



Curriculum Vitae

Asmaa Hosny Mohammed Mohammed Moneeb

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Personal data

Title: Dr.

Gender: Female

Nationality: Egypt

Date of birth: 13 November 1983

Place of birth: Assiut, Egypt

Address: Dairy Science Department, Faculty of Agriculture, Assiut University, Assiut 71516, Egypt.

Carrer Overview

I am an Associated Professor with more than 20-year work experience, Teaching and Research, at the Department of Dairy Science, Faculty of Agriculture, Assiut University, Egypt.

I have been awarded B.Sc. and M.Sc. in Dairy Science in 2004 and 2010 from the Department of Dairy Science, Faculty of Agriculture, Assiut University, Egypt, and awarded Ph.D. in 2016 from the Faculty of Veterinary Medicine and Animal Science, the Autonomous University of Yucatan. Merida, Yucatan, Mexico.

I currently hold several administrative and academic positions at the college, where I have served as the scientific supervisor of the Dairy Products Unit at the Faculty of Agriculture, Assiut University since September 2024.

I have also served as the scientific supervisor of the International Research Funding and Publication Center at the Faculty of Agriculture since March 2024.

I have also been a member of the editorial board of the Assiut Journal of Agricultural Sciences since 2021.

My research focuses generally on all Dairy Science and Technology disciplines; I have many articles published in international peer-reviewed journals with total citations of 53 and h-index of 4 according to Scopus database. Also, I am a reviewer for some international peer reviewed journals.

Educational background

- **Ph.D. of Philosophy in Agricultural science (Dairy Science), (2015)**

From the Faculty of Veterinary Medicine and Animal Science, the Autonomous University of Yucatan. Merida, Yucatan, Mexico.

The thesis title: “Evaluation of Cow's Milk and Cheese Quality from an Intensive Silvopastoral System in Southeast Mexico”

- **M.Sc. in Agricultural Sciences, (Dairy Science), (2010)**

From the Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.

The thesis title: “Evaluation of Some Local and Imported Cheeses and Fermented Dairy Products”

- **B.Sc. in Agricultural Sciences, (Dairy Science), (2004)**

Excellent with honor degree, Faculty of Agriculture, Assiut University, Assiut, Egypt.

Employment

Period	Position	Employer	Country
10/2022 - Present	Associated Professor	Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.	Assiut, Egypt
03/2016–9/2022	Assistant Professor	Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.	Assiut, Egypt
01/2013–02/2016	Ph.D. Researcher	The Faculty of Veterinary Medicine and Animal Science, the Autonomous University of Yucatan, Merida, Yucatan, Mexico.	Yucatan, Mexico
08/2010–12/2012	Assistant Lecturer	Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.	Assiut, Egypt
12/2004–07/2010	Demonstrator	Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.	Assiut, Egypt

Teaching experience:

I have been teaching some courses such as:

- Principles Of Dairy Science.
- Dairy Microbiology (Principles and Applications).
- Dairy Products Technology.
- Application for Using Computers in the Dairy Industry.
- Agricultural Microbiology.
- Advanced Cheese Technology.
- Pollution and Microbial Contamination
- Probiotic Foods.
- Scientific Writing.

Research Experience

Good experience in:

- Production of several types of dairy products such as hard and soft cheese, fermented dairy products and fatty dairy products.
- Assessment of chemical and microbiological quality of milk and dairy products.
- Isolation and Identification of bacteria.
- Biochemical research in milk and dairy products.

Areas of research interest

- Biochemistry of milk and dairy products.
- Probiotic dairy foods.
- Biological properties of milk proteins.
- Biological activity of milk protein- derived bioactive peptides.
- Milk Protein Concentrates Functionality.

Duties

- Conduct seminars, discussion groups, and laboratory sessions to supplement lectures.
- Assist in preparing and administering exams.
- Grade examinations, term papers, and laboratory reports.
- Assisting under-graduate students in the practical part of dairy science courses.
- Assisting under-graduate students through summer practical training course.
- Master and Ph. D. supervisor.

Thesis Supervision

Islam Ali Bakr Bassiouni. (2020). Quality Evaluation of Some Functional Fermented Dairy Foods. Ph.D. Thesis. Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Halima Farouk Abbas Ahmed. (2020). Manufacturing of white soft cheese by mixtures cow milk and milk powder. M.Sc. Thesis. Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Mohamed Gamal Mohamed Bakheet. (2022). Effect of Lemongrass (<i>Cymbopogon citratus</i>) and Roselle (<i>Hibiscus sabdariffa</i>) supplementation as antioxidant sources in diet of lactating ewes. M.Sc. Thesis. Department of Animal Production, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Mohammed Ahmed Abd El-Monem Ali. (2022). Influence of Some Adjunct Cultures on the Quality of Ras Cheese. Ph.D. Thesis. Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Nafisa Said Soliman. (2019-till now). The Effect of Feeding Black seed meal and roquette seed meal to cows on milk production and cheese quality. M.Sc. Thesis. Department of Animal Production, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Ali Fadawy Abd El-hakim. (2023- till now). A Study on Improving Quality of Ras Cheese by Using <i>Bacillus amyloliquefaciens</i> and crude cell free extract. Ph.D. Thesis. Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Mohamed Kamal Desoky Ahmed (2023- till now). Efficiency of Applying Hygienic Measures to Control Coliforms during the Manufacture of Yoghurt. M.Sc. Thesis. Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.
Marwa Mohammed Khames (2023- till now). Evaluation of HACCP Plan Implementation during Fresh Soft Cheese Manufacture. M.Sc. Thesis. Molecular Biology Researches & Studies Institute, Assiut University, Assiut, Egypt.
Omar Ahmed Ali (2023- till now). The Impact of Milk Protein Concentrates in the Manufacturing of Some Dairy Products. M.Sc. Thesis. Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.
Abdullah Samir Mohamed Abdelwahab. (2023- till now). Evaluation of HACCP plan implementation in controlling fecal coliforms in food premises. M.Sc. Thesis. Department of Food Hygiene, Safety and Technology, Faculty of Veterinary Medicine. Assiut University, Assiut, Egypt.

Attendance of Professional Development Courses and Workshops

Place: Assiut University, Faculty and Leadership Development Centre (FLDC)

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| - University Administration | - Modern Trends in Education. |
| - Research Ethics | - Research and Work Ethics. |
| - Professional Conduct | - Effective Presentation. |
| - How to Write a Competitive Research Proposal | - Management of Time and Work Stresses |
| - Effective Presentation | - Conferences Organizing. |
| - Examination Systems and Student Assessment | |

Publications

- 1- **Asmaa H. M. Moneeb**, Soliman M. Mousa, Nafisa S. Soliman. Mahmoud A. M. Abdullah. (2025) Impact of *Nigella sativa* and *Eruca sativa* Meals on Blood Parameters, Milk Yield and Cheese Quality in Dairy Cows. *Assiut Journal of Agricultural Sciences*. 56(5): in Press.
- 2- Ali Fadawy, Aly I. Hassan, Ali H. A. Osman, Osama A. Ibrahim and **Asmaa H. M. Moneeb**. (2025). Antimicrobial and Proteolytic Activities of *Bacillus amyloliquefaciens* ATCC 23350 Cultivated in Skimmed Milk. *Assiut Journal of Agricultural Sciences*. 56(5): in Press.
- 3- Wahid I El-Desoki, Ali HA Osman, **Asmaa HM Moneeb**, Gamal M Hamad, Hanan M Alharbi, Khairiah Mubarak Alwutayd, Taha Mehany. (2025). Innovative low-fat cheese with selenium: Physiological benefits amidst heavy metal exposure. *Journal of Agriculture and Food Research*, 102120.
- 4- Gamal M Hamad, Mukhtar MF Abushaala, **Asmaa HM Moneeb**, Taha Mehany, Wahid I El-Desoki, Mohamed AH Nagm El-diin, Mohammed A Abd-Elmonem, Marwa I El-Toukhy, Amira Hussein El-Baz, Samy E Elshaer, Mahmoud Abd Ella Ahmed, Adel Abd Elaziz, Raghda MS Moawad. (2025). Detection and reduction of aflatoxin M1 in milk by nanoencapsulation cocktail of biological and chemical adsorbents. *Journal of Food Composition and Analysis*, 107392.
- 5- Gamal M Hamad, Mukhtar MF Abushaala, Nisrin Besima Tarhuni, Taha Mehany, Raghda MS Moawad, Wahid I El-Desoki, Mohamed AH Nagm El-diin, Mohammed A Abd-Elmonem, Yasser El-Halmouch, Amany EL Sharkawy, Amr Amer, Sadeq K Alhag, Laila A Al-Shuraym, Ammar AL-Farga, **Asmaa HM Moneeb**. (2025). *Yersinia enterocolitica* in milk, cheese, yoghurt, and ice cream: Its detection and controlling by some marine algal extracts. *LWT*. 215:117184.
- 6- **Asmaa HM Moneeb**, Taha Mehany, Mohammed A Abd-Elmonem, Adel A Tammam, Abdel-Naser A Zohri, Wahid I El-Desoki, Tuba Esatbeyoglu. (2024) Probiotic *Lactobacillus* strains as protective adjunct cultures against fungal growth and toxin production in Hard cheese. *LWT*. 213:117057.
- 7- Raghda Moawad, **Asmaa HM Moneeb**. (2024). Feeding Bifidus Milk Beverage: Effects on Albino Rats after Ketogenic Diet. *Egyptian Journal of Food Science*. 52(1): 51-61.
- 8- **Asmaa HM Moneeb**, Raghda Moawad, Dina M Osman. (2024) Characteristics of Soft Cheese Fortified by *Moringa oleifera* and *Mentha piperita* Leaves. *Assiut Journal of Agricultural Sciences*. 55(2):55-67.
- 9- **Asmaa HM Moneeb**, Raghda Moawad, Dina M Osman. (2024). Characteristics of Soft Cheese Fortified by *Moringa oleifera* and *Mentha piperita* Leaves. *Assiut Journal of Agricultural Sciences*. 55(2):55-67.
- 10- Mahmoud E Ahmed, Ahmed RA Hammam, Abd El-Fatah Ali, Khalid A Alsaleem, Mohamed Salem Elfaruk, Dalia G Kamel, **Asmaa HM Moneeb**. (2023). Measurement of carbohydrates and organic acids in varieties of cheese using high-performance liquid chromatography. *Food Science & Nutrition*. 11(5):2081-2085.
- 11- **Asmaa HM Moneeb**, Abdelfatah K Ali, Mahmoud E Ahmed, Yaser Elderwy. (2022) Characteristics of low-fat white soft cheese made with different ratios of *Bifidobacterium bifidum*. *Assiut Journal of Agricultural Sciences* 31-44 :(1)53
- 12- Mohamed A Abd-Elmonem, Adel Tammam, Wahid I El-Desoki, Abdel-Naser A Zohri, **Asmaa HM Moneeb**. (2022). Improving The Properties of The Egyptian Ras Cheese with

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- Adding Some Probiotic *Lactobacillus* spp. Assiut Journal of Agricultural Sciences. 53(1):12-30
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- 13- **Asmaa HM Moneeb**, Yaser El-Derwy. (2021). Effect of Using Probiotic Bacteria as Adjunct Culture in Domiati Cheese Making. Assiut Journal of Agricultural Sciences 52 (3): 48-58
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- 14- **Asmaa HM Moneeb**, Ahmed RA Hammam, Abdelfatah KA Ahmed, Mahmoud E Ahmed, Khalid A Alsaleem (2021). Effect of fat extraction methods on the fatty acids composition of bovine milk using gas chromatography. Food Science & Nutrition 9 (6): 2936-2942
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- 15- Halima F Abbas, AA Tammam, Nanis H Gomah, YMA Elderwy, **Asmaa HM Moneeb**. (2020) Making Domiati Cheese from Mixtures of Cow's Milk and Milk Powder. Journal of Food and Dairy Sciences 11 (3): 83-89
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- 16- MAM Abdullah, MWH Daghash, MGM Bakheet, **Asmaa HM Moneeb**. (2020). Effect Of Dietary Lemongrass (*Cymbopogon citratus*) And Roselle (*Hibiscus sabdariffa*) To Saidi Ewes On:(A) Milk Production, Rumen Fermentation and Lamb's Performance. Egyptian Journal of Animal Production 57 (Suppl. Issue): 47-53
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- 17- **Asmaa HM Moneeb**, Carlos Fernando Aguilar-Pérez, AJ Ayala-Burgos, FJ Solorio-Sanchez, JC Ku-Vera. (2019) Fatty Acids Profile of Fresh Cheese Produced In An Intensive Silvopastoral System In The Tropics. Tropical and Subtropical Agroecosystems 22 (3), 631-637
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- 18- MAM Abdullah, MWH Daghash, **Asmaa HM Moneeb**, Wafaa G Mahmoud, MGM Bakheet. (2019). Impact of Lemongrass (*Cymbopogon citratus*) and Roselle (*Hibiscus sabdariffa*) on Blood Metabolites and Fecal Anticoccidial Effect of Saidi Ewes. Egyptian Journal of Nutrition and Feeds 22 (2 Special), 1-9.
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- 19- **Asmaa HM Moneeb**, Carlos F Aguilar-Pérez, Armín J Ayala-Burgos, Francisco J Solorio-Sánchez, Juan C Ku-Vera. (2019) Effect of grazing cows in an intensive silvopastoral system with *Leucaena leucocephala* on Panela cheese properties: yield, composition, fatty acid profile and sensory acceptability, Animal Science Journal 90 (9): 1303-1312
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- 20- **Asmaa Hosny Mohammed Mohammed**, Carlos Fernando Aguilar-Pérez, Armín Javier Ayala-Burgos, María Benedicta Bottini-Luzardo, Francisco Javier Solorio-Sánchez, Juan Carlos Ku-Vera. (2016). Evaluation of milk composition and fresh soft cheese from an intensive silvopastoral system in the tropics. Dairy Science & Technology 96 (2), 159-172
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- 21- **Asmaa H. Moneeb** Y. H. Shahin, M. A. Fahmy. (2010). Comparative Study on The Composition and The Hygienic Quality of Some Locally-Made and Imported Cheeses. Assiut Journal of Agricultural Science 41 (1), 42-58
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Skills

- **Language**

1. Arabic (Mother Language).
2. English (Speaking and writing very well).
3. Spanish (Speaking and writing good).

- **Computer**

Windows OS Expert with a proven ability to adapt across generations, from legacy systems to Windows 10/11, specializing in advanced technical support and file management. Microsoft Office (Word, Excel, Power Point) and Some statistical programs (SPSS).

Academic Referees

Prof. Dr. Adel A. Tamaam, Professor of Dairy Chemistry and Technology, Department of Dairy Science, Faculty of Agriculture, Assiut University, Assiut, Egypt.

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Prof. Dr. Carlos F. Aguilar-Perez. The Faculty of Veterinary Medicine and Animal Science, the Autonomous University of Yucatan, Merida, Yucatan, Mexico.

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