

# MOHAMED ATEEBA

GRADUATE TEACHING ASSISTANT

🏠 Alexandria, Egypt  
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## Profile

Graduate Teaching Assistant with a Master's degree in microbiology and immunology. Experienced in supporting undergraduate teaching through effective instructional methods, laboratory assistance, and academic mentoring. Contributes to student learning and academic success through structured guidance, assessment support, and engagement in research.

## Experience

### Graduate Teaching Assistant

**Arab Academy for Science, Technology and Maritime Transport | 2023 - Present, Alexandria**

- Supported the delivery of undergraduate microbiology courses through tutorials, practical sessions, and academic support activities.
- Assisted students with study planning, problem solving, and comprehension of core microbiology concepts.
- Contributed to student engagement and academic development by providing structured guidance aligned with course objectives.

### Soldier Medic

**Security Forces Camp | Oct 2021 - Nov 2022, El-Beheira, Egypt**

- Performing the mandatory military duty.
- Attending sickened soldiers and officers by what necessary for them to have full health
- Being sent as a representative for the camp to obtain important papers or to deliver soldiers with mental illness to their destinations

## Competences

- ✓ **Teaching**
- ✓ **Active Learner**
- ✓ **Project Management**
- ✓ **Academic Writing**
- ✓ **Laboratory Management**

## Skills

### Languages



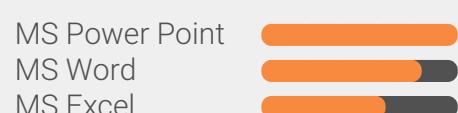
### Interpersonal Skills



### Personal Skills



### Microsoft Office



## Academic & Research Projects

### **INVESTIGATION OF COLISTIN ACTIVITY AND ITS POSSIBLE RESISTANCE MECHANISMS AMONG CARBAPENEM-RESISTANT GRAM-NEGATIVE BACTERIA ISOLATED FROM BLOODSTREAM INFECTIONS FROM ALEXANDRIA, EGYPT (THESIS)**

**Alexandria University | 2022-2025**

Discussing the epidemiology and different mechanisms of resistance of the two last-resort antibiotics carbapenems and colistin of the bacterial species isolated from bloodstream infections in Alexandria as my thesis for my master's degree in Microbiology and Immunology

### **FROM PLANTS TO NANOMEDICINE: CLOVE OIL ENCAPSULATED IN NANOSTRUCTURED LIPID CARRIERS (NLCS) FOR ENHANCED ANTIBACTERIAL APPLICATION (SUPERVISOR)**

**Arab Academy for Science, Technology and Maritime Transport | 2025**

Undergraduate Research Project (Supervisor): Supervised a student research project investigating the antimicrobial activity of clove oil and its potential enhancement using nanostructured lipid carriers (NLCS). Guided students in designing and performing advanced microbiological assays, including broth microdilution testing, while ensuring strict adherence to laboratory safety standards and professional research practices.

### **A DETAILED LOOK INTO THE ISSUES CONCERNING ORPHAN DRUGS DEVELOPMENT AND THEIR COMMERCIALISATION (STUDENT PRESENTER)**

**DUPHAT | 2021**

Obtaining information about the challenges that hinder the development and commercialisation of drugs that treat rare diseases (Orphan drugs)

### **CANDIDA AURIS: THE FUNGAL THREAT TO ARAB COUNTRIES (STUDENT PRESENTER)**

**DUPHAT | 2020**

Discussing the epidemiology of *Candida auris* -A type of fungi that is highly deadly-in the world, particularly in the Arab Countries

### **THE CONTROVERSIAL ROLE OF AUTOPHAGY IN CANCER: CURE OR CAUSE (STUDENT PRESENTER)**

**DUPHAT | 2019**

Searching for the roles of the cellular process known as Autophagy and whether it plays a beneficial or harmful role in cancer formation

### **EVALUATION OF ANTIMICROBIAL SUSCEPTIBILITY PATTERN OF BACTERIA ISOLATED FROM URINARY TRACT INFECTION PATIENTS, ALEXANDRIA, EGYPT (STUDENT PRESENTER)**

**DUPHAT | 2018**

Obtaining hundreds of microbiological result sheets from patients living in Alexandria and categorise different microbes that caused urinary tract infections based on their species and antibiotic resistance

### **ASSESSMENT OF RESEARCHES CONDUCTED ON ALGAE WORLDWIDE FOR DISCOVERY OF BIOACTIVE MOLECULES TO TREAT DIFFERENT AILMENTS (STUDENT CO-AUTHOR)**

**DUPHAT | 2017**

Surfing the web for articles specialised in the use of algae to treat a certain ailment and then categorise the obtained articles based on the type of algae they used, the bioactive molecules within it and the ailment that it helps to treat

## Publications

Ateeba, M., El-Kholy, M., Alseqely, M., Edward, E., & El-Nakeeb, M. (2025). Dissemination of carbapenem and colistin resistance in Gram-negative bacteria: the emerging role of novel  $\beta$ -lactam/ $\beta$ -lactamase inhibitors for managing a global dilemma. *Advances In Medical, Pharmaceutical And Dental Research*, 5(2), 291-313. doi: <https://dx.doi.org/10.21622/AMPDR.2025.05.2.1790>

## Education

### **Master in Pharmaceutical Sciences "Microbiology & Immunology"**

**Faculty of Pharmacy, Alexandria University | Feb 2022 - Nov 2025, Alexandria, Egypt**

- Thesis title: Investigation of colistin activity and its possible resistance mechanisms among carbapenem-resistant Gram-negative bacteria isolated from bloodstream infections from hospital laboratories in Alexandria, Egypt
- Research focus: Antibiotic resistance and bloodstream infections

### **Bachelor of Pharmacy Program (B.Pharm)**

**Arab Academy For Science, Technology and Maritime Transport | 2016 - 2021, Alexandria, Egypt**

- GPA 4.00/4.00 (First in Class 2021)

### **General Secondary Education**

**Smouha English School | Sept 2013 - June 2016, Alexandria, Egypt**

- School leaving certificate science department (395.5/410)

## Certifications

 **Certificate of Completion, Credit Hour System and Academic Advising**

 **Certificate of completion of Educational Preparation Course for Graduate Teaching assistants and lecturers**

 **Clinical Skills Certificate for International Pharmacy, ashp**

#### **Certificate of Merit, DUPHAT**

- Top 8th Best Presentation Pharmacy Student Poster Award 2018
- Top 9th Best Presentation Pharmacy Student Poster Award 2019