

FACULTY PROFILE



Walid Alali, DVM, MS, PhD



- ◆ Associate Professor of Epidemiology
Department of Epidemiology and Biostatistics
Faculty of Public Health, Kuwait University

Email: walid.alali@hsc.edu.kw

Office: +(965) 2463-4393

Fax: + (965) 2263-6084

Professional Summary

Dr. Walid Alali is an Associate Professor of Epidemiology at the Department of Epidemiology & Biostatistics, Faculty of Public Health, Kuwait University (KU). His research interests are in the epidemiology of communicable and non-communicable diseases. Prior to joining KU in September 2018, Dr. Alali worked at United Arab Emirates University (Al Ain, UAE: 2017-2018) and Hamad bin Khalifa University (Qatar Foundation, Doha, Qatar: 2014-2017) as an Associate Professor and Graduate Coordinator. In the USA, he was an Associate Professor of epidemiology (with tenure) at the Center Food Safety, University of Georgia (2008-2015). Dr. Alali has published more than 45 peer-reviewed papers (23 as a senior author), 3 book chapters, and delivered over 35 invited talks (nationally and internationally). He collaborated with international and national organizations (WHO, PHAO, CDC, FDA, USDA) and academic institutions in many countries worldwide on scientific research and capacity building projects. Dr. Alali received multiple prestigious awards that recognized his research activities and leadership skills. He has taught, supervised and trained graduate and undergraduate students as well as international scientists in epidemiology and public health.

Education and Training

- D.V.M, Faculty of Veterinary Medicine, Jordan University of Science & Technology, Irbid, Jordan, 2000
- M.S., Epidemiology, Kansas State University, Manhattan, Kansas, USA, 2003
- Ph.D, Epidemiology, Texas A&M University, College Station, Texas, USA, 2007
- Post-doctorate Research Associate in Molecular Epidemiology, Texas A&M University and Ohio State University (2007-2008)

Research Interests and Projects

Dr. Alali's research interest has been focused on infectious disease epidemiology; particularly in the areas of zoonoses, and foodborne disease, and antimicrobial resistance. He is currently working on research projects focused on the epidemiology infectious diseases and non-communicable diseases in the Arabic Gulf region.

Selected Publications

[§]Corresponding author; *Graduate student's mentor

1. Eltai, N.O., Asmaa A. Al Thani, Marwan A Abu Madi, Ahmed Ismail, Emad Ibrahim, Hadi M. Yassine, **Walid Q. Alali**[§]. 2018. Prevalence of antibiotic resistant *Escherichia coli* isolates from fecal samples of food handlers in Qatar. *Antimicrobial Resistance & Infection Control*. 7:78.

2. Qiao J, **Alali WQ**, Liu J, Wang Y, Chen S, Cui S, Yang B. **2018**. Prevalence of Virulence Genes in Extended-Spectrum β -lactamases (ESBLs)-Producing *Salmonella* in Retail Raw Chicken in China. *J Food Sci.* 83(4):1048-1052.
3. Guran, H.S., D. Mann, **W.Q. Alali**[§]. **2017**. *Salmonella* prevalence associated with chicken parts with and without skin from retail establishments in Atlanta metropolitan area, Georgia. *Food Control.* 73: 462–467.
4. Li, K., S. Ye, **W.Q. Alali**, Y. Wang, X. Wang, X. Xia, B. Yang. **2017**. Antimicrobial susceptibility, virulence gene and pulsed-field gel electrophoresis profiles of *Salmonella enterica* serovar Typhimurium recovered from retail raw chickens, China. *Food Control.* 72: 36–42.
5. **Alali, W.Q.**[§], C. Celik, D. Wu, Y. Cui, H.S. Guran, D. Mann. **2016**. The relationship between *Salmonella* levels in chicken spleen and mechanically separated ground chicken. *Food Control.* 66: 250–255.
6. Peng, Y.* , X.Y. Deng, M.A. Harrison, and **W.Q. Alali**[§]. **2016**. *Salmonella* levels associated with turkey skin. *J. Food Prot.* 79 (5): 801-805.
7. Cui, Y.* , H.S. Guran, M.A. Harrison, C.L. Hofacre, **W.Q. Alali**[§]. **2015**. *Salmonella* levels in turkey neck skins, drumstick bones, and spleens in relation to ground turkey. *J. Food Prot.* 78 (11): 1945-53.
8. Jarquin, C., D. Alvarez, O. Morales, A.J. Morales, B. Lopez, P. Donado, M.F. Valencia, A. Arevalo, F. Munoz, I. Walls, M.P. Doyle, **W.Q. Alali**[§]. **2015**. *Salmonella* on raw poultry in retail markets in Guatemala: Levels, antibiotic susceptibility, and serovar distribution. *J. Food Prot.* 78 (9): 1642-1650.
9. Wu, D.* , **W. Q. Alali**[§], M. A. Harrison, C. L. Hofacre. **2014**. Prevalence of *Salmonella* in neck skin and bone of chickens. *J. Food Prot.* 77 (7): 1193–1197.
10. Yang, B., Y. Cui, C. shi, J. Wang, X. Xia, M. Xi, X. Wang, J. Meng, **W. Q. Alali**[§], I. Walls, M. P. Doyle. **2014**. Counts, serotypes, and antimicrobial resistance of *Salmonella* isolates on retail raw poultry in China. *J. Food Prot.* 77 (6): 894-902.
11. Ta, Y. T., T. T. Nguyen, P. B. To, D. X. Pham, H. T. H. Le, G.N. Thi, **W.Q. Alali**[§], I. Walls, M. P. Doyle. **2014**. Quantification, serovars, and antibiotic resistance of *Salmonella* isolated from retail raw chicken meat in Vietnam. *J. Food Prot.* 77 (1): 57-66.
12. Trimble, L. M.* , **W. Q. Alali**[§], K. E. Gibson, S. C. Ricke, P. Crandall, D. Jaroni, M. Berrang, M. Y. Habteselassie. **2013**. Prevalence and concentration of *Salmonella* and *Campylobacter* in the processing environment of small-scale pastured broiler farms. *Poul. Sci.* 92: 3060-3066.
13. **Alali, W. Q.**[§], D.W. Schaffner. **2013**. Relationship between *Listeria monocytogenes* and *Listeria* spp. in seafood processing plants. *J. Food Prot.* 76 (7):1279-1282.
14. **Alali, W. Q.**[§], C. L. Hofacre, G. F. Mathis, G. Faltys. **2013**. Effect of essential oil compound on shedding and colonization of *Salmonella enterica* serovar Heidelberg in broilers. *Poul. Sci.* 92:836-841.
15. Ta, Y. T., T. T. Nguyen, P. B. To, D. X. Pham, H. T. H. Le, **W.Q. Alali**[§], I. Walls, D. L. F. Wong, M. P. Doyle. **2012**. Prevalence of *Salmonella* on chicken carcasses from retail markets in Vietnam. *J. Food Prot.* 75(10):1851-1854.
16. **Alali, W. Q.**[§], R. Gaydashov, E. Petrova, A. Panin, O. Tugarinov, A. Kulikovskii, D. Mamleeva, I. Walls, Michael P. Doyle. **2012**. Prevalence of *Salmonella* on retail chicken meat in Russian Federation. *J. Food Prot.* 75(8):1469-1473.
17. Donado-Godoy, P., V. Clavijo, M. León, M. Tafur, M. Hume, **W. Q. Alali**[§], I. Walls, D. L. F. Wong, M. P. Doyle. **2012**. Prevalence of *Salmonella* in retail broiler chicken meat carcasses in Colombia. *J. Food Prot.* 75 (6):1134-113
18. Van Loo, E., **W. Q. Alali**, and S.C. Ricke. **2012**. Food safety and organic meats. *Annu. Rev. Food Sci. Technol.* 3: 203-25.

Professional Affiliations

- International Association for Food Protection (IAFP)
- Global Foodborne Infectious Network-World Health Organization (WHO-GFN).
- European Food Safety Authority (EFSA) EFSA’s Expert Database
- Association for Veterinary Epidemiology and Preventive Medicine (AVEPM)
- Member of Editorial Board for Peer-Reviewed Journals: *Journal of Food Protection* (2011-present), *Guest Associate Editor, Frontiers in Sustainable Food System-Agro Food Safety* (2018-2019), and *Guest Associate Editor, Frontiers in Microbiology* (2016-2017).