Fatimah M Hadadi

Personal:

Area of specialization: Microbiology, Biotechnology and Genetic, Microbial Genetic.

Language: Arabic as mother tongue and English

Email: toma_990@hotmail.com

Mob:0556622163

Education:

2015-2021 **PhD in Biology, King Abdulaziz University**

2009-2011 **MSc in Applied Biomolecular Technology, University of Nottingham**

- Modules: Structural Biology, Basic Laboratory Technique, Industrial and Biomedical

  Macromolecules, Genetic Analysis and Bioinformatics, Polysaccharides and Drugs

  Delivery Biotechnology, Fundamentals of Biomolecular Science, Microbiology and

  Biotechnology and Antibody Biotechnology.

MSc& PhD Technical Skills:

- Genetic engineering techniques: Cloning, expression and purification of Green Fluorescent Protein (GFP) in *E. coli*
- Basic Laboratory Techniques
- Protein Crystallography
- Use of Viscometry, SEC-MALLS and Analytical Ultracentrifuge for molecular weight estimation.
- SDS-PAGE, Protein purification and Column Chromatography
- Restriction enzyme analysis.
- Spectrophotometry, Centrifugation, Microscopy
- Competent with most Microsoft office program, Internet explorer, RASMOL, COVOL and PERKINS program .

1999-2004 **BSc in Microbiology, King Abdul Aziz University, Saudi Arabia**

- Modules of Major Specialisation: Principles of Genetics, Virology, Bacteriology,

  Parasitology, Industrial Microbiology, Medical Microbiology, Microbiology Pollution,

  Microbial Genetics, Microbial Techniques.

- BSc projects: The usage of Garlic as an antibiotic on different strains of Staphylococcus.

- Using various sorts of Garlic from and determining effect on Staphylococcus by making
- Comparisons between Garlic and antibiotics.

Additional Education:

31 Oct 2008- 18 Sep2009 **University of Nottingham Centre for English Language Education**

- Course improve English spoken and academic writing.

Relevant Experience and Training:

1 st June- 31 st July 2002 **Trainee in Ghassan N. Pharaon General Hospital**

15Oct2003-19Jan2004 **Trainee in King Fahad Hospital**

- Laboratory Techniques in Microbiology and Parasitology Lab: utilizing different media
  and culturing various samples from patients to detect pathogenic bacteria, Staining bacteria to determine whether not pathogenic, also to record descriptions for organisms found under microscopic field.

- Trainee in Biochemistry, Hematology Department and Blood Tacking.

1 stAug- 31 st Dec2004 **Trainee in Saudi German Hospital**

12 Feb2005- 12May2005 **Trainee in King Abdul Aziz Hospital**

- Technician in Microbiology: evaluating and analyzing patients' samples.

- Trainee in Biochemistry, Hematology, Immunology, Hematology, Parasitology, Blood Bank and Blood tacking.

5-9 Jan 2009 **Prescribed Course in Photo reading**

2015 **Workshop with Global Earth Day** under vison of Saudi Environmental Society.

20-22 Feb 2018 **Combating infectious diseases, helping our society** held by Saudi Society of Medical

Microbiology & Infectious Diseases.

Nov 2018 **Management of physiology for ideas** accredited by King Fahad Public Library Jeddah.

17-21 Jun 2020 **Basics Art of Resin** held by Global academy for Training and Development which conducted according to standard, and guidelines established by the International GATD.

03-08 April 2021 **leadership teacher**, Training Course held by Ministry of Education.

1-3 March 2022 **Disc systems effective communication skills,** held by Ministry of Education.

Published article in:

2019 Phylogenetic Relationship and Genetic Diversity of Bacillus thuringiensis isolated from Soil Samples, Jeddah, KSA (Othman Al-Yahyawy, Fatimah M. Hadadi, Khaled Elghamdy, Ayman Sabry and Salah E. M. Abo-Aba).

2020 Identification and Bioinformatic Analysis of 16s rRNA Gene Sequences of Native Bacillus sp.isolated Strains from Saudi Arabia (Fatimah M. Hadadi1, Nora Bataweel,,Hani S. H. Mohamed Ali,, Khalid M.Alghamdi, Ayman Sabry3, Magda Ganash and Salah E. M. Abo-Aba)

Communication Skills:

- Adaptable to team or individual work.
- A good listener with a commonsense approach.