

Omar Sayed Ahmed Said

Demonstrator of Virology *Department*

Faculty of Veterinary Medicine

Cairo University

12211 Giza

Egypt

Address (Office): 2 st Gamal Elden afghan -students hospital Cairo university /Giza square

Phone (Office): 002-02-35710309

Mobile: 002-01112537071 /0100

Fax: 002-02-35736005 / 002-02-35725240

E-mail: vetomarsayed51@cu.edu.eg

vetomarsayed51@gmail.com

personal ID: 29412090101795

EDUCATION/QUALIFICATIONS

- **Master student of Veterinary Medical Sciences (Virology)** 2018-present
- **Bachelor of Veterinary Medical Sciences** 2012-2017
Faculty of Veterinary Medicine, Cairo University, Egypt
 - Excellent (one of the Top 5, honors)

PROFESSIONAL EXPERIENCE (Position)

- **Demonstrator of Virology** 2018-present
Faculty of Veterinary Medicine, Cairo University, Egypt

ACADEMIC/TEACHING Duties

A) Courses taught (Undergraduate)

1. Molecular Biology Course 155 (Practical sessions and lab instructions) 2018-present
2. General Virology Course 304 (Practical sessions and lab instructions) 2018-present
3. Veterinary Virology Course 355 (Practical sessions and Lab. instructions) 2018-present
4. Summer Training Course 357 (Practical sessions and Lab. instructions) 2018-present

B) Education Technology

Teaching Methods

Group discussion, presentation, demonstration and problem solving

Teaching Materials

White boards, slides, video projectors, teaching microscopes and web-enabled e-learning

TECHNICAL/RESEARCH SKILLS

DNA/RNA: DNA & RNA extraction (Manual and automatic), real time PCR (Probe-SYPR), Recombinase Polymerase Amplification (RPA, RT-RPA), PCR, RT-PCR, and their clean up, Agarose gel analysis and gel extraction of nucleic acids, nucleic acid sequence analysis using BIOEDIT.

Virus: Virus isolation and propagation, Infectivity titration on tissue culture and ECE

Cell culture: Dealing with different types of primary, diploid, and established cell lines (suspension and adherent), Preparation of different types of cell culture media, Virus inoculation on cell culture.

Serology and Immunology: Immunofluorescence, Hemagglutination and Hemagglutination Inhibition assays, Agar Gel Precipitation Test, serum neutralization test and western blot and their analysis.

Job Description/Duties:

1. Application of standard microbiological practices.
2. Aiming for isolation of different viruses.
3. protect human and animal health from chemicals side effect
4. control and management of biological risk factors.
5. Identification of different viruses via microscopic examination of morphological, physical and cultural traits.
6. observation of behavior of viruses on living tissues.
7. study of growth development and structure of viruses.
8. How to secure our lab chemicals.
9. Study and try to solve the public health hazards that originated from animals.
10. Treatment of various virologic issues related to animals and human
11. control and prevention of virologic issues that threaten human being.

AWARDS AND HONORS

1. Certificate of honor from the Faculty of Veterinary Medicine, Cairo University for Scientific superiority (one of top 5% of class, Excellent, 2012-2017).

PRACTICAL TRAINING COURSES

- 1- International publishing, 2018, Leadership Development Center (FLDC), Cairo University.
- 2- Recombinase polymerase amplification technique (RPA) at the 6th international conference of the Egyptian Society of Virology, Held in Desert Rose Hotel-Hurghada, Egypt, Nov. 2018.
- 3- Biostatistics, 4 th_15 th November 2018. Faculty of Veterinary Medicine, Cairo University
- 4- Exams and Students Evaluation Systems, 2018, Leadership Development Center (FLDC), Cairo University.
- 5- Time and Meetings management ,2019 faculty and leadership Development Center (FLDC).
6. GMP.HACCP, ISO22000 at 2016.
7. ILETS preparation at 2019 (score 6)

MEMBERSHIPS & PROFESSIONAL ACTIVITIES

1. Aiding member of teaching staff of Department of virology, Cairo University.
2. Egyptian Veterinary Medical Syndicate.
3. Egyptian Society of virology.
4. Large animals team leader at VOTES bright changes, educational model.

SKILLS

• LANGUAGES

- Arabic: Mother tongue
- Institutional TOEFL, center for foreign languages and professional translation **CLT, Cairo University September 2019 (Score 550).**

• COMPUTER SKILLS

- Familiar with the following computer software and applications:
 - ICDL course, Syllabus Version 4 (**Pass**)
 - Bioinformatics software (BIOEDIT and Snap gene different versions).
 - Good at maintaining both hardware and software.

• Academic background:

- Graduated from faculty of veterinary medicine Cairo University at 2017.
- Graduated from Amin El_raey School with general secondary certificate (98%) at 2012.
- Preparatory certificate 2009
- Primary certificate at 2006

PERSONAL INFORMATION

- **Nationality:** Egyptian
- **Place of birth:** Cairo governorate
- **Marital status:** Single
- **Date of birth:** 9/ 12 /1994
- **Military service:** temporary exemption
- **Address:** 2 st Mohamed el said el sabak el Bastien, new Maddi, Cairo, Egypt.
- **City of residence:** Cairo- Egypt