

 <p>Faculty Veterinary Medicine</p>	<div style="border: 1px solid black; padding: 10px; display: inline-block;"> <p>وحدة ضمان الجودة</p> </div>	 <p>Cairo University</p>
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Curriculum Vitae	
Personal Information:	
Name	Salwa Ahmed Mohamed Aly
Title	Professor of Milk Hygiene and control
Date of birth	10/7/1966
	
Contact Information:	
Home phone	002-02-36972025
Mobile phone	002-01001568084 002-01097470475
E.mail (s)	salwaaly@cu.edu.eg salwaaly@hotmail.com
ID Number : 26607100100142	
Web site (s)	http://salwaaly/scholar.cu.eg ORCID No.: https://orcid.org/0000-0002-7945-5387
Educational Qualifications:	
Ph. D., Milk hygiene and control , Faculty of Veterinary Medicine, Cairo University, Hannover University (CHANNEL SYSTEM) 1999. Thesis Title: Studies on Mycotoxins in milk and some milk products.	
M. V.Sc., Department of Food Hygiene and Control- Milk Hygiene and Control, Faculty of Veterinary Medicine, Cairo University, 1992 Thesis Title: Studies on Aerobic spore formers in raw and heat treated milks.	
B. V.Sc., Department of food hygiene and control, Faculty of Veterinary Medicine, Cairo University, 1988	
Academic Positions:	
Professor of milk hygiene and control, Dep. of Food hygiene and control, Fac. of Vet. Med., Cairo Univ., 2009 till now .	
Assistant Professor of Milk hygiene and control- Dep. of Food hygiene and control, Fac. of Vet. Med., Cairo Univ.,	



Faculty Veterinary Medicine

وحدة ضمان الجودة



Cairo University

2004

Lecturer of Milk hygiene and control- Dep. of Food Hygiene and control, Fac. of Vet. Med., Cairo Univ., 1999

Ass. Lecturer of Milk hygiene and control, Dep. of food hygiene and control, Fac. of Vet. Med., Cairo Univ., 1993

Demonstrator of Milk hygiene and control, Dep. of Food hygiene and control, Fac. of Vet. Med., Cairo Univ., 1988

Administrative positions:

Demonstrator at Institute for microbiology – Hannover University, Germany 1996-1998.

Areas of Scientific experience:

1. Microbiology of Food of animal origin, milk and milk products, fats and oil and egg.
2. Analysis of food of animal origin, milk and its products, fats and oils and egg.
3. Mycology and Mycotoxin detection, determination and qualification of food of animal origin, milk and its products and egg.
4. HACCP and management system application in dairy plant.

Projects:

The antibreast cancer effect of feeding dairy products , rich in conjugated linoleic acid (CLA) in the prevention of breast cancer in female subjects 2017-2021.

List of publications:

1. **Salwa A. Aly, Saad, M. and Adam, A. (2021).** Microbial quality and safety investigation of selected dairy products with special focus on toxigenic genes of *Bacillus cereus*. Journal for dairy production and processing improvement 12 (6) 1145-1150.
2. **Salwa A. Aly, Saad, M. and Adam, A. (2021).** Occurrence of Aflatoxin M₁ in Cheese and Yoghurt Marketed at El-Fayoum Province, Egypt. International J. Dairy Sci. 26 (3) 350-359.
3. **Abdelrahman et al., (2021).** Anticancer activity of milk fat rich in conjugated linoleic acid (CLA) against Ehrlich ascites carcinomy (EAC) cells in femaile Swiss albino mice. Veterinary World 14 (3) 696-708. Available at www.veterinary world.com/vol 14/March 2021/20pdf open access.
4. **Eman, M. Taher, Hemmatzadeh, M. Khazandi, D. Trott, Salwa A. Aly , H.A. Eleswy and K. Petroveski (2020).** Molecular characterization of AMR genes on farm and commercial mvol 14ilk with emphasis on the effect of currently practiced heat treatments on the VBNC formation. Journal of



Faculty Veterinary Medicine

وحدة ضمان الجودة



Cairo University

dairy science 44 (6) 202-211.

5. **Eman, M. Taher, Hemmatzadeh, M. Khazandi, D. Trott, Salwa A. Aly , H.A. Eleswy and K. Petroveski. (2020).** Survival of Staphylococci and their antimicrobial resistance genes in milk after heat treatments. *Journal food technology* 48(1) 20-29.
6. **Eman M. Taher, El-Essawy, H.A. , Saudi A.M. and Salwa A. Aly (2018).** Fatty Acid Profile of Some Fat Rich Foods with Special Reference to their Trans Fatty Acids Content. *INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND CHEMICAL SCIENCES* Vol. 7 (2) . 32-37 (2018).
7. **Sallam, S. S., Salwa A. Aly and Al Banna A. (2016).** Occurrence of *Escherichia coli* and coliforms in processed cheese. *International Journal of Chem. Tech. Research* Vol.9, No.12 pp 313-319.
8. **Amany M. Ali, Attiah, S.A. and Salwa A. Aly (2015).** Incidence of *Yersinia Enterocolitica* in milk and some milk products. *International Journal of Science and Nature (I.J.A.B.R)* VOL. 5 (4) 2015: 285-288.
9. **Saad, M.F., Eman, F. Abdel-Latif and Salwa, A. Aly (2015).** Occurrence of Aflatoxin M1 in Milk of Desert Animals. *Advances in Environmental Biology*, 9 (11) : 74-78.
10. **Salwa A. Aly and Nemat A. Hassan (2014).** Safety and quality of some imported milk powder sold in the Egyptian markets. *International Journal of Science and Nature* volume 15 (3)399-406.
11. **Salwa A. Aly and Neimat Hassan (2014).** Hazards associated with Dromedary camel milks. *International journal of science and nature I.J.S.N., VOL.5 (3) 2014: 412-417.*
12. **Saad, M.F., Nagah M. Hafiz and Salwa A. Aly (2014).** *MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS* IN RAW CAPRINE MILK. *International Journal of Science and nature (I.J.S.N.), VOL.5 (4) 653-657.*
13. **Saad FM., Nagah, M. hafiz and Salwa A. Aly (2013).** Microbiological quality of Egyptian raw goat milk. *International journal of pharmacy, biology and allied science IJPB* 13 (10) 200-208.
14. **Salwa A. Aly; D.E. Farag and E. Galal (2012).** Effect of Gamma Irradiation on the Quality and Safety of Egyptian Karish Cheese. *Journal of American Science* 8(10)٧٦١ - ٧٦6.
15. **Salwa A. Aly and Neven, M. Soliman (2011).** Characterization and biodiversity of yeast isolated from Egyptian karish cheese. *International Fungi and yeast research*. Accepted on 20th February (2011).
16. **Salwa A. Aly and Diekmann, H. (2010).** Fate of aflatoxin M₁ during manufacture and storage of yoghurt.



Faculty Veterinary Medicine

وحدة ضمان الجودة



Cairo University

Milchwissenschaft 65 (2) 193-194.

- 17. Salwa A. Aly and Anwer, W. (2009).** Effect of naturally contaminated feed with aflatoxins on performance of laying hens and the carryover of aflatoxin B₁ residues in table Eggs. Pakistan Journal of Nutrition (2009) Vol 8, No. 2, p. 181-186.
- 18. Salwa A. ALY* and Amal S. Gaber (2007).** Inactivation of foot and mouth disease virus in milk and milk products. Milchwissenschaft (2007) Vol. 62, No. 1, p. 3-5.

Salwa ahmed Mohamed aly

Professor of Milk hygiene and control
Department of food hygiene and control
Faculty of Veterinary Medicine, Cairo University
Cairo, Arab Republic of Egypt (ARE)
P.O. Box 12211, Giza, Egypt

Tel. # : [+202 36972025](tel:+20236972025)

Tel. # (Cell): [+20100 1568084](tel:+201001568084)

[+201097470475](tel:+201097470475)

Fax #: [+202 35 72 5240](tel:+20235725240)

Email address: salwaaly@hotmail.com

salwaaly@cu.edu.eg

website:

[salwaaly/http://scholar.cu.edu.eg](http://scholar.cu.edu.eg)