



كلية الطب البيطري

قسم الفيروسولوجي
Department of Virology



جامعة الوادي الجديد

CURRICULUM VITA

Eman Abd El munem Mostafa Shosha

Personal Information

Name: Eman Abd El munem Mostafa Shosha

Gender: Female.

Nationality: Egyptian.

Marital status: married.

Date of Birth: 25 /11 / 1985.

Place of Birth: Shebin El koam - Menufiya.

Private Address: (1) Araby Salam from Said Abo El-Leil – Faysal -Giza, Egypt.

Current position: Ass. Prof. of Virology and head of Virology Department.

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Academic Oualifications

Time: From: 2002 to 2007

Institute: Faculty of Veterinary Medicine, Cairo University, Egypt.

Degree obtained: Bachelor of Veterinary Medical Sciences (BVMSc).

Time: From: 2008 to 2009.
Institute: Faculty of Science, Suez Canal University, Egypt.
Degree obtained: Diploma in Microbiology, (with GPA: Very good).

Time: From: 2009 to 2011.
Institute: Faculty of Veterinary Medicine, Cairo University, Egypt.
Degree obtained: Master of Veterinary Medical Sciences (Virology).

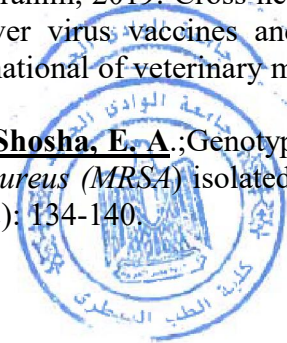
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Time: From: 2011 to 2015
Institute: Faculty of Veterinary Medicine, Damnhor University, Egypt.
Degree obtained: Philosophy Doctor of Veterinary Medical Sciences (Virology).

ACADEMIC AND ADMINSTRATIVE POSITIONS

- **Head of Virology Department (October, 2022– until now).**
Department of Virology, Faculty of Veterinary Medicine, New Valley University.
- **Head of Microbiology and Immunology Department (August– October, 2022).**
Department of Microbiology and Immunology, Faculty of Veterinary Medicine, New Valley University.
- **Ass. Prof. of Virology (May 2022 – until now).**
Department of Virology, Faculty of Veterinary Medicine, New Valley University.
- **Lecturer of Virology (August, 2016 - 2022).**
Department of Microbiology and Immunology, Faculty of Veterinary Medicine, New Valley University.
- **Researcher in Microbiology and Immunology Department (March, 2014 - 2016).**
Department of Microbiology and Immunology, National Research Center.
- **Assistant Lecturer of Microbiology (2011-2014).**
Faculty of Pharmacy, Sinai University, Egypt.
- **Demonstrator of Microbiology (2008-2011).**
Faculty of Pharmacy, Sinai University, Egypt.

SCIENTIFIC RESEARCHES

- (1) Heba Badr, **Eman Abdel Menamm Shosha**, Heba Roshdy, Ahmed Abd El-Halem Mohammed, Noha saad, Adel Alkhedaide, Mohamed T. El-Saadony, Nahed Yehia, 2022. Investigation of many bacterial and viral infections circulating in pigeons showing nervous symptoms. Saudi Journal of biological sciences. Accepted for publication in Saudi Journal of biological sciences, 10 January, 2022 (Acceptance letter)
- (2) Samah M Mosad, Nesma Rasheed, Hanaa S Ali, Khaled A. S. El-Khabaz, **Eman A. M. Shosha**, Mohamed El-Diasty, 2021. Incidence of Lumpy Skin Disease Virus with its Characterization in Vaccinated Pregnant Holstein cows in Dakahlia Governorate, Egypt German Journal of Veterinary Research, (4) 23-33.
- (3) M.S.Abd El Hafez, **E.A.E-M.Shosha**, S. M. Ibrahim, 2021, Isolation and molecular detection of pigeon pox virus in Assiut and New Valley governorates. Journal of Virological Methods. 293, 114142.
- (4) Khaled A. S. El-Khabaz, **Eman A. M. Shosha**, Aml M. Abdel-Ra'ouf, 2021 .New Epizootic of Lumpy Skin Disease in Assiut- Egypt: Molecular Identification and Characterization Advances in Animal and Veterinary Sciences, 9(3): 446-452.
- (5) Fatma Fadel Warda, **Eman Abd El-munem Shosha**, aml mohamed abdel raouf, Magda Anes Kalad, 2021. Immunogenicity of inactivated Equine Influenza (H3N8) virus vaccine with different adjuvants in equine. Banha Veterinary Medical journal, 40 (2), 422-429.
- (6) Fatma F. Warda, Hala El Sawy Ahmed, Nermeen G.Shafik, Christine A. Mikhael, Heba M. G. Abd-ElAziz, Walaa A. Mohammed, **Eman A. Shosha**, 2021. Application of equine herpesvirus-1 vaccine inactivated by both formaldehyde and BEI in equine. Veterinary World, 14(7): 1815-1821.
- (7) Samah, E.A. Abo-Dalal, Shosha, E; A; E- M, Mohammed S. Abdel Hafez, Fatma F.Warda., Naglaa, M. Hagag. 2021, Isolation and Molecular Characterization of Rabbit Haemorrhagic Disease Virus Strains Circulating in Rabbit Population Using Sequencing and Phylogenetic Analysis in upper Egypt. Journal of World's Poultry Research, 2021, 11(3): 302-311.
- (8) Amal AM, Moustafa Zaghoul, **Shosha, EA El-Munem**, Darwish DM , Heba A Khafagy , Ekbal M Farouk and Ayatollah I Ibrahim, 2019. Cross neutralization between vaccinal strain of commercial bovine ephemeral fever virus: vaccines and egyptian isolate 2018 with serum samples of vaccinated cattle. International of veterinary medicine, 8(4): 329-334.
- (9) Sotohy, A, S., Ehsan, A, S., and **Shosha, E. A.**; Genotypic and phenotypic characterization of methicillin resistant *Staphylococcus aureus* (MRSA) isolated from milk of bovine mastitis. Assuit veterinary medical journal. 2018, 3(12): 134-140.



EXPERIENCES

- TEACHING EXPERIENCE

- **Ass. Prof. of Virology (May 2022 – until now).**
- **Lecturer in faculty of veterinary medicine (August 2016-2022).**
- **Teaching lectures and practical courses of Microbiology, Virology and Immunology to undergraduate students, third year.**
- **Practical courses of Microbiology and Immunology to undergraduate students, second year, Faculty of Pharmacy, Sinai University.**
- **Teaching lectures and practical courses to postgraduate students (Diploma, Master and PhD students).**

-TEACHING ASSISTANT

- Practical courses to undergraduate students, third year.
- Assist students in everyday laboratory routines.
- Check equipment prior to classes and ensure that all requirements are in place.
- Prepare laboratories for practices.
- Ensure that staff and students adhere to safe working practice during classes.
- Trouble-shoot and respond to problems that may occur during practical classes.

Participate in the work of Quality and Accreditation of New Valley university

- Member in Quality and Accreditation project, Faculty of Veterinary Medicine, New Valley University.
- Preparation of course program and course specification for undergraduate and postgraduate virology course.
- Participation in Evaluation and Measurement project.

CERTIFICATIONS

- **Development of exams and its Evaluation Project**, work shop, 19/11/2022, New Valley University, online.
- **Create and manage the work team**, 9/12/2020, Academics & Researchers Platforms (IFAD), online.
- **Methods of preparing research for publication in international scientific journals**,

8/11/2020, Academics & Researchers Platforms (IFAD), online.

- **The culture of scientific research and its ethics**, 30/10/2020, Academics & Researchers Platforms (IFAD), online.
- **How to Write and Publish a Scientific Paper (Project-Centered Course)**, 13/06/2020, École Polytechnique, France and offered through Coursera.
- **COVID-19 Contact Tracing**, 12/06/2020, Johns Hopkins University, USA and offered through Coursera.
- **Epidemiology: The Basic Science of Public Health**, 10/06/2020, University of North Carolina at Chapel Hilland, USA offered through Coursera.
- **Epidemics, Pandemics and Outbreaks**, 07/06/2020, University of Pittsburgh, Pennsylvania, United States and offered through Coursera.
- **Inflammation of the gut and its impact on production**, 18/ 5/2020, Phibro animal health corporation, USA.
- **Pregnancy and Breastfeeding During COVID-19**, 16/ 4/ 2020, Harvard Medical School, USA.
- **Lessons Learned from Around the World in Dealing with COVID-19**, 14/4/ 2020, Harvard Medical School, USA.
- **Severe Acute Respiratory Infection (SARI) Treatment Facility Design**, 25/3/2020, Health Emergencies programme, WHO.
- **COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response**, 28/3/2020, Health Emergencies programme, WHO.
- **International Computer Driving License (ICDL, Ver.4.)**, 13/ 9/ 2010, European Computer Driving License Foundation.
- **Toefl course**, from 28/6/2009 – 10/8/2009 in English for Specific Purposes Research Center, Mansoura University.
- **Learning Content Management System workshop**, 3- 7/4/2010, e-Learning unit, Faculty of Veterinary Medicine, Mansoura University.
- **Basic life support course**, 12/4/2005 in Faculty of Veterinary Medicine, Mansoura University.

CONFERENCES

- **The 7th Scientific International Conference**, Faculty of Veterinary Medicine, 2018, Cairo University, Egypt.

- **The 18th scientific conference**, Faculty of Veterinary Medicine, Assuit University, 2017, Egypt.
- **The 1st scientific conference** of Faculty of Medicine with participation of tissue culture and molecular biology center, 2017, Assuit University, Egypt.
- **The annual conference** of Virology department, 2012, Cairo University, Egypt.

WORKSHOPS

Workshops of Faculty and Leadership Development Program, New Valley University Development System:-

- **Electronic exams** (January 18-20, 2021).
- **International publishing** (June 14-16, 2021).
- **Exam systems and student assessment** (July 4-6, 2021).
- **References management** (May 25-26, 2022).
- **Digital transformation** (Jan 2022).
- Workshop at **Faculty of Veterinary Medicine, Cairo University**, 2022 August (28-31), Entitled "Nanotechnology in Scientific Research: Preparation and Characterization of Nanoparticles".
- Workshop at **National Research Center**, 13, May 2021 Entitled "Functional genome annotation and enrichment analysis".
- Workshop at **Liverpool John Moores University**, May 2021 Entitled "Veterinary vaccine nanotechnology".

"Dissemination event towards decision makers and research and innovation funders" a workshop at **LEAP4FNSSA** (Long-term EU-AU Research and Innovation Partnership for Food and Nutrition Security and Sustainable Agriculture), April, 2021.
- "Preparing Electronic Tests" a workshop at the Measurement and Evaluation Center at the **Higher Education Development Project Management Unit**, January, 2020.
- Workshop Entitled "**Fulbright Programs for Egyptians in the U.S.**", February, 2021
- "Bioinformatics: Analysis and Applications" a workshop Organized by The 9th International Conference on Biological Sciences, 4-5, May, 2018, **Faculty of Science, Tanta University, Egypt**.
- "Basic Principles of PCR" a workshop at **Faculty of Veterinary Medicine, Molecular biology unit, Assuit University**, 2017.
- Real-time PCR & DNA sequencing: Techniques and Applications, a workshop at **Faculty of Veterinary Medicine, Molecular biology unit, Assuit University**, 2017.
- "A full study program of practical preparation of different nanomaterials; PVP nanoparticles, Magnetite nanoparticles, Selenium nanoparticles, Zinc Oxide nanoparticles, Chitosan

nanoparticles and Silver nanoparticles", 20-25, August, 2017, held in **Nakaa Nanotechnology for Scientific Research**, Cairo, Egypt.

- Diagnosis of diseases by real time PCR, a workshop at **Faculty of Medicine, Assuit University**, 2016, Egypt.
- The scientific symposium "Rift valley fever virus" **Faculty of Veterinary Medicine, Assuit University**, 2016, Egypt.
- The scientific symposium "Epidemiology of foot and mouth disease virus", **Faculty of Veterinary Medicine, New-Valley University**, 2016, Egypt.
- Laboratory diagnosis of viral diseases; a workshop at **National Research Center**, 2015. Egypt.
- The scientific symposium "Corona virus" **National Research Center**, 2015. Egypt.
- The scientific symposium "Avian Influenza-Future Perspectives", **National Research Center**, 2015. Egypt.

Profession experience

- Member of the Committee of cultural relations emanating from the Council of the College of Veterinary Medicine, New Valley University (October 2022 - till now).
- Member of Strategic Planning committee in the Quality Assurance Accreditation Center, Faculty of Veterinary Medicine, New Valley University (February 2020, till now).
- Member of the Committee of Veterinary Laboratories and Laboratories emanating from the Council of the College of Veterinary Medicine, New Valley University (October 2020 - 2021).
- Member of the Technology and Innovation Transfer and Marketing Office (Tico Team), New Valley University (August 2020, till now).
- Peer reviewer of advances in animal and veterinary sciences Journal (September 2020, till now).
- Peer reviewer of global Journal of Medical Research (May 2020, till now).
- Member of the Egyptian association of virology (2019 until now).
- Member of the Egyptian Poultry association (2018 until now).
- Member of the Egyptian society cattle disease (2018 until now).
- Member of the association for History of Veterinary Medicine (2017 until now).

Projects

A member of a project "Molecular characterization of Bluetongue virus in Egypt." national research center, 2015.

PhD/MSc Supervision

- A master thesis titled" Genotypic and phenotypic characterization of methicillin resistant *Staphylococcus aureus* (MRSA) isolated from milk of bovine mastitis", 2016, Assuit University, completed.

- A master thesis titled" Epidemiological and molecular studies on avian infectious bronchitis virus isolated from broilers flocks in New Valley governorate ", 2020, Faculty of Veterinary Medicine, New Valley University, on run.

- A PhD thesis Supervision Of vet. Eman Hafez, virology department 2022, Faculty of Veterinary Medicine, New Valley University, on run.

LANGUAGE SKILLS

- Excellent command of spoken and written English.
- English: Good; TOEFL scored 547 (old scoring system).

COMPUTER SKILLS

☐ International Computer Driving License ICDL (computer skills certification Programme; trademark of European Computer Driving License Foundation).

☐ Photoshop training programme, training and skills development center, National Research Center, 2015.

☐ Training in computer skills from international cultural for computer and languages center (I.C.L.C) with general merit excellent.

☐ Excellent user of MS Office 2007, Office 2010: Word, Excel & Power point.

☐ Well experienced of the internet with a good ability to browse at scientific sites.

☐ Excellent user for different programmes.

☐ Experience with different operating systems (Windows 7,8,10).

Training courses in fundamentals of digital transformation:

- Fundamentals of IT.
- Operating systems.
- Words.

Documents and Certificates are available upon request

References are available upon request

عميد الكلية

أ.د./ محمود هاشم