center (pet animal clinic), Al Mokattam, Cairo, Egypt.
2. A field Veterinarian at a **Fattening Cattle farm** (2014-2015) with the following job description (designing vaccination, deworming, ectoparasites combating and biosecurity program, solving medical problems and, investigate and control infectious diseases outbreaks).

VII. Teaching and training Experience

1. For the last 8 years, i taught the practical sessions of the following courses (Credit hours system)
 - A. Veterinary Epidemiology (course No. 402)
 - B. Infectious diseases of sheep and goats (course No. 452)
 - C. Infectious diseases of pet animals (course No. 453)
 - D. Infectious diseases of cattle and buffaloes (course No. 503)
 - E. Infectious diseases of camels course No. 502)
 - F. Infectious diseases of equines (Course No. 551)
 - G. Infectious diseases of ruminants (pharmacology special course) (course No. PHA 452)
 - H. Infectious diseases of farm animals

for the 4th and 5th levels undergraduate students in the department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University and for 4th level undergraduate students in department of Animal Production, Faculty of Agriculture, Cairo University, in an interactive and interesting manner, which was supported by pictures and videos of field cases, animations and field cases from the teaching hospital of the department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University.

2. For the last 8 years, I was contributed in the training of 4th and 5th levels undergraduate students for some medical and infectious diseases control practical skills in different animal species, such as performing clinical examination, carrying out field tests, sampling, routes of drugs administration, deworming, defleaing, etc., during the practical summer training courses in different governmental veterinary units, hospitals and farms (courses No. 459 and 602) supported by the Faculty of Veterinary Medicine, Cairo University and

through several medical convoys supported by the Faculty of Veterinary Medicine, Cairo University and other non-profit veterinary organizations.

3. 2016-2018: I was contributed in the training of field veterinarians for pet animals infectious diseases control in theoretical and practical courses supported by non—profit organizations, such as Vetbook organization (<http://www.vetbook.net>) And Volt organization (<http://www.findglocal.com/EG/Giza/508327115998799/VOLT--Vet-Organization-for-Learning-%26-Training>).

VIII. Community services

1. 2013-present: veterinarian at the teaching hospital of the department of Medicine and Infectious Diseases, Faculty of Veterinary Medicine, Cairo University.
2. Participate in tens of medical convoys in different governorates (Cairo, Giza, Beni-suif, El-Wahat El-baharyia and Ismailia) supported by Cairo University and different non-profit veterinary organizations.

IX. Research Experience

1. Research areas of interest including

- A. veterinary epidemiology (calculating appropriate sample size and selecting proper sampling method, designing different types of surveys, analyses for risk-risk factors association, designing clinical trials, searching for causes of vaccination failure and outbreaks investigation).
- B. Veterinary virology (laboratory techniques, such as conventional PCR, ELISA, HI and viral isolation)
- C. Molecular biology (genotyping by DNA sequencing: I have partially sequenced about 57 Egyptian canine parvovirus type 2 (CPV-2) field isolates and these sequences were deposited in the GenBank with the following accession numbers (MW233859-MW233892, MW281416- MW281422 MT596684-MT596696 and MT636872-MT636874).

2. Research software programs

I have a good experience in using some software programs to help me in my research work including

- A. Statistical Package for the Social Sciences (SPSS) and Microsoft Excel for data entry and performing some statistical analyses.
- B. Bioedit software for editing, translating and alignment of nucleotide sequences.

3. Theses and published papers

- A. The master thesis was performed to detect the epidemiological status of peste des petits ruminant virus in sheep and goats in Giza Governorate, Egypt through performing a well designed sero-survey study, analysis of some associated risk factors and through confirming the clinical diagnosis of some field cases by viral isolation and conventional PCR.
- B. The PhD thesis was carried out to determine the epidemiological status of CPV-2 in Giza Governorate, Egypt through detecting the most prevalent genotype, searching for the most common cause of vaccination failure and comparing the efficacy of 2 different commercial vaccines.
- C. Published paper extracted from my PhD thesis

-Rabie Etman, **Mahmoud S. Safwat**, H. Khodeir (2021). Molecular Characterization of Canine Parvovirus-2 (Cpv-2) in Dogs in Egypt. Adv. Anim. Vet. Sci. 9(6): 933-940. (<http://dx.doi.org/10.17582/journal.aavs/2021/9.6.933.940>)

-Three other research papers are currently prepared for publication.

X. Personality

Highly motivated, hard worker, good time managing, good communication skills and work independently and within groups

References

1. Rabie Ibrahim Hassan Etman

professor of Infectious diseases, department of medicine and infectious diseases, Faculty of Veterinary Medicine, Cairo University.

2. Amr Abd-Elaziz

Professor of Infectious diseases, department of Medicine and Infectious diseases, Faculty of Veterinary Medicine, Cairo University.

3. Wagdy Rady Al Ashmawy

Associate professor of Infectious diseases, department of medicine and infectious diseases, Faculty of Veterinary Medicine, Cairo University.

4. Yamen Hegazy

Associate professor of Infectious diseases, department of medicine and infectious diseases, Faculty of Veterinary Medicine, Kafr EL Sheikh University.