

Academic Curriculum Vitae



Personal Information:

Full Name: ASMAA SAYED AHMED

Academic Title: Lecturer

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Education:

- **2013-2017: (Ph. D in Microbiology).** The title of the thesis is (Molecular Studies on *Azotobacter*, *Rhizobium*, and *Bacillus megaterium* var *phosphaticum* and employ as Biofertilizer). Department of Biology, College of Education, University of Salahaddin, Erbil, Kurdistan Region-Iraq in collaboration with the Mayala University- Kuala Lumpur, Malaysia, 2017.
- **2001-2006 (M.Sc. in Agric. Microbiology).** The title of the thesis is (Microbial Relationships in The Growing Substrate of Oyster Mushroom Under Commercial Production Condition) Department of Agric. Microbiology, College of Agriculture, Ain Shams University, Cairo Egypt.
- **1996-2000: (B.Sc. in Agric. Microbiology).** Department of Agric. Microbiology, College of Agriculture, Ain Shams University, Cairo Egypt.

Employment:

- 2017- until now Lecturer of Microbiology, Department of Horticulture, College of Agricultural Engineering Sciences/ University of Salahaddin.
- 2010-2017 Assist. Lecturer of Microbiology, Department of Horticulture, College of Agricultural Engineering Sciences/ University of Salahaddin
- 2008-2010 Teaching Assistant, Department of Horticulture, College of Agricultural Engineering Sciences/ University of Salahaddin

Qualifications

- Trainer and organizer of courses on mushroom Cultivation. Egypt (2000-2006)
- Trainer and organizer of courses on Bio-Fertilizers Productions. Egypt (2000-2006)
- Trainer and organizer of courses on microbial analysis for food products. Egypt (2000-2006).
- Invigilator on the IELTS exams, British Council, Erbil, Kurdistan region, Iraq 2014-2016.

- Mushroom cultivation consultant from 2006 until now.
- I speak Arabic, English, Kurdish, and Italian well.
- Many computer skills (Word, Excel, PowerPoint, SPSS, and AI).

Teaching experience:

- **Microbiology and Medical Microbiology** for undergraduate students
- **General Botany** for undergraduate students
- **Academic skills** for undergraduate students
- **Ecology** for undergraduate students
- **Genetics** for undergraduate students
- **Plant breeding** for undergraduate students
- **Plant Taxonomy** for undergraduate students
- **Principles of Horticulture** for undergraduate students
- **Diagnosis of food-borne disease** for postgraduate students
- **Microbiology of organic wastes** for postgraduate students
- **Mushroom cultivation** for postgraduate students

Research and publications

Mohamed, A.S.A., Khider, A.K. and Muniandy, S., 2016. Effect of Storage Temperature, Duration and Types of Biofertilizer Carriers on Survival and Numbers of Bacterial Strains *Bacillus megaterium* var. *phosphaticum*, *Azotobacter chroococcum*, *Rhizobium leguminosarum* and Transformant, Transconjugant B. In *International Conference on Agricultural, Food, Biological, and Health Sciences*. <http://dx.doi.org/10.17758/EAP.EAP816211>

Mohamed, A.S.A., Khider, A.K. and Muniandy, S., 2017 Transfer of *nif* genes from Nitrogen fixer *Azotobacter chroococcum* to phosphorus solubilizing *Bacillus megaterium* var. *phosphaticum* by conjugation, ZANCO Journal of Pure and Applied Sciences. 29 (5); 97-111. <http://dx.doi.org/10.21271/ZJPAS.29.5.11>

AHMED, A. S., YASEEN, A. A. & BAKR, T. D., 2021. Effect of Light-Emitting Diodes (LEDs) on Some Physical and Bioactive Compounds of 'Iceberg' Lettuce (L.). *Acta Biologica Marisiensis*, 4(1), pp.21-30. <https://doi.org/10.2478/abmj-2021-0003>

Noraldeen, S.S., Mustafa, S.S. and Ahmed, A.S., 2023. Effect of NPK, Humic Acid, Biofertilizer, and Light Intensity on Vegetative Growth and Bulb Production of *Narcissus Trivandrum* L. and *Hyacinthus orientalis* L. Zanco Journal of Pure and Applied Sciences, 35(1), pp.143-150. <https://doi.org/10.21271/ZJPAS.35.1.15>

Conferences and courses attended

Conferences as Presenter:

- International Conference on Agriculture, Food, Biological and Health Sciences (AFBHS-16) Organized by Eminent Association of Researchers in Biological & Medical Sciences (EARBM) August 22-24, 2016) Kuala Lumpur, Malaysia

(Awarded Best Paper & Best Presenter)

- International Collaborative Conference of Modern Agricultural Technologies (ICCMAT 280) May 3-4,2023 – Erbil “Growing (*Pleurotus pulmonarius*) on various local substrates in the Kurdistan region of Iraq.”

Conferences attended:

- 6th International Conferences and Workshops on Basic and Applied Sciences (6th ICOWOBAS 18-19 March 2017, Erbil- Kurdistan Region -Iraq)
- 5th International Conference on applied science, energy, and Environment (ICASEE April 7th-8th 2018, Faculty of Education, Ishik University, Erbil- Kurdistan Region -Iraq)
- 1st International Nursing Conference Toward Best Nursing Practices: Current Reality and Future Ideas April 10-11, 2019 - University of Raparin, Sulaymaniyah, Kurdistan Region -Iraq
- 2nd International Conference of Engineering and Innovating Technology, that held at college of Engineering, Salahaddin University, Erbil- Kurdistan Region -Iraq
- “2nd Educational Conference of College of Basic Education in Kurdistan Region” held on April 27-28,2019 at college of Basic Education, Salahaddin University, Erbil- Kurdistan Region –Iraq
- “1st ICAS 2019, 1st International Conference Agri. Sciences” held on November 6-7,2019 at College of Agriculture, Salahaddin University, Erbil- Kurdistan Region –Iraq
- “2nd Hawler Pharmaceutical Sciences Conferences” held on November 13-14,2019 at College of Pharmacy, Hawler Medical University, Erbil- Kurdistan Region –Iraq
- “International Conference of Nanotechnology” held on January 22-23,2020 at Salahaddin University, Erbil- Kurdistan Region –Iraq
- “Cancer and Oncology Research Endeavor Symposium” held on February 20, 2020, Erbil- Kurdistan Region –Iraq
- “1st International Scientific Online Symposium” Nanotechnology for Bio-applications 30 May 2020, Established by the Basic Science Department, Kirkuk University.
- المؤتمر الافتراضي التخصصي الثاني لكلية الآداب قسم الجغرافية والمنعقد عبر منصة Zoom بالتعاون مع منظمة ESRI وجامعه Szczeoin البولندية (تطبيقات نظم المعلومات الجغرافية GIS في البحوث المكانية ١٠-٢٠٢٠/٦/١١)
- International Collaboration Conference of Modern Agriculture Technology (ICCMAT) 24-25 March 2021.
- International conference Scientific translation, simplification of sciences, and improvement of research skills held on 3-4 July 2022.

Courses organize:

- **1st mushroom cultivation workshop held on 23 November 2022**, College of Agriculture Engineering Sciences, Salahaddin University, Erbil, Kurdistan Region, Iraq.

Courses attended:

- **Training course in practical training course on sample preparation and examination using scanning electron microscope**, Ain Shams University, Cairo Egypt (2010).
- **Biology Phenotype Microarrays Technology Hands-on Workshop**, Held at High Impact Research, University of Malaya, on 1-2 June 2016, Kuala Lumpur, Malaysia
- **Ligand- Protein Interaction: Molecular Simulation Approach**, 7-8 June 2016, Provided and Organized by Center of Research for Computational Sciences & Informatics for Biology, Bioindustry, Environment, Agriculture, and Healthcare (CRYSTAL), University of Malaya, Kuala Lumpur, Malaysia
- **Affymetrix Human Transcriptome Microarray workshop**, Held at High Impact Research, University of Malaya, on 19-20 July 2016, Kuala Lumpur, Malaysia
- **Course on UHR Field Emission Scanning Electron Microscope, STEM, EDS& Sample Preparation**, Department of Chemistry, Faculty of Science, University of Malaya, on 26-28 July 2016, Kuala Lumpur, Malaysia
- **Technical Training on Applied Biosystems® StepOne™ /StepOne Plus™ Real Time PCR system – Technology, Workflow & Application**, Faculty of Medicine University of Malaya, on 3-4 August 2016, Kuala Lumpur, Malaysia
- **“Next-generation Sequencing: Data Analysis of Prokaryotic Genome on Linux Environment (References-based & de novo assembly)”** 9-11 August 2016, Provided and Organized by Center of Research for Computational Sciences & Informatics for Biology, Bioindustry, Environment, Agriculture, and Healthcare (CRYSTAL), University of Malaya, Kuala Lumpur, Malaysia
- **Effect of H. pylori on Public Health**, Organized by Knowledge University on June 25th, 2018, in Erbil, Kurdistan, Iraq
- **Molecular Biology and Genomics** Organized by **Research Center** Salahaddin University, Erbil- Kurdistan Region –Iraq, **21 November to 8 March 2023**

Funding and academic awards

Ph.D. Spilt Sadie 2013 - 2017 Salahaddin University, Ministry of Higher Education, Kurdistan, Iraq, and Malaya University Total support: 50,000 \$

Masters Scholarship 2001 – 2006 Ain Shams University, Cairo, Egypt

Professional memberships

- Member of Cairo MERCN, Cairo, Egypt 2000 -2006
- Member of MRPU Cairo, Egypt 2000 -2006
- Member of Application microbiology society Cairo, Egypt
- Member of a syndicate of agricultural engineering of Kurdistan-Erbil from 2006 until now.
- Member of the syndicate of the Kurdistan teacher union.

Professional Social Network Accounts:

ORCID: <https://orcid.org/0000-0003-3984-1619>

Academic Profile: <https://academics.su.edu.krd/asmaa.ahmed>

Research Gate https://www.researchgate.net/profile/Asmaa_Ahmed34

Linked In: <https://www.linkedin.com/in/asmaa-ahmed-449693144/>

Scholar Account: <https://scholar.google.com/citations?hl=en&user=QW-ixOkAAAAJ>