

Mohamed O. Basher Ahmed *BVSc, PhD*

Professor of zoonosis and infectious diseases

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BIBLIOGRAPHY

Mohamed O Ahmed is holder of a bachelor's degree in veterinary medicine from the faculty of veterinary medicine at Tripoli university (formerly known as Alfateh University). Currently a staff member at the department of microbiology and parasitology at University of Tripoli in Libya. He has also collaborated with various research centers in Libya as well as healthcare settings in various research activities publishing novel data.

He was a PhD student at Liverpool University, graduating in 2006 and his studies involved the investigation of antimicrobial resistance in enteric bacterial organisms from equines. This work has generated a novel epidemiological data in relation to the zoonotic risks of horses and their role as potential reservoir for antimicrobial resistance in North West England, UK (Ahmed MO 2010; *Annals Clin Micro & Antimicro*).

The research experience of Dr. Ahmed involved a great deal of diagnostic microbiology and genetic characterization (PCR, PFGE, MLST and WGS), combined with epidemiological and risk factors analysis. The range of techniques meant that he had to work closely with people from a range of disciplines – human and veterinary microbiology, epidemiology and veterinary clinicians. His recent and current research interests have covered a wide range of disciplines and involved studying zoonotic and infectious agents to understand the dynamics of antimicrobial resistance at national and international levels.

So far, he has published and coauthored over 75 articles and publishing data which are available in PubMed, Google scholarship and ResearchGate. Also, he has been involved in reviewing many articles in collaboration with many international journals. Dr. Ahmed has also taken up administrative-scientific roles in his faculty and has collaborated with national academic institutions and international research institutions.

Personal details:

Date of birth: July 22th, 1973

Citizenship: Libyan

Language: Arabic, English, Italian

Current residence and addresses: Abuharida Street, Tripoli Libya

Education:

2000-2005 Doctor of philosophy

University of Liverpool, Leahurst, Chester high road, Neston, CH64 7TE, UK

Thesis: zoonotic bacteria and antibiotic resistance in the GI tract of horses
<http://library.liv.ac.uk>

1990-1996 Bachelor of veterinary medicine, Faculty of veterinary medicine, University of Tripoli, Libya

Academic & Professional experience:

2007-Present Department of microbiology and parasitology, Faculty of veterinary medicine, University of Tripoli, Libya

2006- Researcher in zoonotic and nosocomial organisms-Libya
Biotechnology research centre, Tripoli, Libya

1996-1999 Private Vet-practitioner

Professional & Personalized Electronic Profiles:

PubMed: <http://www.ncbi.nlm.nih.gov/pubmed/?term=ahmed+mo+libya>

ResearchGate: https://www.researchgate.net/profile/Mohamed_Ahmed11

Google scholarship:

<https://scholar.google.com.ly/citations?user=70WDUrEAAAAJ&hl=en&oi=sra>

Academic and scientific writing:

www.yammer.com/uot.edu.ly/#/threads/inGroup?type=in_group&feedId=7702217&view=all

LinkedIn:

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Research Groups and Collaboration Programs

- **Libyan Study Group of COVID-19**

<https://www.researchgate.net/project/Libyan-Study-Group-of-COVID-19>

- **Dynamics of zoonotic organisms and antimicrobial resistance in human and animals in Libya**

<https://www.researchgate.net/project/Dynamics-of-zoonotic-organisms-and-antimicrobial-resistance-in-human-and-animals-in-Libya>

- **Bibliometrics and Scientometrics; LIBYA**

<https://www.researchgate.net/project/Bibliometrics-and-Scientometrics-LIBYA>

Publications

Aesha A. Othman, Murad A. Hiblu, Mohamed Salah Abbassi, Yousef M. Abouzeed and Mohamed O. Ahmed. Nasal colonization and antibiotic resistance patterns of *Staphylococcus* species isolated from healthy horses in Tripoli, Libya. J. Equine Sci. 32, 2, 61–65, 2021

Ahmed MO, Elramalli AK, Baptiste KE, Daw MA, Zorgani A, Brouwer E, Willems RJL, Top J. Whole Genome Sequence Analysis of the First Vancomycin-Resistant *Enterococcus faecium* Isolates from a Libyan Hospital in Tripoli. Microb Drug Resist. 2020 Mar 16.

Elnageh, H.R., Hiblu, M.A., Abbassi, M.S., Abouzeed, Y.M. and Ahmed, M.O. Prevalence and antimicrobial resistance of *Staphylococcus* species isolated from cats and dogs. *Open Vet. J.* 2020.10(4), 452-456.

Daw MA, El-Bouzedi AH, Ahmed MO. How are countries prepared to combat the COVID-19 pandemic during the armed conflict?; The case of Libya. Travel Med Infect Dis. 2021 Jan 21;40:101977.

Almshawt NF, Hiblu MA, Abid AS, Abbassi MS, Elkady AA, Abouzeed YM, Ahmed MO. Antimicrobial resistance among commensal enteric bacteria isolated from healthy cattle in Libya. PAMJ. One Health. 2020;1:3.

Daw MA, Zgheel FA, El-Bouzedi A, Ahmed MO. Spatiotemporal Distribution of Tuberculosis and COVID-19 during the COVID-19 Pandemic in Libya. Disaster Med Public Health Prep. 2020 Nov 19:1-12.

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Daw MA, Daw AM, Sifennasr NEM, Draha A, Daw A, Daw A, Ahmed M, Mokhtar E, El-Bouzedi A, Daw I, Adam S, Warrag S. The epidemiological characterization and geographic distribution of hepatitis D virus infection in Libya. Pan Afr Med J. 2020 Apr 14;35:120.

Daw MA, El-Bouzedi AH, Ahmed MO; In Association with Libyan Study Group of COVID-19. COVID-19 and African Immigrants in North Africa: A Hidden Pandemic in a Vulnerable Setting. Disaster Med Public Health Prep. 2020 Oct 19:1-2

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- Daw MA, Daw AM, Sifennasr NEM, Draha AM, Daw AA, Daw AA, Ahmed MO, Mokhtar ES, El-Bouzedi AH, Daw IM, Adam SI, Warrag S; In association with Libyan Study Group of Hepatitis & HIV. Spatiotemporal analysis and epidemiological characterization of the human immunodeficiency virus (HIV) in Libya within a twenty five year period: 1993-2017. *AIDS Res Ther*. 2019 Jun 25;16(1):14.
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- Ahmed MO, Elramalli AK, Baptiste KE. and Top J. Whole genome sequence analysis of the first vancomycin resistant *Enterococcus faecium* isolates from a hospital in Libya. Conference: The 5th International Conference on Enterococci, France. April 2018
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- Kieffer N, Ahmed MO, Elramalli AK, Daw MA, Poirel L, Álvarez R, Nordmann P. Colistin-resistant and carbapenemase producers in *Klebsiella spp.* and *Acinetobacter baumannii* in Tripoli, Libya. *Journal of Global Antimicrobial Resistance*.
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BOOK CHAPTERS

- Antibiotic Resistant Bacteria - A Continuous Challenge in the New Millennium. 2012. antibiotic resistance pattern in faecal *E.coli*: a cohort-control study of hospitalized horses. In Tech publisher ISBN 979-953-307-855-6
<http://www.intechopen.com/booksprocess/action/chapter/44389>
- Science and technology against microbial pathogens, research, development and evaluation. 2011 vancomycin resistant enterococci (VRE) in equine-faecal samples. World scientific publishing company ltd P357-362 ISBN-13:978-981-4354-85-1
http://eproceedings.worldscinet.com/9789814354868/9789814354868_0070.html

NEWSLETTERS

- RISK OF MICROBIAL DRUG RESISTANCE. **EQUINE SCIENCE UPDATE 2012**
www.equinescienceupdate.com/articles/mdr.html
- VANCOMYCIN RESISTANT ENTEROCOCCI IN EQUINE FAECES. **EQUINE SCIENCE UPDATE 2011** www.equinescienceupdate.com/articles/vreef.html
- ANTIBIOTIC RESISTANCE IN EQUINE FAECES. **EQUINE SCIENCE UPDATE 2010**
www.equinescienceupdate.co.uk/aref.htm

Postgraduate Students Supervision

Prevalence and antimicrobial resistance of enteric bacteria and *Staphylococcus* spp. from pet animals in Tripoli. By Hiam Elnageh (M.V. Sc 2020). Faculty of Veterinary Medicine, University of Tripoli, Libya.

Prevalence and characterization of antimicrobial resistance of indicator enteric bacteria from cattle in Libya. By Nariman Almshawt (M.V. Sc 2020). Faculty of Veterinary Medicine, University of Tripoli, Libya

Isolation and characterization of antimicrobial resistance of *Staphylococcus* species isolated from horses in Tripoli, Libya. BY Aeshah Abdulrzaq Othman. Faculty of Veterinary Medicine, University of Tripoli, Libya

Characterization and Antibiotic Resistance of Staphylococci Strains Isolated From Brack hospital in the Southern region of Libya. By Ghada M Alshaibani. Academy of Graduate Studies, Libya

Healthcare-associated bacteria in intensive care units (ICUs) from major Libyan hospitals in Tripoli-Libya. By Fatima Belgasem Madi. Academy of Graduate Studies, Libya

Seroprevalence of brucellosis in goats in Al-Shatii District in the southern region of Libya” By Wesal Mosa Enwais. University of Sebha.

PROCEEDINGS & CONFERENCES

- **5th International Conference on Enterococci, France ICE 2018**
Abstract title:: Whole genome sequence analysis of the first vancomycin resistant *Enterococcus faecium* isolates from a hospital in Libya
- **The Society for General Microbiology Annual Conference 2014 14-17 April 2014 Arena and Convention Centre, Liverpool, UK**
Abstract title: Phenotypic characterization of multidrug resistance patterns (MDR) among methicillin resistant *Staphylococcus aureus* (MRSA) from Libya
- **3rd International Meeting on Antimicrobial Peptides**
Abstract title: Cefoxitin mannitol salt agar for selective isolation of methicillin resistant *Staphylococcus aureus*
- **5th Agro-Libya & fishing exhibition-Tripoli international fair (TIF) Protection of life-stock and the prospect of development**
- **21st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID) 27th International Congress of Chemotherapy (ICC)**
Abstract title: Surveillance of nosocomial and community-acquired enteric pathogens shed in equine faeces and analysis of risk factors associated with antibiotic resistant *E. coli*
- **3rd International Conference on Drug Discovery & Therapy', Dubai,UAE**
Abstract title: Isolation and screening of methicillin-resistant *Staphylococcus aureus* from health care workers in Libyan hospitals.
- **I International Conference on Antimicrobial Research (ICAR2010) Valladolid (Spain)**

Abstract title: Vancomycin resistant enterococci (VRE) in equine-faecal samples

- **14th International Congress on Infectious Diseases (Only poster participation)**

Abstract title: Analysis of multidrug resistant (MDR) E.coli strains from equine faecal samples in NW England