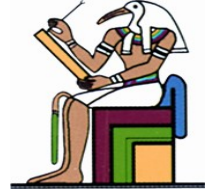




كلية الطب البيطري
جامعة القاهرة


وحدة ضمان الجودة



جامعة القاهرة

Curriculum Vitae

personal Information

Name	Ahmed Fathi Abdelkhalek	
Title	demonstrator of virology Department	
Date of birth	14-1-1994	
Place of birth	Saudi arabia kingdom	
Citizenship	Egyptian	

Contact Information

Home phone	-----
Work phone	002-02-35710309
Mobile phone	01116377423
E-mail (s)	Fathi.ahmed@cu.edu.eg Ahhmed20111@gmail.com
Web site (s)	-----
Current Address	Amr ibn elass st.,twabek, faisal, Giza

Educational Qualifications

Faculty of Veterinary Medicine, Cairo University, Egypt.

- Bachelor of Veterinary Medical Sciences 2011-2016



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جامعة القاهرة

Faculty of Veterinary Medicine, Cairo University, Egypt.

Top 1% of class (excellent) Every year

- Master of Veterinary Medical Sciences 2018-2021

Faculty of Veterinary Medicine, Cairo University, Egypt.

- PhD student from 2021 till now.

Academic Positions

Demonstrator in virology department (2017-2020)

Assistant lecturer in virology department (2021-till now)

Administrative positions

Thesis Title

**M.
B.Sc.** " Screening Oils of Plant Origin for Use as Adjuvant in Avian Influenza H5N8 Vaccine"

Areas of experience

Virology (vaccinology and molecular biology)

Projects

Under submission

- Participated in the research team in a research project submitted to STDF 100 KLE entitled " Development of a competitive internal positive control (CIPC) to improve the Avian influenza H5N1 rapid detection molecular assay " collaborating of virology Department, Faculty of Veterinary Medicine, Cairo University. 2017

Areas of experience

DNA/RNA: extraction (Manual and automatic), real time PCR (Probe-SYPR), Recombinase Polymerase Amplification



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(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 ,snapGENE, Cloning and their related Protocols.

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, ELISA, Hemagglutination and Hemagglutination Inhibition assays, Agar Gel Precipitation Test, serum neutralization test and western blot and their data analyses.

Bioinformatics:

1-Sequence analysis using different software, such as BIOEDIT, SnapGene and Laser Gene.

2-Primer, probe, molecular standards design and in silico validation.

3-Phylogenetic trees analysis.

Molecular cloning:

1-Design of synthetic fragments for cloning

2-Gene cloning using different methods.

Reverse genetics of avian influenza: I took a training in center of scientific excellence of influenza viruses at national research center (NRC). I used 6+2 approach in which A/Puerto Rico/8/34 H1N1 was the donor for 6 segments and HA and NA obtained from previously isolated AI (H5N8) to produce a seed strain for inactivated influenza vaccine formulated with natural oils.

Statistical programs:

Familiar with SPSS 20 and GraphPadPrism7

Awards

- Summer school (International summer school on imported and neglected infectious diseases: Joint research forces to fight global problems) organized jointly by Cairo University (Egypt) and University of Goettingen (Germany) with the theme, will be held at September 2018.
- Certificate of honor from the faculty of veterinary medicine, Cairo University for Scientific superiority 2016 Top 1% of class (excellent).

Professional Qualifications



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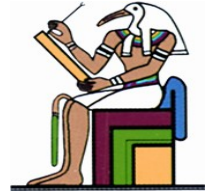
2011-2016

1. Self-Marketing, 19th March 2018, held at the premises of DAAD Cairo, DAAD Kairo Akademie
2. Proposal writing for master and PhD candidates, 1st Febr. 2018, held at the premises of DAAD Cairo, DAAD Kairo Akademie.
3. International publishing, 4th-5th Oct. 2016, Leadership Development Center (FLDC), Cairo University.
4. Recombinase polymerase amplification technique (RPA) at the 6th international conference of the Egyptian Society of Virology, Held in Desert Rose Hotel-Hurghada, Egypt, 30th Nov. 2016.
5. International publishing, 4th Sept. 2016, DAAD Kairo Akademie, held at Faculty of computers and information, Cairo University.
6. Reference management usage in scientific writing, 1st Sept. 2016, Faculty of Veterinary Medicine, Cairo University.
7. University managements, 15th-16th Aug. 2016, Leadership Development Center (FLDC), Cairo University.
8. Scholarly collaboration, 13th July 2016, held at the premises of DAAD Cairo, DAAD Kairo Akademie.
9. Paraphrasing and reviewing literature, 5th April 2016, held at at the premises of DAAD Cairo, DAAD Kairo Akademie.
10. Managing time & Meetings, 15th-16th February 2016, Leadership Development Center (FLDC), Cairo University.
11. Effective Teaching Skills, 30th Sept-1st Oct. 2015, Leadership Development Center (FLDC), Cairo University.
12. Biostatistics, 25th-28th October 2015. Faculty of Veterinary Medicine, Cairo University
13. "A Practical Tour of Bioinformatics Tools": Making sense of your sequences: from raw sequence data to meaningful sequence information" 29th June 2015. Biotechnology Center for services and researches (BCSR), collaborating with virology Department, Faculty of Veterinary Medicine, Cairo University.



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14. Exams and Students Evaluation Systems, 19th-20th Jan. 2015, Leadership Development Center (FLDC), Cairo University.

15. E-Learning, 15th-16th Dec. 2014, Leadership Development Center (FLDC), Cairo University.

Computer Skills

- Familiar with the following computer software and applications:
- ICDL course
- Bioinformatics software (BIOEDIT, MEGA and Snap gene different versions).
- Good at maintaining both hardware and software.
- Minion and Genius softwares for whole genome sequencing (Oxford Nanopore).

Language Skills

- Arabic: Mother tongue
- English: fair

Professional Memberships

- Aiding member of teaching staff of Department of virology, Cairo University
- Egyptian Veterinary Medical Syndicate
- Member in rabbit team at VNP bright changes educational model

Other activities

Member at Cairo runners

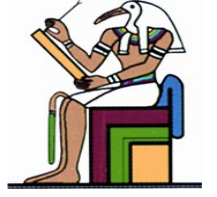
Publications statistic

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
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