

## Curriculum Vitae

# Amany Ibrahim Mohamed Gad

**Address:** Cairo, Egypt  
**E-mail:** [aigad@ecu.edu.eg](mailto:aigad@ecu.edu.eg)



### EDUCATION:

1. **Ph.D.** of Pharmaceutical Sciences in Microbiology and Immunology at Faculty of Pharmacy, Zagazig University, Egypt.  
**Title of Ph.D. thesis:** Repurposing of some non-antimicrobial FDA approved drugs to combat antimicrobial resistance and virulence of some pathogenic microbes.
2. **Master** of Pharmaceutical Sciences in Microbiology and Immunology at Faculty of Pharmacy, Zagazig University, Egypt.  
**Title of M.Sc. thesis:** Role of biofilm in diabetic foot infection and its management.
3. **Bachelor** of Pharmaceutical Sciences at Misr International University, Egypt.

### EXPERIENCES:

#### Working:

- **Lecturer** at Microbiology and Immunology Department, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University, Cairo, Egypt (since October 2022 till now).
- **Lecturer** at Microbiology and Immunology Department, School of Pharmacy, Badr University in Cairo (since March 2022 till September 2022).
- **Assistant Lecturer** at Microbiology and Immunology Department, Faculty of Pharmacy, Badr University in Cairo (since November 2020 till February 2022).
- **Assistant Lecturer** at Microbiology and Immunology Department, Faculty of Pharmacy, Horus University in Egypt (since September 2017 till October 2020).
- Surveillance Doctor of Infectious Diseases at Infection Control Department of Al Ahrar Teaching Hospital.
- Pharmacist at Al Ahrar Teaching Hospital.
- Pharmacist at Misr pharmacy.

#### Training:

- Participated in “**New Eurasian Continental Bridge International Talent Exchange Program**” at **Jiangsu Ocean University, Lianyungang, China**, since July 23<sup>rd</sup> till August 5<sup>th</sup>, 2023.
- “**Design and production of electronic courses; MOOCs design and production**” at FLDC, Helwan University on June 18<sup>th</sup> & 19<sup>th</sup>, 2023.
- “**Egyptian Knowledge Bank**” October 4<sup>th</sup>, 2022.
- “**Acquiring Faculty Members, the Skills of Publishing Scientific Research Internationally**” at Badr University in Cairo on March 28<sup>th</sup>, 2022.
- “**Control Work and Exam Rules**” at Badr University in Cairo on January 1<sup>st</sup>, 2022.

- **“Acquisition of Faculty Members Effective Presentation Skills”** at Badr University in Cairo on November 22<sup>nd</sup>, 2021.
- **“Using Global Databases, Managing, Organizing Scientific References and Avoiding Plagiarism”** at Communication and Information Technology Center, Zagazig University, Egypt on 20-21 August, 2019.
- Workshop at Misr International University on September 27<sup>th</sup>, 2016 about **“New trends in oncology: a focus on nutrition, anticoagulation management and beyond”**.
- Basic life support & 1<sup>st</sup> aid (**El-Helal El-Ahmar**).
- **Quality Control Inspector & Microbiologist at EIPICO.**

### Researches:

- Drug Repurposing.
- Hepatitis C Virus.
- Diabetic Foot Infections.

### COURSES:

- Chinese Language at **Jiangsu Ocean University, Lianyungang, China**, since July 23<sup>rd</sup> till August 5<sup>th</sup>, 2023.
- Pharmacovigilance and adverse drug reactions monitoring.
- Pharmacovigilance with chest diseases.
- Clinical Microbiology.
- Principles of Marketing.
- Pharmaceutical preparation.
- Infection control skills (ICS).
- Quality management promotion.
- Arab societies.
- Business.
- General English at MIU.
- Microsoft (Word-PowerPoint) at MIU.

### Graduate Courses

#### **Pre-master courses**

- Biostatistics
- Instrumental Analysis
- Molecular Biology
- Physiology
- Drug interaction
- Drug Induced Diseases

#### **Master Courses**

- Advanced Pharmaceutical Microbiology
- Clinical Microbiology
- Advanced Microbial Biotechnology

#### **PhD courses**

- Pathogenic Bacteriology
- Diagnostic Microbiology
- Molecular Typing, grade

## **OTHER ACTIVITIES:**

- Participated in **Kazakh-Chinese Institute of International Business and Economics (Astana International University) Summer School 2023**, and successfully completed all communication activities, including: Chinese Classes, Culture experience, Economics seminar and Fieldtrips, at **School of International Education of UIBE, Beijing, China**, August 2023.
- **Won The Third Prize of “The Third Eye on China” short video competition**, at **Jiangsu Ocean University, Lianyungang, China** on August 4<sup>th</sup>, 2023.
- Presenting a poster entitled **“The anti-virulence activity of Amlodipine on *Pseudomonas aeruginosa*”** at the 11<sup>th</sup> International Scientific Conference of Cairo University “Authenticity for Excellence in Pharmacy” on May 14<sup>th</sup> & 15<sup>th</sup>, 2023.
- Holds the title of **“The Ideal Pharmacist”** for the year 2017 & 2023 from Sharkia’s Pharmacists Syndicate.
- Participation in the 5<sup>th</sup> Scientific Conference of the Faculty of Pharmacy, Zagazig University on October 28<sup>th</sup>, 2015 with a talk about abstract **“Eradication of biofilms formed by bacteria isolated from diabetic foot infections by potential antibiofilm agents alone and in combination with ciprofloxacin”**.

## **PUBLICATIONS:**

1. Amira M. El-Ganiny, **Amany I. Gad**, Mona A. El-Sayed, Moataz A. Shaldam, Hisham A. Abbas (2021). The promising anti-virulence activity of candesartan, domperidone, and miconazole on *Staphylococcus aureus*. Braz J Microbiol. <https://doi.org/10.1007/s42770-021-00655-4>
2. Hisham A. Abbas, **Amany I. Gad**, Mona A. El-Sayed, Amira M. El-Ganiny (2021). Impeding Virulence of *Candida albicans* by Candesartan and Domperidone. Curr Microbiol 78(11): 3957-3967. doi: 10.1007/s00284-021-02663-x. Epub 2021 Sep 22. PMID: 34550434.
3. Hisham A. Abbas, **Amany I. Gad** (2014). Eradication of biofilms formed by bacteria isolated from diabetic foot infections by potential antibiofilm agents alone and in combination with ciprofloxacin. Afr J Microbiol Res 8(49): 3882-3892. <https://doi.org/10.5897/AJMR2014.7110>
4. Hisham A. Abbas, Mona A. El-Sayed, Laila M. Al-Kadi, **Amany I. Gad** (2014). Diabetic foot infections in Zagazig University Hospital: bacterial etiology, antimicrobial resistance and biofilm formation. Research J Pharm Tech 7(7): 783-788.

## **LANGUAGES:**

- **Arabic** : Mother Tongue
- **English** : Excellent written and spoken
- **French** : Fair

## **TEACHING CAPABILITIES**

- Microbiological techniques.
- General Microbiology.
- Clinical Microbiology.
- Immunology.
- Public health and preventive medicine.
- Traditional and molecular typing of microorganisms
- Diagnostic microbiology
- Pharmaceutical microbiology
- Biotechnology

### **SKILLS:**

- Microbiological techniques.
- Protein analysis by polyacrylamide gel electrophoresis.
- PCR, RT-PCR
- Drug repurposing
- Inhibiting microbial virulence factors
- Assessment of biofilm formation and biofilm antibiotic susceptibility assay.
- Biofilm inhibition and dispersal techniques.
- Visualization of biofilm by Scanning Electron Microscopy.
- Combating antibiotic resistance.

### **Computer Skills:**

- **ICDL:** Managing Files (Windows), Word Processing (Word), Spread sheet (Excel), Database (Access), Presentation (Power Point), Spsswin, Latex, Internet.

### **Personal Skills:**

- Teaching capability.
- Good presentation & communication skills.
- Capable of working under stress.
- Interpersonal skills.
- Self-confidence & enthusiastic.
- Capable of organizing study groups.

References available upon request.