

Amane Adel Alaroud

Date of birth: 06/09/1989 Nationality: Jordanian Phone number: (+44) 7555493726

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Address: Mutah street, Alkarak, Jordan

WORK EXPERIENCE

- Assistant professor at Mutah University (Pharmacy School)- CUREENT
- Teaching assistant- faculty of pharmacy, Mutaah university [from 2018 To present].
Courses: Instrumental , Analytical, Therapy, Pharmacy Training ...

- Lab supervisor-faculty of pharmacy, Mutaah university [from 2015 To present].
 - Perform routine lab tests and procedures using standard lab equipment.
 - Troubleshoot procedures for the effects of pH, heat and contamination.
 - Assist with the planning of research procedures by coordinating schedules and tests of the procedures.
- Researcher [Sep 2017-present].
Studying the effect of different capping agent and different gel formulas on the release of silver nanoparticle
- Head of pharmacy unit at Mutaah University [from 2015 To 2016....].
Coordination with the Department of Supplies and Tenders-Mutaah University.
Estimating drugs use (consumption) to be included in the annual tenders list.
Continuous updating of department policies to implement quality guidelines and standards.
- Staff pharmacist at Abu Hammour Community pharmacy [from 2012.to 2015.].
Assist customers in purchasing over-the-counter medications. Received, interpreted prescriptions, preparation of medications, checked orders received from manufacturers and wholesalers.
- Pharmacist trainee Royal Medical Services- Queen Rania Al-Abdullah II Children's Hospital: Provided consultation and prescription preparation services to customers, assisted in the preparation of medications under supervision, also to confirm that drugs are covered under payment plans.

EDUCATION AND TRAINING:

01/02/2020 – 31/01/2024 Aberdeen, United Kingdom

PHD IN MEDICAL SCIENCES (MEDICINE) - The University of Aberdeen

Main areas of expertise include epigenetic changes, biochemistry, screening assay development and drug screening :DNA and RNA extraction, PCR (Polymerase Chain Reaction), Gel electrophoresis, Cloning (restriction enzyme digestion, ligation, and transformation), Sequencing, Gene expression analysis: qRT-PCR, Genome editing: Understanding of genome editing technologies such as CRISPR-Cas9, Cell culture: Experience in maintaining and manipulating mammalian, or bacterial cell lines for molecular biology experiments, Bioinformatics, Experience in virtual screening, Molecular Docking (Autodock Vina, MOE), Molecular Dynamics , Pharmacophore modelling-ligand as well as structure-based (Ligand Scout, MOE, Flare) and lead optimisation, to identify potential drug candidates with desired

properties, and understanding of drug design principles, such as ligand-based and structure-based drug design), ADMET studies.

Address University of Aberdeen, AB24 3FX, Aberdeen, United Kingdom Website

Field of study Biochemistry and drug discovery

Thesis Identification of natural compounds as epigenetic modulators for cancer treatment (Supervisors: Dr. Andreas Kolb and Dr. Wael Houssen)

2018 Amman, Jordan

MSC pharmaceutical sciences - Israa university University

Main areas of expertise include synthesis of gold and silver nanoparticles and their characterization through centrifugation-Visible spectroscopy, Dynamic light scattering (DLS) and Zeta potential analysis. Gel preparation and characterization using viscometer and various rheology meters. Microbiology lab skills: MIC, checkerboard assay, media preparation for bacterial cultures. pouring, & streaking on plates, antibiotic assay, time kill curve.

Thesis: Formulation and antibacterial activity of silver nanoparticle hydrogels

Field of study nanotechnology and nanotoxicology.

2012 Amman, Jordan

B.Sc. Pharmacy, University of Jordan, Faculty of Pharmacy, Amman, Jordan, GPA very good (3.35/4).

2007 Amman, Jordan

General Secondary Education Certificate (Tawjihi), scientific stream, 2007, Amman, Jordan, GPA 94.5%.

DIGITAL SKILLS

Graphpad prism, Endnote, Mendely, SnapGene, DNASTAR Bioinformatics Software, Methprimer software, LigandScout, AutoDock, AutoDock Vina, Samson (One Angstorm), Pharmacophore Modelling, Ligand-Based Pharmacophore, Structure-Based Pharmacophore, MOE (Molecular Operating Environment), Cresset Spark and Flare.

LANGUAGE SKILLS

Mother tongue(s): Arabic ; Other language(s): ENGLISH (Proficient user)