

Curriculum Vitae



Aboubaker Mohamed Garbaj

Date and place of birth: 1962, Tripoli - Libya.

Marital status: married.

Address: Faculty of Veterinary Medicine, University of Tripoli , 13662.

Current position: Professor of Food Hygiene and Control.

Faculty of Veterinary Medicine, University of Tripoli.

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EDUCATIONS

Ph.D. 2004. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, Cairo University.

M.V.Sc. 1991. Department of Food Hygiene and Control , Faculty of Veterinary Medicine, University of Tripoli.

B.V.Sc. 1988. Faculty of Veterinary Medicine, University of Tripoli.

EXPERIENCES

2015 - until now: Professor. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli - Libya.

2011 - 2015: Associate Professor. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli - Libya.

2007 - 2011: Assistant Professor. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli - Libya.

1997 - 2007: Lecturer. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli -Libya.

1992 - 1997: Assistant Lecturer. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli - Libya.

1989 - 1992: Teaching Assistant. Department of Food Hygiene and Control, Faculty of Veterinary Medicine, University of Tripoli, Tripoli - Libya.

Dissertations:

Ph.D. (2004)

***DAIRY PRODUCTS AS A RISK FACTOR FOR FOOD - POISONING
ORGANISMS WITH SPECIAL REFERENCE TO NEWLY EMERGING
ONES.***

Under supervision of: Prof. ADEL M. SAUDI & Prof. MOHAMADY A.
HALAWA

Department of Food Hygiene and Control, Faculty of Veterinary Medicine,
Cairo University

M.V.Sc. (1991)

***MICROBIAL AND CHEMICAL MONITORING OF FLUID MILK
AS INDICES FOR SANITARY QUALITY.***

Under supervision of: Prof. ABBAS A. AHMED, Prof. MAGDY S.
ELSAYED & Prof. HUSSEIN M. ELRAYES.

Department of Food Hygiene and Control, Faculty of Veterinary Medicine,
University of Tripoli

Administrative positions:

1. Head of Food Hygiene and Control Department, University of Tripoli,
Tripoli - Libya, (2022- untill now),
2. Dean, Faculty of Veterinary Medicine, University of Tripoli,
2017 - 2021 .
3. Vice Dean, Faculty of Veterinary Medicine, University of Tripoli,
2015 - 2017.
4. Head of Food Hygiene and Control Department, University of Tripoli,
Tripoli - Libya, (1995-2000), (2008-2013) and(2014 -2017).
5. Graduate studies coordinator, Department of Food Hygiene and
Control, Faculty of Veterinary Medicine, University of Tripoli,
(2010-2013).
6. President of examinations committee (2004-2007) (2015 -2017).
7. Registrar of the Faculty of Veterinary Medicine, Tripoli University,
1996.
8. Founder member and cashier of Libyan Society of Veterinary
Medicine1996.

Scientific activities:

1. Member of the scientific committee in El-Maghariby Veterinary Medicine 10th conference. October 12-15, 1992, Tripoli, Libya.
2. Participation in food and fodder 3rd conference. February 15-18, 1993, Amman, Jordan.
3. Participation in El-MagharibVeterinary Medicine 13th conference. May, 8-10, 1996, Algeria.
4. Member of the preparation committee of the 1st scientific conference of the Libyan society of Veterinary Medicine. October 2-3, 1996, Tripoli, Libya.
5. Member of the stander specification of imported meat and milk products in the Libyan National Centre of Animal Health and Breeds Improvement (2007- 2011).
6. 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 (LARST) 2010.

7. Member of the stander specification of milk and milk products committee in Libyan National Centre for Standardization and Metrology (LNCSM) .
8. Chief of the stander specification of milk and milk products committee in Libyan National Centre for Standardization and Metrology (LNCSM) (1/8/2013 - 30/9/2013).
9. President of the scientific committee in Libyan animal welfare society symposium. January, 2012.
10. Participation in Dubai International Food Safety conference. Feb, 21-22, 2012, Dubai, UAE.
11. Attendance of a training course in Decisions Making & Problem Solving. Research, Consulting and Training Center, University of Tripoli. May,23-25,2016.

Academic work

Master Thesis Supervision:

1. Enterohaemorrhagic *Escherichia coli* in Milk and Dairy Products in Libya.**2014.**
2. *Cronobacter sakazakii* in Milk and Some Milk Products in Libya.**2017.**
3. *Salmonella* in Milk and Milk Products in Libya.**2018.**
4. Survival and Thermotolerance of *Cronobacter* Species Isolated from Food of Animal Origin from Libya.**2021.**

Personal skill

Languages: Arabic and English.

Computer skill: Word, Power point, Internet.

List of publications:

1. **Garbaj, A.M. (1992):** Chemical quality of fluid milks marketed in Tripoli. Libyan Vet. Med. J., 1: 3-11.
2. **Garbaj, A.M. (1992):** Sanitary status of pasteurized milk in Tripoli city. The 10th Maghrib Veterinary Conference. Oct. 12-15,1992 Tripoli – Libya.
3. **Garbaj, A.M.(1996):** Bacteriological quality of raw milk in Tripoli city. The 13th Maghrib Veterinary Conference. May 8-10, 1996 Algeria.
4. **Elsherbini, M. , El. Gaml, A. and Garbaj, A.M. (1997):** Application of the lactoperoxidase system for preserving farm milk produced at different temperatures in Libya. The 14th Maghrib Veterinary Conference. May 6-8, 1997 Tripoli – Libya.
5. **Elsherbini, M., Al-Agili, S. and Garbaj, A. M. (1998):** Isolation of listerias from milk and abortion cases in women. Eastern Mediterranean Health J. 4: No.3.
6. **Garbaj, A.M., Naas, H. T., Azwai, S. M. and Gammoudi, F. T. (2007):** Incidence of Staphylococci with special reference to *Staphylococcus aureus* in tow types of locally processed soft cheese in Tripoli-Libya. Benha Vet. Med. J., 18: No. 1.

7. **Garbaj, A.M., 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.
8. *Naas, H.T, Gammoudi, F. T., Garbaj, A.M., 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.
9. *Naas, H. T; Garabaj, A. M.; Moawad, A. A.;Eshamah,H.L.and Abolghait, S. K. (2009):* Microbial status of fresh beef sausage sold in Tripoli. *SCVMJ* 2:111-118.
10. *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.
11. **Garbaj, 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. *LVMJ.* 1(1):191-205.
12. *Abolghait, S. K.; Garbaj, A. M. and Moawad, A. A. (2011):* Raw cow's milk relatively inhibits quorum sensing activity of *Cromobacterium violaceum* in comparison to raw she-camel's milk. *Open Veterinary Journal.* 1:35-38.

13. Moawad, A. A.; **Garbaj, A. M.**; Abolghait, S. K.; and El-Gammudi, F. T. **(2013)**: Fermented Raw Milk “Laban” in Libyan Markets: Microbial Quality and Health Point of View, *International Journal of Veterinary and Animal Science (Accepted in WASET "World Academy of Science, Engineering and Technology" , ICASVM, 2013, RiodeJaneiro, Brazil from 14 - 15 March, 2013)*
14. Abolghait, S. K.; Mohamed,M. F.; Aly, S.M. ; **Garbaj, A. M.** and Moawad, A. A. **(2013)**: Attenuated virulence of pigment-producing mutant of *Aeromonas veronii* bv. sobria in HeLa cells and Nile tilapia (*Oreochromis niloticus*). *International Journal of Veterinary Science and Medicine*. Volume 1, Issue 1, June 2013, Pages 43–47.
15. **Garbaj, A.M.**; El-Gammudi,F.T ; Eshamah,H. L.; S. F. Abureema; S. F. and S. K. Abolghait; S. K.**(2015)**: Bacteriological Quality of Infant Milk Formula in Tripoli City, Libya. *Libyan Journal of Veterinary and Medical Sciences*. Volume 1, Issue 1, Jan 2015, Pages 11–15.
16. Abolghait, S. K.; **Garbaj, A.M.**; El-Gammudi,F.T ; Eshamah,H. L.; Abureema, S. F. and Moawad, A. A.**(2015)**: Microbial Food Safety Challenges of Traditional Foods (Gueddid and Lben) of Libya. *Libyan Journal of Veterinary and Medical Sciences*. Volume 1, Issue 1, Jan 2015, Pages 1-6.
17. Abolghait, S. K. and **Garbaj, A.M.****(2015)**: Determination of cadmium, lead, mercury residual levels in meat of canned tuna (*Katsuwonus pelamis* and *Thunnus albacares*) and fresh little tunny (*Euthynnus alletteratus*) in Libya. *Open Veterinary Journal*. Volume 5, Issue 2, 2015, Pages 130-137.

18. Azwai, S.M, Alfallani, E.A., Abolghait, S.K., **Garbaj, A.M**, Naas, H.T., Moawad, A.A. , Gammoudi, F.T., Rayes, H.M., Barbieri, I. and Eldaghayes,I.M. **(2016):** Isolation and molecular identification of *Vibrio* spp. by sequencing of 16S rDNA from seafood, meat and meat products in Libya. Open Veterinary Journal. Volume 6, Issue 1, 2016, Pages 36-43.
19. Elmajdoub, A., **Garbaj ,A.M.**, Abolghait ,S.K., El-Mahmoudy, A.**(2016):** Evaluation of boldenone as a growth promoter in broilers: safety and meat quality aspects. Journal of Food and Drug Analysis. Volume 24, Issue 2, April 2016, 284-292.
20. **Garbaj, A.M**, Awad, E. M., Azwai,S.M., Abolghait, S. K., Naas, H. T., Moawad, A. A., El-Gammudi, F. T., Barbieri,.,I. and Eldaghayes ,I. M. **(2016):** Enterohemorrhagic *Escherichia coli* O157 in milk and dairy products from Libya: Isolation and molecular identification by partial sequencing of 16S rDNA. Veterinary World, 9(11): 1184-1189.
21. Alghazeer,R., Elmansori,A., Sidati,M., **Garbaj, A.M**, Azwai,S.M., Naas, H. T., El-Gammudi, F. T., and Eldaghayes, I. M. **(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.
22. Naas, H. T., Almajdoubi,Z., **Garbaj, A.M.**, Azwai,S.M., El-Gammudi, F. T., Abolghait, S. K., Moawad, A. A., Barbieri,.,I., Eshamah, H. L. and 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 , 6 (6) 1264-1268.

23. **Garbaj, A.M.**, Abolghait, S. K, Lawila ,A.F., Azwai,S.M., Naas, H. T., Moawad, A. A., El-Gammudi, F. T., Barbieri,.I., Abureema,S. and Eldaghayes, I. M. (2017): Molecular identification , prevalence and antimicrobial susceptibility profile of Cronobacter spp. cultivated on a Chromogenic Medium in Libya. Journal of Molecular Microbiology, (1)1-9.
24. Naas, H. T., Zurghani M. M. , **Garbaj, A.M.**, Azwai,S.M., Eshamah,H. L., El-Gammudi, F. T., Abolghait, S. K, Moawad, A. A., Barbieri,.I., Eldaghayes, I. M. (2018): *Bacillus cereus* as an emerging public health concern in Libya: Isolation and antibiogram from food of animal origin. Libyan Journal of Medical Sciences, 2(2) 56-61.
25. Naas, H. T., R. A. Edarhoby R. A., **Garbaj, A.M.**, Azwai,S.M., Abolghait, S. K., El-Gammudi, F. T., Moawad, A. A., Barbieri,.I., Eldaghayes, I. M.(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.
26. Eshamah, H. L., Naas, H.T. , **Garbaj, A.M.** , S.M. Azwai ,S.M. , El-Gammudi, F. T., Barbieri,.I. and Eldaghayes, I. M.(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.
27. Rabia Alghazeer, Salah Azwai,**Aboubaker M. Garbaj**, Amr Amr, Sana Elghmasi, Maammar Sidati, Ervia Yudiati, Mahasn, Kubbat, Areej, A. Eskandrani, Ghalia Shamlan, Wafa S. Alansari (2021): Alkaloids Rich Extracts from Brown Algae Against Multidrug-Resistant Bacteria by Distinctive Mode of Action. Arabian Journal for Science and Engineering, <https://doi.org/10.1007/s13369-021-05592-w>.

28. 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 Cronoabacer pulveris in Reconstituted Infant Milk Formula at Various Storage Temperatures. EC microbiology, 18.11(2022): 20-29.