



Personal Information:-

Name: Zainab Mohammed Ahmed Mohammed Youssef

Occupation: Lecturer of Infectious Diseases-Department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University.

Date of Birth: 17/12/1990

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Academic Positions:-

- Demonstrator of infectious diseases, department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University 2014.
- Assistant lecturer of infectious diseases, department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University 2017.
- Lecturer of infectious diseases, department of Animal Medicine, Faculty of Veterinary Medicine, Assiut University 2021.

Education and Certificates:-

- Bachelor degree in Veterinary Sciences (Excellent with Honor's grade, 2013), Faculty of Veterinary Medicine, Assiut University, Egypt.
- Master of Veterinary Medical Science (Infectious diseases, 2017), Faculty of Veterinary Medicine, Assiut University.

Title of thesis

"Enteric Rota and Corona viruses infection in neonatal calves"

- Doctor of Veterinary Medical Science (Infectious diseases, 2021). Faculty of Veterinary Medicine Assiut University.

Title of thesis

"Molecular Detection and Typing of Rotavirus causing Enteritis in neonatal Bovine and Bubaline calves"

- ICDL
- ELPT

Professional skills:-

- Teaching of the practical and lectures courses of Infectious Diseases for the 4th and 5th years undergraduate Veterinary Medicine students.
- Diagnosis and treatment of different infectious diseases of different animal species in Veterinary Teaching Hospital, Faculty of Veterinary Medicine, Assiut University.
- Participation in Veterinary survey convoys carried out by the college in the villages of Assiut Governorate.
- Participation in Scientific Conferences.

Scientific activity inside Assiut University:-

Teaching work:

- Teaching of the practical and lectures courses of Infectious Diseases for the 4th and 5th years undergraduate Veterinary Medicine students.
- Diagnosis and treatment of different infectious diseases of different animal species in Veterinary Teaching Hospital, Faculty of Veterinary Medicine, Assiut University.
- Supervisor of Master and PhD thesis.

Research techniques and interest

- Infectious diseases in different animal species, their serological and molecular diagnosis.
- Different molecular biology methods including:
 - Isolation of DNA and RNA.
 - Conventional polymerase chain reaction (PCR)
 - Reverse transcriptase PCR (RT-PCR).
 - Semi-nested multiplex PCR.
 - Sequences alignment and phylogenetic analysis.

Conferences:-

Participation in 16th Scientific Conference, Faculty of Veterinary Medicine, Assiut University, Egypt, 30 Nov.- 2 Dec, 2014, Give a research titled

Clinical Survey of Some Infectious Diseases in Teaching hospital-Faculty of Veterinary Medicine-Assiut University

Publications:-

- 1-Fatma S. Mahmoud, Khaled A. Abdel-Razik, Marwa G. Abdel-Kader, Heba A. Nasr and **Zainab M.A. Youssef** (2025): Serological and molecular detection of *Toxoplasma gondii* in milk samples from sheep and goats in Assiut Governorate, Egypt. Assiut Veterinary Medical Journal 71(186): 477-486.
- 2-Heba F. Kamaly, Abeer M. Hassan, **Zainab M.A. Youssef** and Fatma El-Zahraa A. Mustafa (2025): Histological, immunohistochemical assessment and DNA fingerprint species identification of some meat products in Egypt. Scientific Reports 15:14978.

- 3-Fatma E. Mahran, Khaled A.S. El-Khabaz, Osama A. Ali and **Zainab M.A. Youssef** (2025). Molecular detection of bovine viral diarrhea virus in whole blood and oral swabs in cattle and buffaloes. *Assiut Veterinary Medicine Journal* 71(184): 459-567.
- 4-**Zainab M.A. Youssef**, Marwa G. Abdel-Kader, Heba A. Nasr and Fatma S. Mahmoud (2024). Molecular detection of *Coxiella burnetii* infection in milk samples from dairy cattle in Assiut Governorate, Egypt. *Assiut Veterinary Medicine Journal* 70(183): 465 -455.
- 5-Fatma S. Mahmoud, Mohammed M.M. Abdel-Baky and **Zainab M.A. Youssef** (2024) Epidemiological and molecular study on bovine malignant catarrhal fever in Assiut Governorate, Egypt. *Journal of Advanced Veterinary Research* 14(1):161-165.
- 6-**Zainab M.A. Youssef**, Mohammed M.M. Abdel-Baky, Ghada B.M. Murid, Fatma E.A.M.M. Mahran and Fatma S. Mahmoud (2023). Some Studies on bovine viral diarrhea in Assiut Governorate, Egypt. *Assiut Veterinary Medicine Journal* 69(179):14-23.
- 7-**Zainab M.A. Youssef**, Safaa S. Malek, Shaimaa H. Abo-Elmagd, Ragab F.Farghal and Fatma S. Mahmoud (2023). Risk factors affect prevalence of diarrheal enter- pathogens in children, calves and broiler chickens in Assiut, Egypt. *Iraqi Journal of Veterinary Science* 37(3): 561-571.
- 8-Huda Mohammed Kuraa, **Zainab M.A. Youssef**, Fatma S. Mahmoud and Safaa S. Malek (2022). Seroprevalence of *Besnoitia besnoiti* in Assiut Governorate, Egypt. *Open Veterinary Journal* 12(5): 754–761.
- 9-Ahmed M.A. Zaitoun, Ahmed Abdel-Rady and **Zainab M.A. Youssef** (2022). Molecular Typing of *Rotaviruses* in Diarrheic Neonatal Calves. *Journal of Advanced Veterinary Research* 12(5): 475-479.
- 10- Ahmed M.A. Zaitoun, Ahmed Abdel-Rady and **Zainab M.A. Youssef** (2022). Molecular Variation between RT-PCR Detected Rotavirus Infection of Naturally Diarrheic Neonatal Calves and Rotavirus Strains of Commercial Vaccines. *Journal of Genetic Engineering and Biotechnology Research* 4(2), 193-201.

- 11- **Zainab M.A. Youssef**, Ahmed M.A. Zaitoun (2022). Epidemiological Study of Rotavirus Infection in the Diarrheic Neonatal Calves. *Acta Scientific Veterinary Sciences* 4(3): 34-39.
- 12- Ahmed Abdel-Rady., Ahmed M.A. Zaitoun, **Zainab M.A. Youssef** (2022). Clinical Study with Rapid Serological Detection of *Rotavirus* Infection in Diarrheic Neonatal Calves". *Acta Scientific Veterinary Sciences* 4(2): 29-33.
- 13- Ahmed M.A. Zaitoun, Osama Abdel-Hakim, **Zainab M.A. Youssef** (2018). Enteric Rota and Corona viruses infection in neonatal calves, *Assiut Veterinary Medicine Journal* 64(156):8-17.
- 14- Amira A. T. AL-Hosary, Fatma S. Mahmoud, **Zeinab M. Ahmed**, Some Epidemiological Studies On The Most Important Infectious Diseases In Assiut Governorate, Egypt: PartII, The 13th Congress Egyptian Society For Cattle Diseases, Hurghada, Egypt, 1-4 Feb, 2016.
- 15- Amira A. T. AL-Hosary, **Zeinab M. Ahmed**, Fatma S. Mahmoud, Clinical Survey of Some Infectious Diseases in Teaching Hospital –Faculty of Veterinary Medicine- Assiut University, The 16th Scientific Conference, Faculty of Veterinary Medicine, Assiut University, Egypt, 30 Nov.- 2 Dec, 2014, 31-44., 2014
- 16- Maha I. Hamed, Hanan K. Elsayed, **Zeinab M. Ahmed** and Mohamed N. Seleem. (2014): Antimicrobial Sensitivity of the Isolated Bacteria from Bovine Mastitis Cases. XXI International Congress of the Mediterranean Federation for Health and Production of Ruminants. April 23rd – 26th, 2014 Cartagena, Spain.