

# HAMZAH BASIL MOHAMMED



BAGHDAD, IRAQ



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29.01.1989



## Personal statement

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Highly dedicated and knowledgeable Entry Level Biologist with an exceptionally broad and deep educational background. Adept and thorough researcher with a meticulous and rigorous approach to experiment accuracy and verification. Able to explain complex biochemical and microbiological concepts to both lay and professional audiences in a clear and accessible manner

## Education

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- **2018 – 2021 Ph.D. Degree in Biology**  
Faculty of Biology at University of Bucharest, Bucharest, Romania
- **2012 – 2015 M.Sc. Degree in Biotechnology**  
Faculty of Biology in University of Bangalore, Bangalore, India  
Biotechnology
- **2007 – 2011 B.S. Degree in Biochemical Technology**  
University of Technology, Baghdad, Iraq

## PERSONAL SKILLS AND COMPETENCES

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### Laboratory Skills

- Proficient in clinical immunological and bacteriological techniques.
- Expertise in cell and tissue culture.
- Expertise in flow cytometry, Western Blott, ELISA
- Expertise in PCR, real-time PCR.

## PERSONAL SKILLS AND COMPETENCES

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**Language skills:**      Arabic language – Fluent  
                                 English language – Fluent  
                                 Romania language – Good

### **Communication skills and competences**

- Good communication skills and ability to work in a team
- Excellent organizational and administrative skills;
- The ability to be firm, encouraging and empathetic at the same time;
- Able to manage escalation, issues and risks;
- Experience of dealing with emotional and stressful situations
- Can motivate others through effective communication skills
- Able to deal with hostility in the form of verbal and physical aggression
- Ability to work independently in a busy environment

### **Computer skills and competences**

- Microsoft Office user ( Word, Excel, Power Point, Office )
- Windows, Linux
- Picassa, Adobe

## WORK EXPERIENCE

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### **Translator and coordinator 2014 - 2016**

#### **Translator and coordinator at “Bangalore Health Care Center”**

#### **Bangalore, India**

Providing help with translation and coordination for both outpatients and inpatients. Responsible for offering a good experience to foreign patients, providing translation services and coordination to the highest standard

#### **Duties:**

- Providing a high standard of translation service to patients.
- Organising & prioritising own workload & delegating responsibilities accordingly.
- Ensuring that equipment used in carrying out physiotherapy duties is safe

## Professional Development Activities & Certifications

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- Training course in medical diagnostic tests, University of Baghdad, Baghdad, Iraq, 2012
- Basic skill advancement programmer on molecular cloning, Indian academy degree college, Bangalore, India, 2013.
- COVID-19 :Operational Planning Guidelines and COVID-19 Partners Platfrom to support country and response, World Health Organization .2020
- Coronavirus in the US: Facts ,Fictions and Parctical Tips , HARVARD MEDICAL SCHOOL 2020
- Lets Break the Chain of COVID-19 infection, The Mohammed Bin Rashid University of Medicine and Health Sciences .2020
- Certificate in teaching methods , Baghdad, Iraq, 2021

## Conferences

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- In *Vitro* Antimicrobial Activity Assay of Silver Nanoparticles Functionallized with Cystine ,<sup>1</sup>Department of Botany and Microbiology, Faculty of Biology, University of Bucharest, 2018
- Phenotypic investigation of virulence features in opportunistic bacterial strains isolated from the hospital environment , ECCMID , Amstardam - Natherland , 13-16 April 2019
- Core-shell nanoparticles functionalized with essential oils with antimicrobial activity Research Institute of the University of Bucharest, Bd. M. Kogălniceanu 36-46, 050107, Bucharest, Romania ,2019
- *In vitro* assay of silver nanoparticles efficiency in comparison with conventional antifungals against planktonic and biofilm-forming *Candida albicans* isolates from hospitalized patients, , ECCMID, , Amsterdam, Netherlands, 13 – 16 April 2019
- Nextgene Genomics and Bioinformatics Technologies .NGBT, Bangalore, India, 2014
- 6<sup>th</sup> Annual Meeting of the Proteomics Society, IIT Bomabay, India PSI 2014

## Publications

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- Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in *Pseudomonas aeruginosa* Clinical Strains, 2021
- Antibiotic resistance features in *Klebsiella pneumoniae* and *Escherichia coli* strains isolated from hospital and community acquired urinary tract infections, 2021
- Antibiotic resistance determinants of *Acinetobacter baumannii* strains isolated from nosocomial infections ,1University of Bucharest, Faculty of Biology,2021
- Antibiotic sensitivity of gold and silver nanoparticles against enterococcal pathogens , March, 2015
- ANTIBIOTIC RESISTANCE AND CONTAMINATED WATER BODIES, 2015
- PLASMID STABILITY AND MAINTENANCE OF COPY NUMBER USING NATURAL MARKER, August,2015
- Healing Effects of Wheat Grass (*Triticum aestivum* L) Extracts on RBC Membrane Damage, 2014
- Amplification of *ndvB* gene and biofilm formation studies in *Escherichia coli*, 2014