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Gender **Female** | Nationality **Egyptian**

WORK EXPERIENCE

11/2/2014–Present

Food Technology Department

City of Scientific Research and Technological Applications (SRTACity)

Universities and Research Center District, New Borg El-Arab. P.O. Box: 21934, Alexandria

(Egypt)

<http://mucsat.org>

- Member of **Specific Training and Conferences Committee** in City of Scientific Research and Technological Applications.

- Member of **Central Labs Committee** in City of Scientific Research and Technological Applications.

- In addition to **main activities and responsibilities in Food Technology Department**:

- Microbiological analysis of food, quality control tests, antimicrobial tests
- Isolation and identification of bacteria and fungi through genetic methods
- The analysis of mycotoxins for food using the Vicam device
- Chemical analysis of foods (nutrient determination, antioxidants)
- Conducting and estimating the functional properties of food in laboratory or using experimental animals
- Nutrition testing and nutritional value calculations
- Sensory and physical analysis for food using devices such as: Viscometer, Colorimeter
- Participating in writing/ working in research projects with research groups
- Participation and organization of international and local conferences and exhibitions of research outputs and innovation

Business or sector Food Technology Dept., Arid Lands Cultivation Research Institute (ALCRI)

9/2009–3/2011

Researcher

Alexandria University, Faculty of Agriculture, Alexandria (Egypt)

The work is almost entirely laboratory-based, with responsibilities that include:

- Keeping up to date with relevant scientific and technical developments
- Designing & conducting experiments
- Determining & obtaining needed equipments & materials
- Designing result sheets, recording and analyzing data
- Writing research papers, reports, reviews and summaries
- Presenting results to the PI (Principle Investigator)
- Supervising & liaising with junior staff including technicians & workers
- Ensuring that quality standards are met
- Developing original solutions to problems

Business or sector Alexandria Research Enhancement Program (ALXREP) project-MILAB

12/1994–11/1996

Quality control (QC) and Laboratories Engineer

Uniliver Mashreq Egypt, Alexandria (Egypt)

- Responsible of both chemical & microbiological labs
- Analyzing & evaluating the raw materials
- Testing sample products taken from the manufacturing line; chemically and microbiologically
- Directing QC inspectors & workers engaged in recording & testing product quality
- Reporting & tabulating data concerning materials, product or process quality

Business or sector Milkana processed cheese factory

EDUCATION AND TRAINING

- 2008–2011 **PhD in Agricultural Science (Dairy Technology)**
 Faculty of Agriculture, Saba Basha, Alexandria University, Alexandria (Egypt)
 Thesis Titled: "**Production of Functional Fermented Dairy Products using Probiotic Bacteria Isolated from Different Dairy Sources**"
Darwish, A.M.G., Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M.
 - The research contributes to; new types of Nutraceutical fermented dairy products prepared using newly isolated probiotics and their *in-vivo* & pharmaceutical influences
 - Funded by Alexandria Research Enhancement Program (ALXREP), Alexandria University (Egypt).
- 2004–2008 **MSc in Agricultural Science (Dairy Technology)**
 Faculty of Agriculture, Saba Basha, Alexandria University, Alexandria (Egypt)
 Thesis Titled: "**Production of Healthy Fermented Milk**"
Darwish, A.M.G., Ayad, E.H.E., Darwish, S.M. and El Souda, M.A.
 - The research contributes to innovative types of functional fermented dairy products contain "Talbina"
 from Islamic prophetic medicine with calculated DVs%
- 1989–1992 **BSc in Food Technology**
 Faculty of Agriculture, El Shatby, Alexandria University, Alexandria (Egypt)
 - V. Good with honor
 - Provides with a broad understanding of modern food industries. It combines theoretical studies and practical work, which may be applied in the modern industrial food environment.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
TOEFL (Test of English as a Foreign Language)					
French	B1	B2	B1	B1	B1
German	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages - Self-assessment grid](#)

Communication skills -Team work; in various types of teams such as project research team or QC members
 - good communication skills gained through work & practical experience

Organisational / managerial skills - Leadership competences gained through work experience in lab, as a researcher in a project team or a QC engineer and
 - Good organizational skills gained through organization and promoting scientific events

Job-related skills

- Competent with lab work in food and dairy science in the following areas:
- # *Microbiology*
- Microbiological food analysis, quality and safety assessment
- Isolation & morphological, phenotypically and technological identification
- *In vitro* and *In vivo* assessment of probiotics

Biochemistry

- Biochemical food analysis and functional characteristics assessment
- Mycotoxin analysis in food and feed (VICAM)

Genetics

- Genotypic characterization using 16srRNA approach

Nutrition

- *In vivo* nutritional studies and analysis
- Assessment of nutritional value

Technology and Application

- Production of innovative prototypes of functional fermented dairy products; fermented milk, yoghurt & frozen yoghurt (Granted patent, participating in innovation conferences and exhibitions)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Basic user	Basic user	Basic user	Basic user	Basic user

[Digital competences - Self-assessment grid](#)

International Computer Driving Licence (ICDL), UNESCO (United Nations Educational, Scientific and Cultural Organization), endorsed by Ministry of Communications and Information, Egypt

- Competent with most Microsoft Office programs & internet browsers

PATENTS

Granted Patents

1. Ayad, E.H.E. and **Darwish A.M.G.**, (2016). **Patent no. 27428 (2016)**. Patent Office, Academy of Scientific Research and Technology, Ministry of Scientific Research, Cairo, Egypt. Titled: Innovative functional yoghurt-like products with new probiotic LAB. **N. 2011061037 EG, The International Patent Classification (IPC) code A23L1001**
http://www.egypt.gov.eg/Search/Patent.aspx?FILE_SEQ=EG&FILE_SER=2011&FILE_TYP=P&FILE_NBR=1037

2. **Darwish, A.M.G.**, Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2009). **Granted (2019)**. *Production of healthy fermented milk containing Talbina*. Patent Office, Academy of Scientific Research and Technology, Ministry of Scientific Research, Cairo, Egypt. **N. 2009081233 EG.**

Pending Patents

1. **Darwish, A.M.G.**, El-Kholy, W.M. and Soliman, T.N. (2019). Functional yoghurt fortified with date palm pollen nanocapsules. Patent Office, Academy of Scientific Research and Technology, Ministry of Scientific Research, Cairo, Egypt. **N. 1521/2019 EG.**

2. Ashour, E.S.A., Fouad, E.G., Abdel-Nabey, A.A. and **Darwish A.M.G.** (2019). Functional dairy products fortified with chia seeds. Patent Office, Academy of Scientific Research and Technology, Ministry of Scientific Research, Cairo, Egypt. **N. 1364/2019 EG.**

HONOURS AND AWARDS

1. **Best Research Award (2nd place) from Dream Mashreq Company for Food Industry for encouraging scientific research in the field of food and dairy quality and safety in Egypt (2020).**

For the research of: Evaluation of date palm pollen (*Phoenix dactylifera* L.) encapsulation, impact on the nutritional and functional properties of fortified yoghurt. PLoS ONE. 14(10): e0222789. <https://doi.org/10.1371/journal.pone.0222789>

2. **Scientific Research Encouragement Award**
 Egyptian Society of Dairy Science, Cairo, Egypt
 4/2020

3. **Mohamed Bin Zayed Award for Applied Research**
 The Second International Conference on Mycology in MENA (ICM-2018), Ismailia, Egypt.
 10/2018

4. Best Presentation Award (Commendable effort and effective participation)

First International Conference of the Egyptian Society of Food Safety, Food Safety "Science, Health & Behavior", Sharm El Sheikh, Egypt.

For presentation entitled; "Natural bio-preservatives: One of the future strategies tackling sustainable development food and health challenges".

2/2018

5. First award of ConnectArabs competition for best 15 Innovations in Egyptian Universities & Research Institutes

ConnectArabs Innovation, Scientific, Industrial and Entrepreneurship Social Media Network in Egypt

For the patent entitled; "Production of healthy fermented milk contain Talbina" Patent No. 2009081233 EG.

11/2015

6. First award of GITTC (Grants, Innovation & Technology Transfer Center)

Innovation and Entrepreneurship day, Alexandria University, Egypt

For the prototype and poster entitled; "New probiotic LAB for dairy industries innovation".

5/2011

7. Best Presentation award

Egyptian Society of Dairy Science, National Research Center (NRC), Cairo, Egypt

11th Egyptian Conference of Dairy Science and Technology, Cairo (Egypt). For presentation of published research entitled; "Wild Egyptian probiotic cultures for functional fermented dairy products".

11/2010

8. Excellent and v. good awards

Faculty of Agriculture, Alexandria University, (Egypt).

GENBANK SUBMISSIONS

1. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Streptococcus thermophilus* (RM732), 16S ribosomal RNA, Partial sequence, bases 1 to 154, DNA linear BCT 01- Jun-2018. Direct Submission, **GenBank** Accession no. MH422542.
2. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Enterococcus faecium* (ZP7411), 16S ribosomal RNA, Partial sequence, bases 1 to 273, DNA linear BCT 01-Jun-2018. Direct Submission, **GenBank** Accession no. MH422543.
3. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Enterococcus faecalis* (HM72M1), 16S ribosomal RNA, Partial sequence, bases 1 to 172, DNA linear BCT 01-Jun-2018. Direct Submission, **GenBank** Accession no. MH422544.
4. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Lactococcus lactis* subsp *lactis* (HT741), 16S ribosomal RNA, Partial sequence, bases 1 to 173, DNA linear BCT 01-Jun- 2018. Direct Submission, **GenBank** Accession no. MH422545.
5. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Enterococcus faecalis* (HT74II4), 16S ribosomal RNA, Partial sequence, bases 1 to 476, DNA linear BCT 31-May-2018. Direct Submission, **GenBank** Accession no. MH421851.
6. Ayad, E.H.E., **Darwish, A.M.G.**, Allam, M.G. and **Shokery, E.S.** (2018). *Enterococcus faecalis* (HT714), 16S ribosomal RNA, Partial sequence, bases 1 to 886, DNA linear BCT 31-May-2018. Direct Submission, **GenBank** Accession no. MH421852.
7. Ayad, E.H.E., Allam, M.G. and **Darwish, A.M.G.** (2016). *Lactobacillus plantarum* (KP623), 16S ribosomal RNA, Partial sequence, bases 1 to 242. Direct Submission, **GenBank** Accession no. KX378140.
8. Ayad, E.H.E., Allam, M.G. and **Darwish, A.M.G.** (2016). *Lactobacillus delbrueckii* (KP654), 16S ribosomal RNA, Partial sequence, bases 1 to 685. Direct Submission, **GenBank** Accession no. KX378141.
9. Ayad, E.H.E., Allam, M.G. and **Darwish, A.M.G.** (2016). *Enterococcus faecium* (KT712), 16S ribosomal RNA, Partial sequence, bases 1 to 548. Direct Submission, **GenBank** Accession no. KX214763.

10. Ayad, E.H.E., Allam, M.G. and **Darwish, A.M.G.** (2016). *Lactococcus lactis* (KM746), 16S ribosomal RNA, Partial sequence, bases 1 to 342. Direct Submission, **GenBank** Accession no. KU760727.

11. Ayad, E.H.E., Allam, M.G. and **Darwish, A.M.G.** (2016). *Lactococcus lactis* (KM721), 16S ribosomal RNA, Partial sequence, bases 1 to 343. Direct Submission, **GenBank** Accession no. KU760728.

SCIENTIFIC EDITOR

1. Editorial Board member for **Microbial Biosystems** (The Arab Society for Fungal Conservation) <https://mb.journals.ekb.eg/journal/editorial.board>
<http://fungiofegypt.com/Journal/board.html>

2. Editorial Board member for the **International Journal of Food and Nutrition Sciences**. Premier Publishers. <https://premierpublishers.org/ijfns/editorial-board>

SCIENTIFIC REVIEWER

1. **Journal of Food Engineering (Elsevier)**. Official journal of the International Society of Food Engineering (ISFE). (WOS)

2. **Journal of Food Measurement and Characterization** (Springer Nature) (WOS)

3. **Nutrients (MDPI)**. Molecular Diversity Preservation International and Multidisciplinary Digital Publishing Institute. (WOS)

4. **Coatings (MDPI)**. Molecular Diversity Preservation International and Multidisciplinary Digital Publishing Institute. (WOS)

5. **International Journal of Food Studies**. Official Journal of ISEKI Food Association (European Association for Integrating Food Science and Engineering Knowledge Into the Food Chain).

6. **Microbial Biosystems** (The Arab Society for Fungal Conservation)

7. **HSOA Journal of Dairy Research & Technology** (Herald Open Access)

8. **International Journal of Public Health and Epidemiology Research** (Premier Publishers)

9. **Journal of Advances in Medicine and Medical Research** (SCIENCEDOMAIN international)

10. **International Research Journal of Public and Environmental Health** (Open Academic Journals Index OAJI)

11. **Acta Universitatis Cibiniensis. Series E: Food Technology** (Sciendo- De Gruyter)

12. **African Journal of Biotechnology** (Academic Journals)

13. **Asian Journal of Research in Botany** (Science Domain International)

14. **Journal of Research in Food Science and Nutrition** (Spectacular Journals)

**PUBLICATIONS
(JOURNAL ARTICLES)**

1. Hamad, G.M., Hafez, E.E., Abdelmotilib, N.M., Abdel-Hmeed, K.M., Safwat, H.A. and **Darwish, A.M.G.** (2020). Quality assessment, functional potentials and safety evaluation of stored Egyptian honey as environmental pollution bioindicator. *Environmental Toxicology and Chemistry*. 39:1894–1907. <https://doi.org/10.1002/etc.4811>

2. Abdel-Azeem, A.M., Abu-Elsaoud, A.M., **Darwish, A.M.G.**, Balbool, B.A., Abo Nouh, F.A., Abo Nahas, H.H., Abdel-Azeem, M.M., Ali, N.H. and Kirk, P.M. (2020). The Egyptian Ascomycota 1: Genus *Aspergillus*. *Microbial Biosystems*. 5(1): 61-99. DOI: [10.21608/mb.2020.100044](https://doi.org/10.21608/mb.2020.100044)

3. El-Sohaimy, S., Brennan, M., **Darwish, A.M.G.**, Brennan, C. (2020). Physicochemical, texture and sensorial evaluation of pasta enriched with chickpea flour and protein isolate. *Annals of Agricultural Sciences*. 65 (1): 28-34. <https://doi.org/10.1016/j.aoas.2020.05.005>

4. Shehata, M.G., **Darwish, A.M.G.**, El-Sohaimy, S. (2020). Structural and functional properties of water-soluble polysaccharides extracted from Egyptian agricultural by-products. *Annals of Agricultural Sciences*. 65 (1): 21-27. <https://doi.org/10.1016/j.aoas.2020.05.004>

5. Hamad, G.M., Abdelmotilib, N.M., **Darwish, A.M.G.**, Zeitoun, A. (2020). Commercial probiotic cellfree supernatants for inhibition of *Clostridium perfringens* poultry meat infection in Egypt. *Anaerobe*. 62, 102181. DOI:10.1016/j.anaerobe.2020.102181
6. Al- Jumayi, H., Elhendy, H.A. and **Darwish, A.M.G.** (2020). Biological Effects of Red Chili Pepper (*Capsicum annuum*) Consumption on High Fat Diet Female Albino Rats. *Pakistan Journal of Biological Sciences* 23, 150-158. DOI: 10.3923/pjbs.2020.150.158
7. El-Kholy, W.M., Soliman, T.N. and **Darwish, A.M.G.** (2019). Evaluation of date palm pollen (*Phoenix dactylifera* L.) encapsulation, impact on the nutritional and functional properties of fortified yoghurt. *PLoS ONE*. 14(10): e0222789. <https://doi.org/10.1371/journal.pone.0222789>
8. **Darwish, A.M.G.** (2019). Fungal mycotoxins and natural antioxidants: Two sides of the same coin and significance in food safety. *Microbial Biosystems*. 4(1), 1-16. DOI: 10.21608/MB.2019.37468
9. **Darwish, A.M.G.**, Hamad, G.M. and El Sohaimy, S.A. (2018). Nutrients and Constituents Relevant to Antioxidant, Antimicrobial and Anti-Breast Cancer Properties of *Salvia officinalis* L. *International Journal of Biochemistry Research & Review*. 23(1): 1-13. doi: 10.9734/ijbcr/2018/43273
10. **Darwish, A.M.G.**, Khalifa, R.K. and El Sohaimy, S.A. (2018). Functional Properties of Chia Seed Mucilage Supplemented In Low Fat Yoghurt. *Alexandria Science Exchange Journal*. 39(3): 450-459. doi: 10.21608/asejaiqsae.2018.13882
11. **Darwish, A.M.G.**, Allam, M.G. and Ayad, E.H.E. (2018). Physicochemical Profile and Lactic Acid Bacteria Genera Inhabit Egyptian Raw Camel, Sheep, Goat, Buffalo and Cow milk. *Microbial Biosystems*. 3(1): 12–24. DOI: 10.21608/MB.2018.12355
12. Allam, M.G.M., **Darwish, A.M.G.**, Ayad, E.H.E. (2017). Improve hygienic quality of Egyptian Karish cheese employing isolated antagonistic *Lactobacilli* strains. *Annual Research & Review in Biology*. 19(2): 1-13. doi: 10.9734/arrb/2017/37116
13. Hamad, G.M., **Darwish, A.M.G.**, Abu-Serie, M.M. and El Sohaimy, S.A. (2017). Antimicrobial, Antioxidant and Anti-inflammatory Characteristics of Combination (Cassia fistula and Ocimum basilicum) Extract as Natural Preservative to Control and Prevent Food Contamination. *Journal of Food and Nutrition Research*. 5: (10): 771-780. doi: 10.12691/jfnr-5-10-8.
14. Allam, M.G.M., **Darwish, A.M.G.**, Ayad, E.H.E., Shokery, E.S. and Darwish, S.M. (2016). *Lactococcus* species for conventional Karish cheese conservation. *LWT- Food Science and Technology*. 79: 625–63. doi.org/10.1016/j.lwt.2016.11.032
15. Allam M.G.M, **Darwish A.M.G**, Ayad E.H.E, Shokery E.S, Mashaly R.E, Darwish S.M (2016) *In vivo* evaluation of safety and probiotic traits of isolated *Enterococcus faecium* strain KT712. *Research Journal of Microbiology*. 11: 169-177. doi: 10.3923/jm.2016.
16. **Darwish, A.M.G.**, Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2011). New functional frozen bifidus yoghurt-like products. *Egyptian Journal of Dairy Science*. 39: 53-63.
17. **Darwish, A.M.G.**, Ayad, E.H.E., Shokry, E.S., Mashaly, R.E., Osman, N.A. and Darwish, S.M. (2010). Wild Egyptian probiotic cultures for functional fermented dairy products. *Egyptian Conference of Dairy Science and Technology Proceeding*. 1-3 Nov. (2010). Cairo, Egypt. 565-583.
18. Ayad, E.H.E., **Darwish, A.M.G.**, Darwish, S.M. and El Souda, M.A. (2009). Production of novel functional yoghurt-like products. *Egyptian Journal of Dairy Science*. 38: 183-199.

PUBLICATIONS (BOOK CHAPTERS)

1. **Darwish, A.M.G.**, Abdelmotilib, N.M., Abdel-Azeem, A.M., Abo Nahas, H.H. and Mohesien, M.T. (2020). Chapter 8: Applications of *Chaetomium* Functional Metabolites with Special Reference to Antioxidants. In: *Recent Developments on Genus Chaetomium*, 227-240. Springer.

2. **Darwish, A.M.G.** and Abdel-Azeem, A.M. (2020). Chapter 9: *Chaetomium* Enzymes and Their Applications. In: Recent Developments on Genus *Chaetomium*, 241-249. Springer.
3. Abdel-Azeem, A.M., Abdel-Azeem, M.A., Abdul-Hadi, S.Y. and **Darwish, A.G.** (2019). *Aspergillus*: Biodiversity, Ecological Significances, and Industrial Applications. In: Recent Advancement in White Biotechnology through Fungi. Volume 1: Diversity and Enzymes Perspectives. Springer Nature Switzerland.
4. Abdel-Azeem, A.M., Abdel-Azeem, M.A., **Darwish, A.G.** and Ibrahim, N.A. (2019). *Fusarium*: Biodiversity, Ecological Significances, and Industrial Applications. In: Recent Advancement in White Biotechnology through Fungi. Volume 1: Diversity and Enzymes Perspectives. Springer Nature Switzerland

PUBLICATIONS (ABSTRACTS)

1. **Darwish, A.M.G.** (2019). Evaluation of Date Palm Pollen (*Phoenix dactylifera* L.) Encapsulation Impact on the Nutritional and Functional Properties of Fortified Yoghurt. 1st International Conference on Food, Nutrition Security and Sustainable Agriculture Proceeding. 1-3 Dec. (2019). Grand Nile Tower Hotel, Cairo, Egypt.
2. **Darwish, A.M.G.** (2019). Fungal Mycotoxins and Natural Antioxidants: Two Sides of the Same Coin and Significance in Food Safety. Fourth National Fungus Day of Egypt Proceeding. 24 Feb. (2019). Port Said, Egypt.
3. **Darwish, A.M.G.** (2018). Microstructure and Functional Properties of Chia Seed Mucilage and its use in Low Fat Yoghurt Manufacture. The 13th Egyptian Conference of Dairy Science and Technology Proceeding. 28-29 October (2018). Safir Hotel, Cairo, Egypt.
4. **Darwish, A.M.G.** (2018). Fungal Mycotoxins and Natural Antioxidants: Two Sides of the Same Coin and Significance in Food Safety. The Second International Conference on Mycology in MENA (ICM- 2018), Fungi in Changing World Proceeding. 16-18 October (2018). Suez Canal University , Ismailia, Egypt.
5. **Darwish, A.M.G.** (2018). Milk Microconstituents and Their Potential Role: An Overview. Dairy symposium, Nutritional and Health Impacts of Some Minor Milk Constituents Abstract Book. 18 April (2018). National Research Center, Cairo, Egypt.
6. **Darwish, A.M.G.** (2018). Natural bio-preservatives: One of the future strategies tackling sustainable development food and health challenges. First International Conference of the Egyptian Society of Food Safety, Food Safety "Science, Health & Behavior" Proceeding. 15-18 Feb. (2018). Sharm El Sheikh, Egypt.
7. **Darwish, A.M.G.** (2016). Food ingredients: How to conserve during food processing and preservation. Food Processing and Preservation workshop Booklet. 26 & 29 May (2016). City of Scientific Research and Technological Applications (SRTA-City), Alexandria, Egypt.
8. **Darwish, A.M.G.**, Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2016). Talbina: Medicine of the Prophet as a prebiotic. New Processing Technologies in Dairy Industry Symposium Abstract Book. 6th Apr. (2016). National Research Centre, Cairo, Egypt.
9. **Darwish, A.M.G.**, Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2015). Production of healthy fermented milk contain Talbina. Cairo Innovates 2, 2nd Cairo International Exhibition of Innovation Abstract Book. Ministry of Scientific Research & Academy of Scientific Research and Technology. 24, 25 Nov. (2015). Baron Palace, Cairo (Egypt).
10. **Darwish, A.M.G.**, Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2015). New probiotic isolates for Nutraceuticals products. Desert Technology 12th International Conference (DT 12) Proceeding. 16- 19 Nov. (2015).Cairo, Egypt.
11. **Darwish, A.M.G.**, Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2015). Functional aspects of Lactobacillus strain Lb. plantarum isolated from traditional Egyptian Zabady. The 12th Egyptian Conference of Dairy Science and Technology Proceeding. Milk and Dairy Products: A Healthy Vision. 9-11 Nov. (2015). Cairo, Egypt.
12. **Darwish, A.M.G.** and Ayad, E.H.E. (2014). Innovative functional yoghurt-like products with new probiotic LAB. Cairo Innovates 1, 1st Cairo International Exhibition of Innovation Abstract Book. Ministry of Scientific Research & Academy of Scientific Research and Technology. 19- 20 Nov. (2014). American University Cairo (AUC), Cairo, Egypt.

13. **Darwish, A.M.G.**, Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2014). Functional aspects of new probiotics isolated from Laban Rayeb and Zabady. The 6th Alexandria Conference of Food Science and Technology Proceeding. 4- 6 March (2014). Alexandria, Egypt.

14. Ayad, E.H.E. and **Darwish, A.M.G.** (2013). Innovative functional yoghurt-like products with new probiotic LAB. The 2nd exhibition of the outputs and applications of scientific research Abstract Book, Ministry of Scientific Research. 12 May (2013). Cairo, Egypt.

15. **Darwish, A.M.G.**, Ayad, E.H.E., Shokry, E.S., Mashaly, R.E., Osman, N.A. and Darwish, S.M. (2010). Wild Egyptian probiotic cultures for functional fermented dairy products. Egyptian Conference of Dairy Science and Technology Proceeding. 1-3 Nov. (2010). Cairo, Egypt.

COMMITTEES MEMBERSHIP

1. **Specific Training and Conferences Committee.** City of Scientific Research and Technological Applications (SRTACity), New Borg El-Arab, Alexandria, Egypt.

2. **Technical Support of Central Labs.** City of Scientific Research and Technological Applications (SRTACity), New Borg El-Arab, Alexandria, Egypt.

CONFERENCES (CHAIRPERSON)

1. **Fourth National Fungus Day of Egypt.** Organized by Arab Society of Fungal Conservation. 24 Feb. (2019). Port Said, Egypt.

2. **The Second International Conference on Mycology in MENA (ICM-2018), Fungi in Changing World.** 16-18 October (2018). Suez Canal University, Ismailia, Egypt.

CONFERENCES (ORAL PRESENTATIONS)

1. **Darwish, A.M.G.** (2020). **Applications of Fungi in Food Production.** The 5th National Fungus Day of Egypt "Can Fungi Save Egypt". 20 February, 2020. The Institut d'Égypte (Egyptian Scientific Institute), Cairo, Egypt.

2. **Darwish, A.M.G.** (2019). **Evaluation of Date Palm Pollen (*Phoenix dactylifera* L.) Encapsulation Impact on the Nutritional and Functional Properties of Fortified Yoghurt.** International Conference on Food, Nutrition Security and Sustainable Agriculture from 1 – 3 December (2019). Grand Nile Tower (Grand Hayat), Cairo, Egypt.

3. **Darwish, A.M.G.** (2019). **Mendeley: Reference Manager and Citation Generator.** One of the 1st Postgraduate Researches Conference Workshops. 28 March (2019). Faculty of Agriculture Saba Basha, Alexandria University, Alexandria, Egypt.

4. **Darwish, A.M.G.** (2019). **Fungal Mycotoxins and Natural Antioxidants: Two Sides of the Same Coin and Significance in Food Safety.** Fourth National Fungus Day of Egypt. 24 Feb. (2019). Port Said, Egypt.

5. **Darwish, A.M.G.** (2018). **Microstructure and Functional Properties of Chia Seed Mucilage and its use in Low Fat Yoghurt Manufacture.** The 13th Egyptian Conference of Dairy Science and Technology. 28-29 October (2018). Safir Hotel, Cairo, Egypt.

6. **Darwish, A.M.G.** (2018). **Fungal Mycotoxins and Natural Antioxidants: Two Sides of the Same Coin and Significance in Food Safety.** The Second International Conference on Mycology in MENA (ICM-2018), Fungi in Changing World. 16-18 October (2018). Suez Canal University, Ismailia, Egypt.

7. **Darwish, A.M.G.** (2018). **Milk Microconstituents and Their Potential Role: An Overview.** Dairy symposium, Nutritional and Health Impacts of Some Minor Milk Constituents. 18 April (2018). National Research Center, Cairo, Egypt.

8. **Darwish, A.M.G.** (2018). **Natural bio-preservatives: One of the future strategies tackling sustainable development food and health challenges.** First International Conference of the Egyptian Society of Food Safety, Food Safety "Science, Health & Behavior". 15-18 Feb. (2018). Sharm El Sheikh, Egypt.

9. Darwish, A.M.G. (2016). **Food ingredients: How to conserve during food processing and preservation.** Food Processing and Preservation workshop. 26 & 29 May (2016). City of Scientific Research and Technological Applications (SRTA-City), Alexandria, Egypt.
10. Darwish, A.M.G., Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2016). **Talbina: Medicine of the Prophet as a probiotic.** New Processing Technologies in Dairy Industry Symposium. 6th Apr. (2016). National Research Centre, Cairo, Egypt.
11. Darwish, A.M.G., Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2015). **New probiotic isolates for Nutraceuticals products.** Desert Technology 12th International Conference (DT 12). 16- 19 Nov. (2015).Cairo, Egypt.
12. Darwish, A.M.G., Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2015). **Functional aspects of Lactobacillus strain Lb. plantarum isolated from traditional Egyptian Zabady.** The 12th Egyptian Conference of Dairy Science and Technology. Milk and Dairy Products: A Healthy Vision. 9-11 Nov. (2015). Cairo, Egypt.
13. Darwish, A.M.G. (2015). **Production of functional fermented dairy products using probiotic bacteria isolated from different dairy sources & Global vision on functional foods.** City of Scientific Research and Technological Applications (SRTA-City), Alexandria, Egypt.
14. Darwish, A.M.G., Ayad, E.H.E., Shokry, E.S., Mashaly, R.E. and Darwish, S.M. (2014). **Functional aspects of new probiotics isolated from Laban Rayeb and Zabady.** The 6th Alexandria Conference of Food Science and Technology. 4- 6 March (2014). Alexandria, Egypt.
15. Darwish, A.M.G., Zaytoun, A. (2010). **Global vision on functional foods.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
16. Darwish, A.M.G., Darwish, S.M. (2010). **Selection criteria of probiotic LAB.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
17. Darwish, A.M.G., Ayad, E.H.E. (2010). **Using 16S rRNA Gene for Lactic Acid Bacteria Identification.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
18. Darwish, A.M.G., Ayad, E.H.E., Shokry, E.S., Mashaly, R.E., Osman, N.A. and Darwish, S.M. (2010). **Wild Egyptian probiotic cultures for functional fermented dairy products.** Egyptian Conference of Dairy Science and Technology. 1-3 Nov. (2010). Cairo, Egypt.
19. Darwish, A.M.G., Ayad, E.H.E. (2009). **Mother's milk; Structural and functional properties.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
20. Darwish, A.M.G., Ayad, E.H.E. (2009). **Quality control in dairy plants & HACCP.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
21. Darwish, A.M.G., Ayad, E.H.E. (2008). **Sanitation in dairy plants.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
22. Darwish, A.M.G., Zaghoul, T. (2008). **Using 16S rRNA gene for bacteria identification.** Genetics Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.
23. Darwish, A.M.G., Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2006). **Production of healthy fermented foods.** Dairy Science (Dairy Technology) Department, Faculty of Agriculture, Saba Basha, Alexandria University, Egypt.

CONFERENCES (ORGANIZATION)

1. **The 5th National Fungus Day of Egypt "Can Fungi Save Egypt" (2020).** Organized by Arab Society for Fungal Conservation (ASFC). (20 February, 2020). The Institut d'Égypte (Egyptian Scientific Institute), Cairo, Egypt.
2. **SRTACity Annual Celebration Ceremony 2020 "Research Outputs and Community Services" (2020).** (8 February, 2020). City of Scientific Research and Technological Applications (SRTA-City), Alexandria, Egypt. (Hosting & Organization)

3. **The Second International Conference on Mycology in MENA (ICM-2018)**. Organized by Arab Society for Fungal Conservation (ASFC). Theme of the Conference "**Fungi in a Changing World**". (16-18 Oct. 2018). Suez Canal University, Ismailia, Egypt.

4. **New Trends of the Utilization of Palm Oil in Food Industry Workshop**. City of Scientific Research and Technological Applications (SRTA-City) in cooperation with Malaysian Palm Oil Council (MPOC). 23 Sept. (2018). Royal Tolip Hotel, Alexandria, Egypt.

5. **Dairy Industry in Egypt, Problems & Challenges Workshop**. City of Scientific Research and Technological Applications (SRTA-City). 19 Apr. (2017). Alexandria, Egypt.

6. **1st Food Contaminants workshop "Food Contaminants: Risk, Detection and Prevention"**. City of Scientific Research and Technological Applications (SRTA-City) in cooperation with The International Marketing Centre. 26 Sept. (2016). Alexandria, Egypt.

7. **Nutritional and Therapeutic Uses of Honey Bee Products Workshop, 1. Bee Honey**. City of Scientific Research and Technological Applications (SRTA-City). 24 May (2016). Alexandria, Egypt.

CONFERENCES (POSTERS)

1. **Darwish, A.M.G.**, Khalifa, R.K. and El Sohaimy, S.A. (2019). Innovative Functional Products. **SRTA City Winter School (2019) exhibition**. 7 Feb. (2019). City of Scientific Research and Technological Applications (SRTA-City), Borg el Arab, Alexandria, Egypt.
2. **Darwish, A.M.G.** (2017). First International Conference of Faculty of Agriculture, Alexandria University "**Prospects and Challenges of Agricultural Development in Africa and the Arab World**". In the context of celebrations of the Diamond Jubilee of the College and the University 1942- 2017. Faculty of Agriculture, Alexandria University, Egypt. 22 & 23 Feb. (2017). Two Posters entitled: Production of healthy fermented milk contains Talbina & Innovative functional yoghurt-like products with new probiotic LAB.
3. **Darwish, A.M.G.** (2016). Nutraceuticals for heart health. **Climate Change & Sustainable Development Objectives**, The seventh environmental forum of Alexandria University. Alexandria University. 23, 24 Apr. (2016). Alexandria (Egypt).
4. **Darwish, A.M.G.**, Ayad, E.H.E., Darwish, S.M. and El Souda, M.A. (2015). Production of healthy fermented milk contain Talbina. **Cairo Innovates 2, 2nd Cairo International Exhibition of Innovation**. Ministry of Scientific Research & Academy of Scientific Research and Technology. 24, 25 Nov. (2015). Baron Palace, Cairo (Egypt).
5. **Darwish, A.M.G.** and Ayad, E.H.E. (2014). Innovative functional yoghurt-like products with new probiotic LAB. **Cairo Innovates 1, 1st Cairo International Exhibition of Innovation**. Ministry of Scientific Research & Academy of Scientific Research and Technology. 19- 20 Nov. (2014). American University Cairo (AUC), Cairo, Egypt.
6. Ayad, E.H.E. and **Darwish, A.M.G.** (2013). Innovative functional yoghurt-like products with new probiotic LAB. **The 2nd exhibition of the outputs and applications of scientific research**, Ministry of Scientific Research. 12 May (2013). Cairo, Egypt.
7. Ayad, E.H.E., Shokry, E.S. and **Darwish, A.M.G.** (2011). New probiotic LAB for dairy industries innovation. **Innovation and Entrepreneurship Day**. 4, 5 May (2011). Alexandria, Egypt.

CONFERENCES (PARTICIPATION)

1. **International Conference on Food, Nutrition Security and Sustainable Agriculture**. 1 – 3 Dec. (2019). Grand Nile Tower (Grand Hayat), Cairo, Egypt.
2. **Food Safety Management in Egypt "Current Status and Future Perspectives"**. 16 Nov. (2019). Egypt-Japan University of Science and Technology (E-JUST), Alexandria, Egypt.
3. **The Erasmus+ Projects' Café Event**. 10 Oct. (2019). Hilton, Miami, Corniche, Alexandria, Egypt.
4. **Present and Future of Food Industry in Egypt**. 26 Sept. (2019). Dairy Science and Technology and Food Science and Technology Departments, Faculty of Agriculture, Alexandria University, Egypt.

5. **1st Postgraduate Researches Conference Workshops.** 28 March (2019). Faculty of Agriculture Saba Basha, Alexandria University, Alexandria, Egypt. (Oral presentations)
6. **Fourth National Fungus Day of Egypt.** Organized by Arab Society of Fungal Conservation. 24 Feb. (2019). Port Said, Egypt. (Oral presentation)
7. **The 13th Egyptian Conference of Dairy Science and Technology.** 28-29 October (2018). Safir Hotel, Cairo, Egypt. (Oral presentation)
8. **The Second International Conference on Mycology in MENA (ICM-2018), Fungi in Changing World.** 16-18 October (2018). Suez Canal University, Ismailia, Egypt. (Oral presentation)
9. **5th Cairo International Exhibition for Innovation (Cairo Innovates 5).** Representing City of Scientific Research and Technological Applications. 8,9 Nov.(2018). Cairo, Egypt
10. **Nutritional and Health Impacts of Some Minor Milk Constituents.** National Research Center. 18 April (2018). Cairo, Egypt. (Oral presentation)
11. Workshop on **Palm Oil and its Applications in Bakery and Pastry Industry.** Malaysian Palm Oil Council (MPOC). 16 April (2018), Helnan Palestine Hotel, Alexandria, Egypt.
12. **Electrospinning Technique: From Fundamental into Nanotechnological Application.** City of Scientific Research and Technological Applications (SRTA-City) in cooperation with Arab Center for Nanotechnology. 10 April (2018). Borg El Arab, Alexandria, Egypt.
13. **The International Nanotechnology Summit.** Nanotechnology Research Center (NTRC), The British University in Egypt. 14 March (2018). El-Sherouk City, Cairo, Egypt.
14. **Food Safety "Science, Health & Behavior".** First International Conference of the Egyptian Society of Food Safety. 15-18 Feb. (2018). Sharm El Sheikh, Egypt.
15. **New Prospects in Dairy Science and Technology.** National Research Center. 10 Dec. (2017). Cairo, Egypt.
16. **Role of Food Industry in National Economy Renaissance and increased Exports.** The Scientific Society of Food Industries in collaboration with Food Science and Technology Dept., Faculty of Agriculture, Alexandria University. 16 Nov. (2017). Alexandria, Egypt.
17. **Technical Seminar on The utilization of vegetable oils in dairy products.** Malaysian Palm Oil Council (MPOC). 25 July, (2017), Hambra Hall, InterContinental City Stars, Cairo Egypt.
18. **Recent Developments in Dairy Research.** Annual Symposium of the Egyptian Society of Dairy Sciences. National Research Center. 5 Apr. (2017). Cairo, Egypt.
19. **Nutritional and Therapeutic Uses of Honey Bee Products Workshop, 2. Bee Venom.** Faculty of Agriculture, Menoufia University. 27 March (2017). Menoufia, Egypt.
20. **First International Conference of Faculty of Agriculture, Alexandria University "Prospects and Challenges of Agricultural Development in Africa and the Arab World".** In the context of celebrations of the Diamond Jubilee of the College and the University 1942-2017. Faculty of Agriculture, Alexandria University, Egypt. 22 & 23 Feb. (2017). (2 Posters)
21. **Scientific Forum of Food Safety Experts "The future of livestock in Egypt".** Coordinated by Egyptian Society of Food Safety and National Research Center. National Research Center. 15 Feb. (2017). Cairo, Egypt.
22. **Scientific Research and Sustainable Development in Egypt Symposium.** Coordinated by National Research Center and The Scientific Society of Food Industries. National Research Center. 28 Nov. (2016). Cairo, Egypt.
23. **Climate Change & Sustainable Development Objectives,** The seventh environmental forum of Alexandria University. Alexandria University. 23, 24 Apr. (2016). Alexandria, Egypt. (Poster)
24. **BioVision Alexandria 2016. New Life Sciences: The Road Ahead.** The Bibliotheca Alexandrina. 12- 14 Apr. (2016). Alexandria, Egypt.
25. **New Processing Technologies in Dairy Industry.** Annual Symposium of the Egyptian Society of Dairy Sciences. National Research Center. 6 Apr. (2016). Cairo, Egypt. (Oral Presentation)

- 26. Environment: Challenges and Solutions.** 1st ENMRI (Environment and Natural Materials Research Institute) International Workshop. The Bibliotheca Alexandrina. 5 Apr. (2016). Alexandria, Egypt.
- 27. Women's Health and Nutrition, the care and the cure (NutriAlex 2016).** Alexandria Regional Centre for Women's Health and Development 9th annual Conference participating with Egyptian Nutrition and Health Coaching Association. 31st Mar. & 1st Apr. (2016). Alexandria, Egypt.
- 28. The Egyptian Fungus Day.** The Bibliotheca Alexandrina. 20 Feb. (2016). Alexandria, Egypt.
- 29. Symposium of Food Hygiene and Safety.** Food Toxicology and contaminants Dep., National Research Center. 17 Feb. (2016). Cairo, Egypt.
- 30. The 2nd FEL/ILO Annual Conference on Decent work and CSR: Linkage and impact on sustainable development.** Conrad, 14 Jan. (2016). Cairo, Egypt.
- 31. Green Economy: A Road Map for Sustainable Development and Poverty Reduction in the Arab Region.** Held on the occasion of the TWAS-ARO 11th Annual Meeting, the Bibliotheca Alexandrina. 16, 17 Dec. (2015). Alexandria, Egypt.
- 32. Cairo Innovates 2, 2nd Cairo International Exhibition of Innovation.** Ministry of Scientific Research & Academy of Scientific Research and Technology. 24, 25 Nov. (2015). Baron Palace, Cairo (Egypt). (Poster)
- 33. Desert Technology 12th International Conference (DT 12).** Conference Hall, Faculty of Agriculture, Cairo University. 16- 19 Nov. (2015). Cairo, Egypt. (Oral presentation)
- 34. 12th Egyptian Conference of Dairy Science and Technology.** 9- 11 Nov. (2015). Cairo, Egypt. (Oral presentation)
- 35. Moringa, nutritional and medical importance.** City of Scientific Research and Technological Applications (SRTA-City). 11 May (2015). Alexandria, Egypt
- 36. Workshop: "Nanotechnology and its biological applications".** City of Scientific Research and Technological Applications (SRTA-City). 20 April (2015). Alexandria, Egypt.
- 37. Milk: The Vital Force.** Annual symposium of the Egyptian Society of Dairy Science. Agriculture Social Club. 1st April, (2015). Cairo, Egypt.
- 38. Symposium of Modern strategies to reduce food contaminants.** Food Toxicology and contaminants Dep., National Research Center. 25 Feb. (2015). Cairo, Egypt.
- 39. 1st Mycotoxin workshop "Modern detection of mycotoxins in food and feed".** City of Scientific Research and Technological Applications (SRTA-City) in collaboration with International Marketing Center (IMC). 10 Feb. (2015). Alexandria, Egypt.
- 40. Cairo Innovates 1, 1st Cairo International Exhibition of Innovation.** American University Cairo (AUC), 19- 20 Nov. (2014). Cairo, Egypt. (Poster & Prototype)
- 41. Workshop on Palm oil and its publications.** Malaysian Palm Oil Council (MPOC) in collaboration with Chamber of Food Industries. 28 Sept. (2014). Alexandria, Egypt.
- 42. BioVision Alexandria 2014.** New Life Sciences: The Next Decade. The Bibliotheca Alexandrina. 7- 9 April (2014). Alexandria, Egypt.
- 43. The symposium of, Future vision for processing of milk and dairy products in Egypt,** National Research Center. 2 April (2014). Cairo, Egypt.
- 44. The 6th Alexandria Conference of Food Science and Technology.** 4- 6 March (2014). Alexandria, Egypt. (Oral presentation)
- 45. The 2nd exhibition of the outputs and applications of scientific research,** Ministry of Scientific Research. 12 May (2013). Cairo, Egypt. (Poster)
- 46. Innovation and Entrepreneurship Day.** 4, 5 May (2011). Alexandria, Egypt. (Poster & Prototype)
- 47. 11th Egyptian Conference of Dairy Science and Technology, "Milk and Dairy Products for a Healthy Future".** Egyptian Society of Dairy Science. 1-3 Nov. (2010). Cairo, Egypt. (Oral presentation)

1. **City of Scientific Research and Technological Applications Winter School Program for University students training, "SRTA City Winter School 2020"**, Alexandria, Egypt. (26 Jan. 2020 -6 Feb. 2020). (Oral Presentation, Poster, Organization & Training)
2. **City of Scientific Research and Technological Applications Summer School Program for University students training, "SRTA City Summer School 2019"**, Alexandria, Egypt. (7 July 2019-12 Sept. 2019). (Oral Presentation, Posters, Organization & Training)
3. **City of Scientific Research and Technological Applications Winter School Program for University students training, "SRTA City Winter School 2019"**, Alexandria, Egypt. (27 Jan. 2019 - Feb. 2019). (Oral Presentation, Poster, Organization & Training,)
4. **Food Processing and Preservation Workshop**. City of Scientific Research and Technological Applications (SRTA-City) in cooperation with The National Council for Women of Egypt. 26 & 29 May (2016). Alexandria, Egypt. (Oral Presentation, Organization & Training)

TRAINING COURSES (PARTICIPATION)

1. **Biodiversity: Applications on Measurement and Statistical Analysis of Biological Data**. City of Scientific Research and Technological Applications (SRTA-City) in cooperation with Arab Society for Fungal Conservation. 25 June (2018). Borg El Arab, Alexandria, Egypt.
2. **SolariX the complete solution**. City of Scientific Research and Technological Applications (SRTA-City). 8 Aug. (2017). Alexandria, Egypt.
3. **Towards a Good Research**. City of Scientific Research and Technological Applications (SRTA-City). 15 May (2017). Alexandria, Egypt.
4. **Elsevier Publishing Campus. Author workshop** at University of Alexandria. 13 Oct. (2016). Presented by Ingrid van de Stadt, Regional Marketing Director.
5. **From Applied Scientific Research to Entrepreneurship Workshop**. Coordinated by The National Council for Women of Egypt. Conference Hall, Faculty of Agriculture, Cairo University. 25, 26 May (2016). Cairo, Egypt. (As a Trainee by invitation from Academy of Scientific Research and Technology, The Egyptian Patent Office).
6. **Texture Profile Analysis of Food Products**. Laboratory of Dairy Microorganisms and Cheese Research, Dairy Science and Technology Department, Faculty of Agriculture, Alexandria University. 23, 24 Apr. (2016). Alexandria, Egypt.
7. **Research Ethics: Basics and Principles**. City of Scientific Research and Technological Applications (SRTA-City). 29 Mar. (2016). Alexandria, Egypt.
8. Specialized training course; **"HPLC Systems Engineering"**. Faculty of Agriculture, Saba Basha, Alexandria University. 6- 8 April, (2015). Alexandria, Egypt.
9. Workshop; **"Chromatography and new techniques in Food Science"**. Faculty of Agriculture, Saba Basha, Alexandria University. Mar. - April, (2015). Alexandria, Egypt.

WEBINARS

Oral Presentation

1. Online meeting on **Metabolomics for food quality and safety (METFOOD)**. Organized by **Prism Scientific Services Group Pty Ltd, Melbourne, Australia**. 22 June (2020). Oral presentation entitled "Fungal mycotoxins and natural antioxidants: Two sides of the same coin and significance in food safety"

Participation

1. Roundtable discussion workshop, **COVID-19 Crisis: Implications for Food Systems in Developing Economies (Focus on Africa)**. Organized by **International Union of Food Science and Technology (IUFoST Scientific), Washington, D.C., USA**. Co-chaired by John Mcdermott, CGIAR/IFPRI Washington and the Hon. Ruth Oniang'o, Rural outreach Programme, Kenya. 17 April (2020)

2. Online workshop, **Improving Scholarly Journal Quality & Global Impact**. Organized by **Egyptian Knowledge Bank (ekb), Egypt**. Representing the Editorial Board of **Microbial Biosystems Journal**. 9 June 2020.

3. Webinar, **COVID-19's Effects on Marine Life and Marine Activities**, organized for the "World Oceans Day 2020" by **National Institute of Oceanography and Fisheries (NIOF) & International Ocean Institute (IOI)**. 30 June 2020

4. On line scientific workshop, **Management and detection of mycotoxins in feed and food**, Organized by **Iraq Association of Mycotoxins and Contaminations, Iraq** in collaboration with **Arab Society of Fungal Conservation, Egypt**. 18 July (2020).

THESIS SUPERVISION

Fortification of some Functional Dairy Products using Chia Seeds. Masters theses, Faculty of Agriculture, Elshatby, Alexandria University, Egypt. (2017- 2019).
= Winner of the 2nd Award of Dream Mashreq Company for Food Industry for encouraging scientific research in the field of food and dairy quality and safety in Egypt (2020)

MEMBERSHIPS

International Associations

1. ISEKI Food Association (European Association for Integrating Food Science and Engineering Knowledge Into the Food Chain)
2. European Mycological Association (EMA)

Local Societies

1. Egyptian Nutrition and Health Coaching Association (ENHCA)
2. Egyptian Society of Dairy Science
3. The Scientific Society of Food Industries
4. Egyptian Society of Food Safety
5. The Society of Food Science and Technology
6. Egyptian Society of Halal Science and Products
7. Arab Society of Fungal Conservation, Egypt Mycologists' Network (EMN)
8. Society of Feeding Mind and Combating Malnutrition.

MEDIA CONTRIBUTIONS

1. Contributions in **Local Television Programs** For simplification of science in the Field of Food Science and Technology and offering simple health advice.
2. Contributions in **Local Radio Programs** For simplification of science in the Field of Food Science and Technology and offering simple health advice.
3. **El Ahram El Zeraie Magazine** article about granted patent, Functional yoghurt-like products with new probiotic LAB entitled, "Fermented milk products prepared with isolated strains that have hypolipidemic effect" . May 2016, p: 40.

VOLUNTEER EXPERIENCE

1. **Training University students** through Winter/ Summer School Programs at SRTACity as a member in Specific Training and Conferences Committee.
2. Spreading **awareness of housewives** in Borg El-Arab community concerning good practices of food processing and preservation in cooperation with The National Council for Women of Egypt through workshops
3. **Media programs for simplifying and spreading nutrition awareness** and good health practices
4. **Lectures for young researchers** for training on Mendeley Reference Manager that aim to better research quality

SCIENTIFIC PROFILES

1. **ORCID** (Open Researcher and Contributor ID) <http://orcid.org/0000-0003-3586-1575>
2. **Scopus Author ID** 57191344293
3. **Web of Science Researcher ID** I-9278-2016
4. **Google Scholar** <https://scholar.google.com/citations?user=4WwD-3QAAAAJ>
5. **Researchgate** https://www.researchgate.net/profile/Amira_Darwish5
6. **Academia** <https://mucsat.academia.edu/AmiraDarwish>
7. **Publons (Global Community of Peer Reviewers):**
<https://publons.com/researcher/1425870/amira-mg-darwish/>
8. **LinkedIn:** <https://www.linkedin.com/in/amira-m-g-darwish-60200286/>
9. **LiveDNA ID:** <http://www.livedna.net/?dna=20.12511>

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