

MOMEN JOMAA ALI MOHAMMED
Food Technology, Clinical Nutrition & Public Health Specialist

† Cairo, Egypt

☎ +20 106 165 4439

|LinkedIn: www.linkedin.com/in/momen-jomaa-cn

|E-mail: momenjomaa.uop@gmail.com

Profile

Dedicated senior researcher passionate about enhancing quality of life through sustainable practices. Committed to leveraging scientific knowledge to achieve personal and communal goals. Strong advocate for sustainability in food technology, public health and nutrition.

Professional Highlights

- 4+ years of combined experience in clinical nutrition, food technology, and academic instruction.
 - Expertise in personalized diet plans for individuals with diabetes, obesity, cardiovascular diseases, and cancer.
 - Active online educator and content creator providing nutritional education through digital platforms.
 - Involved in research and product development related to probiotic foods, bioactive compounds, and sustainable processing.
 - Passionate about linking science, sustainability, and community health through innovation and awareness.
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Skills

- Excellent Communication & Critical Thinking
 - Attention to Detail & Analytical Skills
 - Creativity & Innovative Problem Solving
 - Sustainability Practices & Public Health
 - Ability to Work Under Pressure & Leadership
 - Computer Skills: Microsoft Office (Excel, PowerPoint, Word)
 - Research Design & Data Analysis (R, SPSS)
 - Clinical Nutrition & Diet Planning
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Experience

Online Tutor & Course Instructor

Work at Fillo — Online Instructor- **April 2025-** (Part Time)

- Delivered online courses and supported student learning in various scientific topics related to (Medicine- Food science- Pharmacy- Food Engineering- Nutrition).
- Developed and delivered educational content to students worldwide in subjects like (Food Science, Nutrition, Microbiology, Medicinal plants, Health Science and Medicine subjects).

Research & Teaching Assistant

Work at Heliopolis University – R&TA -Department of Food processing Technology, Faculty of Organic Agriculture- **January 2026-** (full time)

- Develop research topics and project in food science and processing technology
- Develop scientific materials in food processing and technology
- Involved in teaching practical sessions for students

Internships

- **Medical Analysis** — Elsafwa Laboratory, Cairo, Egypt, May 2021 – July 2021
- **Medical Analysis** — Language and Contentious Education Center, Tanta University, Egypt, September 2020 – October 2021
- **Food Processing Technologist**
Agricultural Research Center – Egypt — Jan 2025 to Aug 2025 (Cairo)
 - Gained hands-on experience on the dairy production line/laboratory; formulated several milk-based products; conducted milk analysis, microbiological testing and food safety protocols.
- **Medical Operations Team Member**
Zohairy Hospital — Jun 2023 to Nov 2024 (Cairo)
 - Involved in surgical oncology operations, public health initiatives, infection control and epidemiology of various diseases; supported good practices in operating rooms and post-operative care.
- **Food Technologist**
ISIS Organic — Feb 2022 to Jun 2022 (Egypt)
 - Training in food production, quality control, food safety and production line management for medicinal herbs; hands-on experience on drying, separation, and quality standards.

Co-Founder

FAO Model, Heliopolis University — March 2022

Guest Speaker

FAO Model, Online Session — August 24, 2024

- Presented on qualitative and quantitative research, engaging with professionals and students.

Journal Reviewer

- Reviewer at International Journal of Agriculture and Environmental Information Systems (IJAEIS), from June 2025
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Education

- **Bachelor of Science in Food Processing Technology (BSFT)**
Faculty of Organic Agriculture, Heliopolis University, Egypt
Graduated- January 2025 - (Very Good)
 - **Bachelor of Health Science (BHS, BSHS)**
Faculty of Health Science, University of the People, California, USA
Graduated 20 Aug 2025 - (Very Good)
 - **Post graduate Diploma in General Nutrition (PGD .CN)**
Graduated, Zewail Academy of Egypt, 2025- (Excellent)
 - **Master's degree in clinical nutrition (MCN, Ms.CN)**
Faculty of Medical Sciences, American University of Science, Delaware, USA
Graduated 15 Feb 2026- (Excellent)
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Certifications & Courses

- **Course in Drug Development** — Medix, BUE Center of Drug Development, Faculty of Pharmacy, Summer 2024
- **Diploma in Medical Analysis** — TIPA International Academy for Engineering and Medical Science, Dec 2021
- **Certificate in Human Biology** — University of the People, 2023
- **Certificate in Epidemiology** — University of the People, 2025
- **Certificate in Behavioral Health** — University of the People, 2024
- **Course in Visual Communication** — Sophia Learning, 2022
- **Course in Biology** — Sophia Learning, 2022
- **Course in Human Psychology** — Sophia Learning, 2022
- **Course in Biochemistry** — University of East Anglia, 2023
- **Course in General Chemistry** — Sophia Learning, 2023

Publications

1. **Hussein, M. J. A. M.** (2024). *The influence of probiotic fermented Jerusalem artichoke (*Helianthus tuberosus L.*) on the quality of milk products by lactic acid bacteria.* **International Journal for Holistic Research.**
<https://doi.org/10.21608/ijhr.2024.326621.1031>.
 2. **Hussein, M. J. A. M.** (2026). *From nervous system to nutrition: A review of dietary imbalances, IBS types, and their systemic impacts.* ScienceOpen Preprints.
<https://doi.org/10.14293/PR2199.003094.v1>
 3. **Hussein, M. J. A. M., & Hoa, D. G.** (2026). *From nervous system to nutrition: A review of dietary imbalances, IBS types, and their systemic impacts.* ScienceOpen Preprints. <https://doi.org/10.14293/PR2199.003094.v1>
 4. **Hussein, M. J. A. M., & Al-Amoudi, R. O. A. B.** (2025). *Exploring the inhibitory effects of traditional herbal remedies on *Salmonella spp.* growth.* ScienceOpen Preprints. <https://doi.org/10.14293/PR2199.002634.v1>
 5. **Hussein, M. J. A. M.** (2025). *Nutritional evaluation of spinach-fortified ice cream: A functional dairy dessert with lutein.* ScienceOpen Preprints.
<https://doi.org/10.14293/PR2199.002648.v1>
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Peer-Review Activity

- Reviewer for IGI Global – Book Chapter Peer Reviews.
 - Reviewer for International Journal of Agricultural and Environmental Information Systems.
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Memberships

- **Member of American Society of Microbiology (ASM)**
 - **Member of the American Society for Cancer Research (ASCR)**
 - **Member of the American Society of Clinical Oncology (ASCO)**
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Languages

- Arabic (Native)
 - English (Very Good)
 - German (Good)
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Hobbies

Reading, Drawing, Music