

Curriculum Vitae



Personal information

Name : Lamiaa Adel Abou-Elez Ahmed Salama.
Marital status : Married.
Nationality : Egyptian.
Address : Mansoura.
Date of birth : 22 /10/1983
Mobile : 01000469817-01279966356
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Occupation : Lecturer of Microbiology and Immunology, Microbiology and Immunology Department, Faculty of pharmacy, Horus University, New Damietta, Egypt.

Education

- **2021**, Ph.D. Degree in Pharmaceutical Sciences (Microbiology and Immunology), Faculty of Pharmacy, [Mansoura University, Mansoura Egypt](#).
- **2016**, passed the preliminary exams of Ph.D. Degree.
The title of Ph.D. dissertation: "Clinical and Molecular Characterization of *Proteus mirabilis* Isolates from Urinary Tract Infection".
- **2014**, Master Degree in Pharmaceutical Sciences (Microbiology and Immunology), Faculty of Pharmacy, [Mansoura University, Mansoura, Egypt](#).
The title of Master Degree dissertation: "Epidemiological studies on the incidence of *Klebsiella pneumoniae* isolated from Mansoura hospitals, Egypt".
- **2005**, Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, [Mansoura University, Mansoura, Egypt](#).
- Cumulated Grade: **very good**.

Work Experience

- **November 2024 till now, Lecturer of Microbiology and Immunology**, College of Pharmacy, Uruk University, Baghdad, Iraq.
- **2021-2024, Lecturer of Microbiology and Immunology**, Faculty of Pharmacy, Horus University, New Damietta, Egypt.
 1. Preparing and Teaching Microbiology and Immunology-related courses, such as **General Microbiology, Immunology, Virology, Mycology, Pharmaceutical Microbiology, Medical Microbiology, Parasitology, Molecular Biology and Pharmaceutical Biotechnology**,
 2. Preparing and Teaching Microbiological Lab Techniques, to undergraduate Pharm-D and Clinical Pharmacy students in Horus University, Egypt.
 3. Training under graduate students on different experimental techniques and research methodologies.
 4. Supervision of research projects for Pharmacy Student Graduation 2023, Bronze Batch.
 5. Participation in reviewing research projects for secondary school students at STEM schools.
 6. Supervisor on a group of Dakahlia STEM Students in intel ISEF international Fair and achieving the **3rd Place, Biomedical category, Egypt**. The title of Research Project: **Adenocarcinoma**.
 7. Member in committee of preparing Self annual report of **Faculty of Pharmacy, Horus University, New Damietta, Egypt**.
 8. Participating in quality assurance standards (student and graduates standard) and member in preparing Strategy Plan in Quality Assurance Unit, **Faculty of Pharmacy, Horus University, New Damietta, Egypt**.
 9. Academic advisor for undergraduate students.
 10. Supervision on the summer training of the undergraduate students.
 11. Supervisor for teaching assistants and demonstrators.
 12. Participation in the preparation of the theoretical and practical exams for undergraduate students.
 13. Supervision of the practical course for undergraduate students.
 14. Participation in the control work of undergraduate students.
 15. Microbiology and Immunology Department coordinator in clinical and pharm D Pharmacy Programs.

16. Proctoring during periodical and final practical and theoretical exams.

17. Participating with Poster in Mansoura Scientific Conference; 2021.

Title of the poster: "Assessment of typing methods, virulence genes profile and antimicrobial susceptibility for clinical isolates of *Proteus mirabilis*".

- **2017-2021, Assistant lecturer of Microbiology and Immunology, Faculty of Pharmacy, Horus University, Egypt.**
- **2018, Participating in Microbiology and Immunology Department Scientific 5th Conference; Mansoura University, Mansoura, Egypt.**
- **2015, Pharmacist at Student University Hospital, Mansoura University.**
- **2012-2015, Assistant Research at Drug Analysis Unit, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.**
 - 1. Analyzing Pharmaceutical and Medical preparations from several University Hospitals and giving approval for use.**
 - 2. Detection of microbial contamination and make sterility test for surgical preparations according to pharmacopeia.**
 - 3. Demonstrator at Microbiology laboratories, of Microbiology and Immunology Department, Faculty of Pharmacy, Mansoura University, Mansoura, Egypt.**
- **2007-2012, Pharmacist at Student University Hospital, Mansoura University, Mansoura, Egypt.**
 - 1. Dispensing prescription medications and providing information to patients about the drugs and their use.**
 - 2. Advising physicians and other healthcare workers on the selection, dosage, interactions, and side effects of medications to treat health problems and avoid multidrug resistance.**
 - 3. Infection Control Awareness among staff members of Mansoura university hospital to avoid bad hygiene and Nosocomial infection.**
- **2006-2007, Pharmacist at the Health Unit at Faculty of Education, Medical Administration Affairs, Menoufia University, Menoufia, Egypt.**

Title of research

- Synthesis, characterization, and pharmaceutical activities of new metallated ionic chitosan Schiff base hydrogels as potential chemotherapeutic agents. Heba W Alhamdi, Norah F Alqahtani, Eman Fayad, [Lamiaa A Salama](#), Hanadi A, Katouah, Dalal S Alshaya, Mohammad Y Alfaifi, Serag Eldin I Elbehairi, Amany A Elkashef, Reda FM Elshaarawy (2025), *Reactive and Functional Polymers*. 212 (106212).<https://doi.org/10.1016/j.reactfunctpolym.2025.106212>.
- Advancement insights in cancer vaccines: mechanisms, types, and clinical applications. Kamel Gellan Alaa Mohamed, Attia Rasha A., Al-Noman Hifaa G., [Lamiaa A. Salama](#) (2025), *Molecular Biology Reports*, 52(1): 1-19. DOI: <https://doi.org/10.1007/s11033-025-10370-0>.
- Assessment of typing methods, virulence genes profile and antimicrobial susceptibility for clinical isolates of *Proteus mirabilis*. [Lamiaa A. Salama](#), Saleh, H.H., Abdel-Rhman, S.H. et al (2025). *Annals of Clinical Microbiology and Antimicrobials*. 24(1), 4. <https://doi.org/10.1186/s12941-024-00770-8>.
- Impact of Neutrophil Extracellular Trapping on Hypervirulent *Klebsiella pneumoniae* in Type 2 Diabetes Mellitus. [Lamiaa A. Salama](#), Eleraky, E. S., Fawzy, I. M., Selim, Z. Y., Elageery, S. M., Abou El-Khier, N. T., ... & Elnagar, R. M. (2025). *Egyptian Journal of Medical Microbiology*, 34(2). <https://doi.org/10.21608/ejmm.2024.335543.1369>.
- Molecular Characterization of Carbapenamases in Hypervirulent *Klebsiella pneumoniae* Isolates among Pediatric Patients. [Lamiaa A. Salama](#), Safaa M. Elageery, Nashwa M. Alkasaby, Noha T. Abou El-Khier, Iman M. Fawzy, Mayada S. Zeid, Dina F. Badr (2025), *Egyptian Journal of Medical Microbiology*, 34:1. <https://doi.org/10.21608/ejmm.2024.322402.1342>.
- In vitro Effect of Vitamin D on the Levels of Cytokines and Apoptosis Related Markers in Systemic Lupus Erythematosus. Hifaa G. Al-Noman, [Lamiaa A. Salama](#), Iman M. Fawzy, Mohamed M. Elzayady, Abeer A. Mahmoud, Maggie R. Mesbah, Safaa Mohamad Elageery, Nashwa M. Alkasaby, Dina F. Badr (2025), *Egyptian Journal of Medical Microbiology*, 34:1. <https://doi.org/10.21608/ejmm.2024.335543.1369>.
- Piracetam mitigates nephrotoxicity induced by cisplatin via the AMPK-mediated PI3K/Akt and MAPK/JNK/ERK signaling pathways. Ahmed M. El-Dessouky, Amany A. Alzokaky, Nahed A Raslan, Samar Ibrahim, [Lamiaa A. Salama](#), Eman H.

Yousef (2024), *Journal of International Immunopharmacology*, 137:112511.
DOI: [10.1016/j.intimp.2024.112511](https://doi.org/10.1016/j.intimp.2024.112511).

- Phenotypic and genotypic characterization of Extended Spectrum β -lactamases producing *Proteus mirabilis* isolates. [Lamiaa A. Salama](#), Hazem Saleh, Shaymaa Abdel-Rhman, Rasha Barwa, Ramadan Hassan (2021), *Records of Pharmaceutical and Biomedical Sciences*, Faculty of Pharmacy, Suez Canal University, 5(2), 89-99. <https://dx.doi.org/10.21608/rpbs.2021.81598.1107>.
- Characteristic Features of Coronavirus Disease-2019 (COVID-19) Pandemic: Attention to the Management and Control in Egypt. Mohamed Y Elshabrawy, Haneen M Abdelaleem, Basant E Elhammady, Weam Abosaleh, [Lamiaa A. Salama](#), Sara Badreldeen, Mohamed Yasser, Abdelaziz Elgaml (2021), *Journal of Disaster Research*, 16 (1), 70-83. <https://doi.org/10.20965/jdr.2021.p0070>.
- Random amplified DNA polymorphism of *Klebsiella pneumoniae* isolates from Mansoura University Hospitals, Egypt. Ramadan, H., Rasha, B., Mona, I. S., & [Lamiaa, A.](#) (2015), *African Journal of Microbiology*, 9(9), 621-630. <https://doi.org/10.5897/AJMR2014.7256>.
- Comparative Studies on Different Molecular Methods for Epidemiological Typing of Multi-Drug-Resistance *Klebsiella pneumoniae* Isolated from Mansoura Hospitals. R Hassan, R Barwa, MI Shaaban, [L Adel](#) (2014), *New Egyptian Journal of Microbiology*, 39(1), 14-29.

Technical Summary:

- Routine Molecular Biology techniques and gene expression " PCR Technique ".
- Phenotypic and Molecular Techniques of Microbiology.
- Excellent teamwork and communication skills.
- Ability to work independently is required as well as the need to communicate effectively with both colleagues and investigators.
- Able to work under pressure.
- Team participating and capable of interacting with multinational environment.
- Quick to learn and assimilate new concepts.
- Ability to learn and solve problems fast and independently.
- Ability to lecture in front of audience.

- Ability to Prepare the Lab material & manual as power point presentations.
- Ability to effectively communicate with people, students and build up client relationship skills.

Career Objective

- To develop a congenial atmosphere in the organization so is to maintain coordination in the organization and to achieve the objectives and continuously aiming towards innovation, perfection and excellence.

Strengths & Areas of Expertise

- Goal oriented & ready to take on new challenges, industrious, self - motivated, ambitious, articulate, persuasive, and demonstrates independent initiative.

Language

ARABIC: *Fluent.*

English: *Fluent. TOEFL test score: 92*

Office: *International Computer Driving License (ICDL).*

Professional member ships:

- ❖ Egyptian syndicate of pharmacists.

*Thank you for giving me
opportunity for working with
you*