

Mahmoud Shaban Abo Alyazeed Elneweshy B.V.M.Sc, M.V.Sc., Ph.D.



CURRENT POSITION

Professor, Department of pathology, Faculty of veterinary medicine, Kafelshiek university, Egypt

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Birth date July 4, 1979

Marital Status Married

Education and academic history

2008 **PhD in Pathology**, Alexandria University, Egypt.

2005 **Master of Veterinary Science**, Alexandria University, Egypt.

2002 **Bachelor of Veterinary Medical Sciences** - Alexandria University, Egypt. (Very good with honour "Top of my class")

SPECIALIZATION: Anatomic Pathology, Histopathology, Molecular Pathology and Clinical pathology

ACADEMIC POSITIONS

2013- present **Professor**, Department of pathology, Faculty of veterinary medicine, Kafrelshiek university, Egypt

2013- 2021 **Assistant Professor**, Department of pathology, Faculty of veterinary medicine, Alexandria university, Egypt

2008-2013 **Lecturer**, Department of pathology, Faculty of veterinary medicine, Alexandria university, Egypt

2005-2008 **Assistant Lecturer**, Department of pathology, Faculty of veterinary medicine, Alexandria university, Egypt

2002-2005 **Instructor**, Department of pathology, Faculty of veterinary medicine, Alexandria university, Egypt

Publications

- 2023 Ali, H., Alhamrashdi, A., **El-Neweshy, M.**, Asi, M. N., Johnson, E. H., & Elshafie, E. I. (2023). An Abattoir-based Survey of Helminthic Liver Infections and Associated Pathological Lesions in Sheep in the Sultanate of Oman. *Pakistan Veterinary Journal*, 43(1).
- 2023 **El-Neweshy, M. S.**, Al Mawly, J. H., Al Khaldi, N., Ali, H., Haridy, M. A., Alkheraif, A. A., & Tohamy, H. G. (2023). Compartment 1 acidosis associated with hemorrhagic diathesis causing mortalities among racing camels in Oman. *Tropical Animal Health and Production*, 55(3), 229.
- 2022 Mansour, A. T., Ashry, O. A., **El-Neweshy, M. S.**, Alsaqufi, A. S., Dighiesh, H. S., Ashour, M., ... & Sharawy, Z. Z. (2022). Effect of Agricultural By-Products as a Carbon Source in a Biofloc-Based System on Growth Performance, Digestive Enzyme Activities, Hepatopancreas Histology, and Gut Bacterial Load of *Litopenaeus vannamei* Post Larvae. *Journal of Marine Science and Engineering*, 10(10), 1333.
- 2022 Badr, Y., Noreldin, A. E., Elewa, Y. H. A., Ahmed, M. S., Inoshima, Y., Baker, N. M., ... & **El-Neweshy, M. S.** (2022). Cellular infiltration, cytokines, and histopathology of skin lesions associated with different clinical forms and stages of naturally occurring lumpy skin disease in cattle. *Comparative Immunology, Microbiology and Infectious Diseases*, 90, 101894.
- 2022 Tohamy, H. G., **El-Neweshy, M. S.**, Soliman, M. M., Sayed, S., Shukry, M., Ghamry, H. I., & Abd-Ellatieff, H. (2022). Protective potential of royal jelly against hydroxyurea-induced hepatic injury in rats via antioxidant, anti-inflammatory, and anti-apoptosis properties. *Plos one*, 17(3), e0265261.2021
- 2021 Ahmed R. Elbestawy; Hany F. Ellakany; Hatem S. Abd El-Hamid; Ahmed R. Gado; Amr M. Geneedy; Ahmed E. Noreldin; Soad Menshaw; **Mahmoud El-Neweshy**; Nahed A. El-Shall;

- Ahmed H. Salaheldin (2021). Leucocytozoon caulleryi in Broiler Chicken Flocks: Clinical, Hematologic, Histopathologic, and Molecular Detection. Avian diseases, 65(3), 407-413.
- 2021 Ahmed, M. S., & **El-Neweshy, M. S.** (2021). The impact of environmental lead exposure on whooper swan (*Cygnus cygnus*): pathological and immunohistochemical studies. Bulgarian Journal of Veterinary Medicine, 24(1)
- 2020 Ahmed, M.S., Body, M.H., **El-Neweshy, M.S.**, ALrawahi, A.H., Al-Abdawani, M., Eltahir, H.A. and ALmaewaly, M.G., 2020. Molecular characterization and diagnostic investigations of rabies encephalitis in camels (*Camelus dromedaries*) in Oman: a retrospective study. Tropical Animal Health and Production, pp.1-6.
- 2020 **El-Neweshy, Mahmoud**, Julanda Al Mawly, and Haytham Alieldin Ali. "First report of Dermatophilus congolensis infection in local Omani cattle." Journal of Agricultural and Marine Sciences [JAMS] 24 (2020): 34-38.
- 2019 **El-Neweshy, M.S.**, Al Mawly, J.H., Aboollo, S.H. and El-Manakhly, E.M., 2019. Natural Ehrlichia ruminantium infection in two captive Arabian tahrs (*Arabitragus jayakari*) in Oman. Tropical Animal Health and Production, 51(8), pp.2539-2545.
- 2019 **El-Neweshy, M.S.**, Khalafalla, R.E., Ahmed, M.M.S., Mawly, A., Hamad, J. and El-Manakhly, E.S.M., 2019. First report of an outbreak of cerebral coenurosis in Dhofari goats in Oman. Revista Brasileira de Parasitologia Veterinária, v. 28, n. 3, p. 479-488.
- 2019 Haridy, M., Goryo, M., **El-Neweshy, M.** and Yanai, T., 2019. Visceral lymphomas due to co-infection of Marek's disease virus-avian leukosis virus AE in Japanese silkie fowl. Japanese Journal of Veterinary Research, 67(1), pp.41-50.
- 2019 Hassan, E., Kahilo, K., Kamal, T., **El-Neweshy, M.** and Hassan, M., 2019. Protective effect of diallyl sulfide against lead-mediated oxidative damage, apoptosis and down-regulation of CYP19 gene expression in rat testes. Life sciences, 226, pp.193-201.
- 2019 Hassan, E., **El-Neweshy, M.**, Hassan, M. and Noreldin, A., 2019. Thymoquinone attenuates testicular and spermatotoxicity following subchronic lead exposure in male rats: Possible mechanisms are involved. Life sciences, 230, pp.132-140.
- 2019 Ahmed, M. S. & **M. S. El-Neweshy**, 2019. The impact of environmental lead exposure on Whooper swan (*Cygnus cygnus*): Pathological and immunohistochemical studies. Bulg. J. Vet. Med. (online first).
- 2015 Tawfik, M.F., Oda, S.S., **El-Neweshy, M.S.** and El-Manakhly, E.S.M., 2015. Pathological Study on Female Reproductive Affections in Dogs and Cats at Alexandria Province, Egypt. Alexandria Journal for Veterinary Sciences, 46(1).
- 2013 **El-Neweshy, M.S.**, El-Shemey, T.M. and Youssef, S.A., 2013. Pathologic and immunohistochemical findings of natural lumpy skin disease in Egyptian cattle. Pak. Vet. J, 33(1), pp.60-64.
- 2013 **El-Neweshy, M.S.**, El-Maddawy, Z.K. and El-Sayed, Y.S., 2013. Therapeutic effects of date palm (*P. hoenix dactylifera* L.) pollen extract on cadmium-induced testicular toxicity. Andrologia, 45(6), pp.369-378.
- 2013 **El-Neweshy, M.S.**, 2013. Experimental doxycycline overdose in rats causes cardiomyopathy. International journal of experimental pathology, 94(2), pp.109-114.
- 2013 Abu-Ahmed, H., Abdel-Wahed, R.E., El-Kammar, M.H. and **El-Neweshy, M.S.**, 2013. Evaluation of the effectiveness of propolis compared with honey on second intention wound healing in the equine. Middle East Journal of Scientific Research, 14(10), pp.1292-1298.
- 2012 El-Kammar, M.H., Alsafy, M.A.M., Mohammed, M.I. and **El-Neweshy, M.S.**, 2012. Ureteric obstruction and hydronephrosis in baladi goats: Topographical anatomy, ultrasonographical, hematological and pathological findings. Small ruminant research, 104(1-3), pp.169-178.
- 2012 Lebda, M.A., **El-Neweshy, M.S.** and El-Sayed, Y.S., 2012. Neurohepatic toxicity of subacute manganese chloride exposure and potential chemoprotective effects of lycopene. Neurotoxicology, 33(1), pp.98-104.

- 2012 **El-Neweshy, M.S.** and El-Sayed, Y.S., 2011. Influence of vitamin C supplementation on lead-induced histopathological alterations in male rats. *Experimental and toxicologic pathology*, 63(3), pp.221-227.
- 2012 Abou-Ahmed, H.M., El-Kammar, M.H., **El-Neweshy, M.S.** and Abdel-Wahed, R.E., 2012. Comparative Evaluation of Three In Situ Castration Techniques for Sterilizing Donkeys: Incision–Ligation (a Novel Technique), Section–Ligation–Release, and Pinhole. *Journal of equine veterinary science*, 32(11), pp.711-718.
- 2011 Ayoub, M.M., El-Far, A.H., Taha, N.M., Korshom, M.A., Mandour, A.A., Abdel-Hamid, H.S. and **El-Neweshy, M.S.**, 2011. The biochemical protective role of some herbs against aflatoxicosis in ducklings: I. Turmeric. *Lucrări Științifice-Universitatea de Științe Agricole și Medicină Veterinară, Seria Zootehnie*, 55, pp.150-159.
- 2011 Ayoub, M.M., El-Far, A.H., Taha, N.M., Korshom, M.A., Mandour, A.A., Abdel-Hamid, H.S. and **El-Neweshy, M.S.**, 2011. The biochemical protective role of some herbs against aflatoxicosis in ducklings: II. *Nigella sativa*. *Lucrări Științifice-Universitatea de Științe Agricole și Medicină Veterinară, Seria Zootehnie*, 55, pp.68-77.
- 2011 **El-Neweshy, M.S.** and Srag, M.A., 2011. Chronic malachite green toxicity in Nile tilapia: Pathological and hematological studies with special reference to quantitative histopathological assessment. *Researcher*, 3, pp.55-64.
- 2011 El-Kammar, M.H., Howaida, A.A.M., Nouh, S.R., **El-Neweshy, M.S.** and Abdeen, A.Z., 2011. Obstructive cholestasis and extra hepatic biliary tract surgery in dogs: clinical and pathological evaluation. *Alexandria Journal of Veterinary Sciences*, 33(1), pp.51-72.
- 2010 El-Sayed, Y.S. and **El-Neweshy, M.S.**, 2010. Impact of lead toxicity on male rat reproduction at “hormonal and histopathological levels”. *Toxicological and Environ Chemistry*, 92(4), pp.765-774.
- 2010 Erhaim, A.M., Oda, S.S., **El-Neweshy, M.S.**, Abou-Ollo, S.H. and El-Mahakhly, E.M., 2010. Experimental sulfur toxicosis in sheep. I-The prophylactic potential of thiamine. *Alexandria Journal of Veterinary Sciences*, 31(1), pp.115-123.
- 2010 Salem, G.A., **El-Neweshy, M.S.**, Oda, S.S., Abou-Olla, S.H. and El-Manakhly, E.M., 2010. Experimental sulfur toxicosis in sheep. II-Pathologic evaluation of neural and extraneural lesions. *Alexandria Journal of Veterinary Sciences*, 31(1), pp.97-106.

AREAS OF INTEREST

- Anatomical pathology
- Histopathology and diagnosis of infectious diseases.
- Molecular Pathology.
- Toxicological pathology.
- Epidemiology
- Clinical pathology

LABORATORY SKILLS

- Expert of animal diseases, Central laboratory for animal diseases, Ministry of agriculture and fisheries, Sultanate of Oman
- Performing full necropsy of different animals and writing necropsy reports.
- **Histopathological techniques** including sampling, fixation, trimming, sectioning and staining of different histological stains.
- Diagnosis of various animal diseases and interpreting different gross and histological lesions.
- Diagnosis of rabies disease using Fluorescent Antibody Test
- Diagnostic gross and microscopic imaging and image analysis.

- Experimental testing of different drugs in laboratory animals (Albino rats) detecting its deleterious effects on tissues.
- Testing the teratogenic effects of different drugs in laboratory animals (rats).
- Biopsies sampling, processing and associated report writing.
- Clinical biochemistry and veterinary haematology
- Bacteriological Culture Methods, Microscopical and biochemical identification of bacteria species
- Worked as part of the diagnostic services “Pathology Branch” for faculty of Veterinary Medicine, Alexandria University, Egypt (2002- 2013).
- Performing and optimization of **Immunohistochemistry** formalin fixed paraffin embedded and frozen tissue sections.
- Immunomorphometry and quantification of positive cells using image analysis system

TEACHING SKILLS

- 2008-2013** Teaching the following anatomical pathology courses (Pathology of bacterial, viral, fungal and parasitic diseases) for 4th year undergraduate students Faculty of Veterinary Medicine, Alexandria University.
- 2008-2013** - Teaching the courses of general and systemic veterinary pathology, at Department of Pathology, Faculty of Veterinary Medicine, Alexandria University for 3rd year undergraduate students.
- 2010-2013** - Teaching the courses of veterinary clinical biochemistry and haematology for 3rd year undergraduate students, Faculty of Veterinary Medicine, Alexandria and Matrouh universities, Egypt.
- 2002-2008** -Teaching practical courses of general and systemic Veterinary Pathology at Department of Pathology, Faculty of Veterinary Medicine, Alexandria University for 3rd and 4th year undergraduate students.
- Demonstration of gross and microscopic lesions for undergraduate students.
 - Assisted in preparation and supervision of practical exams for undergraduate students.
 - Summer field training for undergraduate students including performing necropsies, farm visits, clinic visits, vaccination programs, animal sampling and introductory for laboratory techniques and safety.
 - Developing teaching presentations for undergraduate students.
 - Share in the annual graduate student seminars at the Faculty of Veterinary Medicine, Alexandria University, Egypt.

Research Projects and ACADEMIC ACTIVITIES

- 2020-2021** LAMP assay for the diagnosis of COVID 19, funded by the research council, Oman
- 2020-2021** Epidemiological investigations of Contagious Caprine Pleuropneumonia in Oman. SQU, Deanship of Research Grants.
- 2010-2012** Using a cytokine flowcytometric assay as a complementary test for the detection of bovine tuberculosis: a new approach in Egypt funded by STDF - Science and Technology Development Fund. Egypt
- 2010-2012** A rapid molecular detection and epidemiological assay of mycobacterium infections in west and middle Egypt funded by STDF - Science and Technology Development Fund. Egypt
- 2006-2009** Member of **the Quality Assurance and Accreditation Project (QAAP)** at Faculty of Veterinary Medicine, Alexandria University, Egypt. (Funded 1 million US\$)
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- 2009-2011** Attending weekly **anatomic pathology seminars** at Department of Pathology, Alexandria University.
- 2003-2015** Member of the Egyptian Veterinary Medical Society of Pathology and Clinical Pathology.

WORKSHOPS, SYMPOSIUMS AND CONFERENCES

- 2008** Workshop on "**Polymerase Chain Reaction and its different applications**" 1 week -Cairo University, Faculty of Veterinary Medicine, Biotechnology Centre for services and researches.
- 2008** Higher Education Enhancement Projects Fund (**HEEPF**) Workshop on "**How to write Projects Proposals**" – Helwan University, Egypt.
- 2004-2006** Faculty and leadership development project (FLDP) workshop series **Effective teaching course/ Effective communication skills/ Methods of scientific research** - Alexandria University, Egypt.

COMPLEMENTARY INFORMATION

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