

CURRICULUM VITA

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EDUCATION

Ph.D. 2000. Department of Food Hygiene and Ecology, University of Veterinary Medicine, Kosice - Slovakia.

M.V.Sc. 1996. Department of Food Hygiene, Faculty of Veterinary Medicine, University of Tripoli.

B.V.Sc. 1991. Faculty of Veterinary Medicine, University of Tripoli.

EXPERIENCE

Since 2019 Professor, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

2015 - 2019. Associate Professor, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

2006 - 2015. Assistant Professor, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

2000 - 2006. Lecturer, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

1996 - 2000. Lecturer Assistant, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

1993 - 1996. Teaching Assistant, Department of Food Hygiene. Faculty of Veterinary Medicine. University of Tripoli, Tripoli – Libya.

DISSERTATION

Ph.D. (2000) Study on:

Status, Diagnosis and Elimination of *Escherichia coli* O157:H7 in Food

Under Supervision of: Prof. Rudolf Cabadaj

Department of Food Hygiene and Ecology, University of Veterinary Medicine and Pharmaceutical, Košice, Slovak Republic.

M.V.Sc. (1996) Study On:

Surface Contamination of Mutton Carcass in Tripoli Abattoirs

Under Supervision of: Prof. Fathi Kalafallah.

Department of Food Hygiene, Faculty of Veterinary Medicine, University of Tripoli, Tripoli-Libya.

POSITIONS

1. Head of Food Hygiene Department, University of Tripoli, Tripoli – Libya, May, 2021 till now.
2. Head of Food Hygiene Department, University of Tripoli, Tripoli – Libya, 2015 – 2019.
3. Graduate coordinator, Department of Food Hygiene, Faculty of Veterinary Medicine, University of Tripoli, since Sept. 2013 till 2022.
4. Head of Food Hygiene Department, University of Tripoli, Tripoli – Libya, 2013 - 2014.
5. Visiting Professor at Clemson University, Agriculture Collage, Department of Human Nutrition, and Packaging (Poultry Lab under supervision of Prof. Paul Dawson, 2011 - 2012)
6. Head of Food Hygiene Department, University of Tripoli, Tripoli – Libya, 2001 – 2008.

ACADEMIC WORK

Master Thesis Supervision:

1. *Enterococci* spp. in Meat and Meat Products in Libya. 2017.
2. *Bacillus cereus* in Meat and Meat products in Libya. 2018.
3. *Staphylococcus aureus* in Meat and Meat Products in Libya. 2018.
4. Prevalence of Antibiotic Resistant of *Vibrio* Species in Fresh Fish Sold in Tripoli Fish Markets, Libya. 2019.

MEMBERSHIPS

1. Head of research team Food Safety and Hygiene of Animal Origin Products, Center of Research and Consultation and Training, University of Tripoli – Libya.
2. Member in the research project entitled Genetic authentication of bacterial isolates from meat and milk products in Libya and establishing the Food-borne Libyan-type Bacterial Collection (FLBC). The project is funded by the National Agency for Scientific Research (NASR) – Libya. (<http://www.nasr.ly/nasr2012/>).
3. Member in the Libyan National Center for Standardization and Metrology (LNCSM).
4. Member of commission on the Status conditions and controls procedures for the import of chilled and frozen meat (under the decision of the Director of Food Control Center and medicines No. (210), 2007.
5. Member of committee to study and review the sanitary conditions for the importation of animals and products of animal origin. (Under the decision of the Secretary of the General People's Committee for Agriculture, Livestock and Marine No. (207), 2007.
6. Member of commission to put the health requirements for poultry slaughter and sell shops and means of transport (by decision of the/ Secretary of the People's Committee of Housing, Utilities and Environment No. (54), 06/19/2005.
7. Member of committee to study the proposal from the Faculty of Veterinary Medicine to create a modern slaughterhouse and integrated over regarded as one of the projects of youth lending programs and the shift of production. (Under the decision of the Secretary of the People's Committee of Tripoli No. (976), 7/8/2005.
8. Member of commission to prepare a comprehensive program for the control and eradication of *Salmonella gallinarum* disease in poultry. (Under the decision of the/Assistant Secretary for Production Affairs of the General People's Committee No. (368), 2002.

9. Member of subcommittee specialized in meat and meat products. (Under the decision of the Secretary of the People's Committee of the National Center for Specifications and Standards No. (75), 2002.
10. Member of national committee for international food standards (Codex). (Under the decision of the Secretary of the People's Committee of the National Authority for Scientific Research No. (171), 2001.

TRAINING PROGRAMS:

1. Workshop under the supervision of the regional office for the Food and Agriculture Organization (FAO) entitled (risk analysis in the field of food) in cooperation with the National Center for Standardization and standards. Tripoli, 12-13/2/2006.
2. Training course of Chemical Analysis by using High Performance Liquid Chromatography (HPLC) (using and applications). University of Tripoli, Faculty of Veterinary Medicine. 28.5 - 3.6.2014.

PUBLICATIONS:

Scientific Journals:

1. Salah M Azwai, Samira A Farag, Aboubaker M Garbaj, Jihan A Sherif, Aml F Lawila, Hanan L Eshamah, Fatim T Gammoudi, **Hesham T Naas** and Ibrahim M Eldaghayes. (2022) Survival and Viability of *Cronobacter sakazakii* and *Cronobacter pulveris* in Reconstituted Infant Milk Formula at Various Storage Temperatures. *EC Microbiology* 18.11 (2022): 20-29. <https://ecronicon.org/assets/ecmi/pdf/ECMI-18-01273.pdf>
2. Garbaj AM, Gawella TBB, Sherif JA, **Naas HT**, Eshamah HL, Azwai SM, Gammoudi FT, Abolghait SK, Moawad AA, Barbieri I, Eldaghayes IM (2022) Occurrence and antibiogram of multidrug-resistant *Salmonella enterica* isolated from dairy products in Libya, *Veterinary World*, 15(5): 1185-1191. doi: www.doi.org/10.14202/vetworld.
3. Abodaia, E. R., Eshamah, H. L. and **Naas H. T.** (2020). Prevalence of Antibiotic Resistant *Vibrio* spp. in Finfish Sold in Tripoli Fish Markets, Libya. *The North African Journal of Food and Nutrition Research*. July – December, 04(08), 309-317. doi:10.5281/zenodo.4294173
4. Hanan L. Eshamah, **Hesham T. Naas**, Aboubaker M. Garbaj, Salah M. Azwai, Fatim T. Gammoudi, Ilaria Barbieri and Ibrahim M. Eldaghayes (2020). Extent of pathogenic and spoilage microorganisms in whole muscle meat, meat products and seafood sold in Libyan market. *Open Veterinary Journal*. 10(3): 276 – 288. doi:10.4314/ovj.v10i3.6.
5. **Hesham T. Naas**, Ramadan A. Edarhoby, Aboubaker M. Garbaj, Salah M. Azwai, Said K. Abolghait, Fatim T. Gammoudi, Ashraf A. Moawad, Ilaria Barbieri and Ibrahim M. Eldaghayes (2019). Occurrence, characterization, and antibiogram of *Staphylococcus aureus* in meat, meat products, and some seafood from Libyan retail markets. *Veterinary World*. 12 (6): 925-931. Available at: www.veterinaryworld.org/vol.12/june-2019/30.pdf. doi: 10.14202/vetworld.2019.925-931.
6. **Hesham T. Naas**, Mohamed M. Zurgani, Aboubaker M. Garbaj, Salah M. Azwai, Hanan L. Eshamah, Fatim T. Gammoudi, Said K Abolghait, Ashraf A Moawad, Ilaria Barbieri, Ibrahim Eldaghayes (2018) *Bacillus cereus* as an emerging public health concern in Libya: Isolation and antibiogram from food of animal origin. *Libyan Journal of Medical Science*. 2: 56-61. Available at: www.ljmsonline.com. doi:10.4103/LJMS.LJMS_5_18.
7. **Hesham, T. Naas**, Hanan, L. Eshamah, Fathi, A. Tabal, Gehan, A. Elsharif, Salem, F. Abureema (2017) Prevalence of *Listeria* spp. among Dairy, Meat and their Products Marketed in Tripoli, Libya. *International Journal of life Sciences research*. Vol. 5, Issue 4, pp: (19-25), Month: October - December 2017. Available at: www.researchpublish.com. ISSN: 2348-3148 (Online).
8. Aboubaker M Garbaj, Said K Abolghait, Aml Lawila, Salah M Azwai, **Hesham T Naas**, Ashraf A Moawad, Fatim T. Gammoudi, Ilaria Barbieri, Salem Abureema and Ibrahim Eldaghayes (2017) Molecular Identification, Prevalence and Antimicrobial Susceptibility Profile of *Cronobacter* spp. Cultivated on a Chromogenic Medium in Libya. *Journal of Molecular*

Microbiology. Vol. 1 No. 1: 9. **Available at:** <http://imedpub.com/journal-molecular-microbiology/>

9. **Hesham T. Naas**, Zaid Almajdoubi, Aboubacker M. Garbaj, Salah M. Azwai, Fatim T. Gammoudi, Said K. Abolghait, Ashraf A. Moawad, Ilaria Barbieri, Hanan L. Eshamah and Ibrahim M Eldaghayes, I. M. (2017). Molecular Identification and Antibiogram of *Enterococcus* spp. Isolated on Enterococcus Selective Differential (ESD) Media from Meat, Meat Products and Seafood in Libya. Journal of Microbiology, Biotechnology and Food Sciences (JMBFS). **doi:**10.15414/jmbfs.2017-6.6.1264-1268.
10. Aboubaker M. Garbaj, Enas M. Awad, Salah M Azwai, Said K. Abolghait, **Hesham T. Naas**, Ashraf A. Moawad, Fatim T. Gammoudi, Ilaria Barbieri and Ibrahim M. Eldaghayes (2016). Enterohemorrhagic *Escherichia coli* O157 in milk and dairy products from Libya: Isolation and molecular identification by partial sequencing of 16S rDNA. Veterinary World, EISSN: 2231-0916, Vol. 9(3):1184-1189. **Available at:** www.veterinaryworld.org/vol.9/November-2016/3.pdf.
11. Rabia Alghazeer, Abdulla Elmansori, Moammer Sidati, Ftaim Gammoudi, Salah Azwai, **Hesham Naas**, Aboubaker Garbaj, Ibrahim Eldaghayes (2017). In Vitro Antibacterial Activity of Flavonoid Extracts of Two Selected Libyan Algae against Multi-Drug Resistant Bacteria Isolated from Food Products. Journal of Biosciences and Medicines, 5, 26-48. **doi:**10.4236/jbm.2017.51003.
12. S.M. Azwai, E.A. Alfallani, S.K. Abolghait, A.M. Garbaj, **H.T. Naas**, A.A. Moawad, F.T. Gammoudi, H.M. Rayes, I. Barbieri and I.M. Eldaghayes, (2016). Isolation and molecular identification of *Vibrio* spp. by sequencing of 16S rDNA from seafood, meat and meat products in Libya. Open Veterinary Journal. Vol. 6(1): 36-43. Available at: www.openveterinaryjournal.com. **doi:** 10.4314/ovj.v6i1.6.
13. Eshamah, H., Han, I., **Naas, H.**, Rieck, J., Acton, J., Dawson, P. (2014). Antibacterial Effects of Natural Tenderizing Enzymes on Different Strains of *Escherichia coli* O157:H7 and *Listeria monocytogenes* on beef. Meat Sci. 96(4), 1494-1500. **doi:** 10.1016/j.meatsci.2013.12.010.
14. **Hesham Naas**, Rose Martinez-Dawson, Inyee Han, and Paul Dawson (2013). Effect of combining nisin with modified atmosphere packaging on inhibition of *Listeria monocytogenes* in ready-to-eat turkey bologna. Poultry Science, 92:1930–1935. <http://dx.doi.org/10.3382/ps.2012-02141>.
15. Hanan Eshamah, Inyee Han, **Hesham Naas**, James Rieck and Paul Dawson (2013). Bactericidal Effects of Natural Tenderizing Enzymes on *Escherichia coli* and *Listeria monocytogenes*. Journal of Food Research. 2, (1): 8 – 18. **doi:**10.5539/jfr.v2n1p8.
16. Garabaj, A. M.; Moawad, A. A.; Abolghait, S. K.; El-Gammudi, F. T.; **Naas, H. T.** and Arbad, Z. (2010). Chemical and microbial quality of Ultra Heat Treated milks locally manufactured and imported in Libyan markets. L.V.M.J. 1(1):191-205.
17. **Naas, H. T;** Garabaj, A. M.; Moawad, A. A.; Eshamah, H. L. and Abolghait, S. K. (2009). Microbial status of fresh beef burger sold in Tripoli. J. Egypt. Acad. Soc. Environ. Develop. 10 (2):139-144.
18. **Naas, H. T;** Garbaj, A. M.; Moawad, A. A.; Eshamah, H. L. and Abolghait, S. K. (2009) Microbial status of fresh beef sausage sold in Tripoli. S.C.V.M.J. 2:111-118.
19. **Naas, H.T.**, Gammoudi, F. T., Garbaj, M. A, Azwai, S.M. and Moawad, A. A. (2007). Comparison between two Different conventional methods for coliform count in raw milk and locally made soft cheese in Tripoli-Libya. Benha Vet. Med. J., 18: No. 1.
20. Garbaj, M.A., **Naas. H. T.**, Gammoudi, F. T. and Moawad, A. A. (2007). Bacteriological quality of Mozzarella cheese sold in Tripoli Governorate. Bs. Vet. Med. J. 17: 99-104.
21. Garbaj, M. A., **Naas, H. T.**, Azwai, S. M., and Gammoudi, F. T. (2007). Incidence of Staphylococci with special reference to *Staphylococcus aureus* in two types of locally processed soft cheese in Tripoli - Libya. Benha Vet. Med. J., 18: No. 1.
22. Beličková, E., Tkáčiková, P., **Naas, H. T.**, Vargová, M, Ondrašovič, M., Ondrašovičová, O., Obšitniková, D., Tóth, L. (2001) Staphylococci plate counts in foods of milk origin. Vet. Med. Czech. 46 (1):24 – 27.

23. Beličková, E., Tkáčiková, P., Obšitníková, D., **Naas, H. T.**, Vargová, M., Ondrašovičová, O., Ondrašovič, M., Tóth, L. (2000). The Ecology of Staphylococci in Raw and Heat-treated Cow's Milk. *Folia Veterinaria*. 44 (4): 211 – 214.
24. Pilipčinec, E., Tkáčiková, P., **Naas, H. T.**, Cabadaj, R., Mikula, I. (1999). Isolation of Verotoxigenic *Escherichia coli* O157 from Poultry. *Folia Microbiol.*

Scientific Conferences:

1. Eshamah, H., Han, I., **Naas, H.**, Rieck, J., Dawson, P. (2013). Antimicrobial Effects of Natural Tenderizing Enzymes on Different Strains of *Escherichia coli* O157:H7 and *Listeria monocytogenes* on beef. Graduate School Symposium Poster. April 11, 2013. Clemson University, Clemson, South Carolina, USA
2. **Naas, H.**, Han, I., Martinez-Dawson, R., Dawson, P. (2012). Effect of Nisin and MAP on Inhibiting *Listeria monocytogenes* in Turkey Bologna. P. 458. American Poultry Association Abstract. P: 155. Athens, Georgia State, USA.
3. Milad, K. K., Abdul-Ridha, G. S., and **Naas, H. T.** (2005). Treatment trails of cheesy gland (Caseous lymphadenitis) in sheep and goats. Proceedings of Almagarbi Conference of Veterinary Medicine XXII. 18 – 19/ April. Tripoli – Libya.
4. Pilipčinec, E., Tkáčiková, P., **Naas, H. T.**, Cabadaj, R., Mikula, I. (1999). Infekcie ľudi Zpotravín živočíšneho pôvodu. VII. Epidemiologické dne. Inštitút vzdelávania veterinárnych lekárov. Košice, 16–18 jún, Slovak Republic.
5. Tkáčiková, P., Toth, L., **Naas, H. T.**, Mikula, I. (1998). The Occurrence of *E. coli* O157:H7 in Milk Samples from Dairies in the East Slovakian Region. Proceedings of Hygiene Alimentorum XIX, 26-28 October, Košice- Slovak Republic.
6. Tkáčiková, P., Pilipčinec, E., Cabadaj, R., **Naas, H. T.**, Mikula, I. (1998). Diagnostic Methods, and Procedures for Isolation and Identification of *Escherichia coli* O157:H7. Proceedings of International Conference Ecology and Veterinary Medicine IV in the honor of memory of Prof. DVM. J. Rosocha, Ph.D. 13–16 May, Košice- Slovak Republic.
7. Tkáčiková, P., Pilipčinec, E., Cabadaj, R., **Naas, H. T.**, Mikula, I. (1998). *Escherichia coli* O157:H7- Causative Agent of Haemorrhagic Colitis. Proceedings of the symposium dedicated to the memory of the academician Milan Praslička and 35th foundation anniversary of faculty of science, Pavol Jozef šafárik`s university, 28 May, Košice- Slovak Republic.
8. Tkáčiková, P., **Naas, H. T.**, Pilipčinec, E., Cabadaj, R., Toth, L., Mikula, I. (1999). Diagnostika *Escherichia coli* O157: H7. *Slov. Vet. Čas.*, 24: 2, 98 – 101.
9. Tkáčiková, P., **Naas, H. T.**, Pilipčinec, E., Cabadaj, R., Mikula, I. (1998). Differential Diagnostic of Enterohaemorrhagic *Escherichia coli* O157:H7. 21st Congress of the Czechoslovak Society for Microbiology with international participation, Commemorating the 70th anniversary of the Czechoslovak Society for Microbiology and the 650th anniversary of Charles University, 6–10 September, Hradec králové, Czech Republic.
10. Tkáčiková, P., Mikula, I., Cabadaj, R., **Naas, H. T.** (1998). *E. coli* O157:H7- Cattle commensals - Human Pathogen. Proceedings of Inter-national Conference organized on Occasion of Forthcoming 50. Anniversary of the UVM Foundation. 15–16 October, Košice- Slovak Republic.
11. Dudrikova, E., Pilipčinec, E., Burdová, O., **Naas, H. T.** (1998). The Possibility of Isolation Enterotoxigenic Staphylococci in Cow's milk. 21st Congress of the Czechoslovak Society for Microbiology with international participation, Commemorating the 70th anniversary of the Czechoslovak Society for Microbiology and the 650th anniversary of Charles University, 6–10 September, Hradec králové, Czech Republic.

12. Dudrikova, E., Naas, H. T., Pilipčinec, E., Burdová, O. (1998). Staphylococci as Environment Contaminants in Raw Cow's Milk Production. Proceedings of International Conference Ecology and Veterinary Medicine IV in the honor of memory of Prof. DVM. J. Rosocha, PhD. 13–16 May, Košice- Slovak Republic.
13. Naas, H. T., Tkáčiková, P., Cabadaj, R., Mikula, I., Pilipčinec, E. (1998). Diagnostic Methods Used for Detection of *E. coli* O157 (VTEC) from Foods. Proceedings of Hygiene Alimentorum XIX, 26 - 28 October, Košice- Slovak Republic.
14. Naas, H. T., Tkáčiková, P., Cabadaj, R., Mikula, I. (1998). The Effect of Temperature and pH on the Survival of *E. coli* O157:H7 in Ground Beef Meat. Proceedings of Hygiene Alimentorum XIX, 26- 28 October, Košice- Slovak Republic.
15. Naas, H. T., Pilipčinec, E., Tkáčiková, P., Cabadaj, R., Mikula, I. (1998). Recovery of Verotoxigenic *E. coli* O157 from Poultry Excrements. 21st Congress of the Czechoslovak Society for Microbiology with International Participation, Commemorating the 70th anniversary of the Czechoslovak Society for Microbiology and the 650th anniversary of Charles University, 6–10 September, Hradec králové, Czech Republic.
16. Naas, H. T., Pilipčinec, E., Tkáčiková, P., Cabadaj, R., Mikula, I. (1998). Does Poultry Contaminate Environment with Enterohaemorrhagic *Escherichia coli* O157:H7? Proceedings of International Conference Ecology and Veterinary Medicine IV in the honor of memory of Prof. DVM. J. Rosocha, PhD. 13 – 16 May, Košice- Slovak Republic.
17. Naas, H. T., and Cabadaj, R. (1997). Enterohaemorrhagic *Escherichia coli* serotype O157: H7. Proceedings of Hygiene Alimentorum XVII, 22- 24 September, Košice- Slovak Republic.

Published Books or Chapters

1. النعاس، ه. ط. و سعد، ي. أ. (2008). المبادئ الأساسية لصحة اللحوم. منشورات الهيئة الوطنية للبحث العلمي. طرابلس – ليبيا. ردمك: 978-9959-54-017-1.