

2024

Mariyam AlFagih

malfagih@alfaisal.edu

+966 11 215 7882

PROFISIONAL EXPERIENCE

- 2017-Current** **Lecturer of Pharmacogenomics, Department of Pharmaceutical Sciences**
College of Pharmacy, Alfaisal University
- 2015-2016** **Teaching Assistant, Pharmacology Department**
College of Medicine, Alfaisal University
Riyadh, Saudi Arabia
Responsibilities: Problem based learning sessions facilitator, A member of the Pharm.D. Curriculum Committee
- Summer 2013** **Summer Training**
Hospital pharmacy services (Central unit dose pharmacy, IV admixture Room, Oncology inpatient pharmacy, Outpatient pharmacy)
King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia
- Summer 2012** **Summer Training**
Ambulatory care pharmacy services
AlMursalat Primary Healthcare Center, Riyadh, Saudi Arabia

EDUCATION

- 2016- 2017** **MSc Genomic Medicine**
Imperial College London
National Heart and Lung Institute
London, UK
Modules: Core concepts of human genetics and genomics; Omics technologies and their application in genomic medicine; Pharmacogenomics and stratified medicine; Bioinformatics, quality control, analysis & interpretation of genome sequencing data; Genomics of common and rare inherited diseases; Molecular pathology of cancer and application in cancer diagnosis, screening and prevention; Application of genomics in infectious diseases; Ethics
- June 2016** **Essential Medical Statistics Course**
University of Oxford, Oxford, UK
- 2010- 2015** **Bachelor of Pharmacy - Pharm.D.**

King Saud University
College of Pharmacy
Riyadh, Saudi Arabia

COMMITTEES/UNITS MEMBERSHIPS:

- 2017- Current** Examination Committee
- 2019- Current** Mentorship Program
- 2020-Current** Experiential Learning Unit
- 2015- Current** Curriculum Committee

RESEARCH EXPERIENCE

- 2020** Iman M. Alfagih, Basmah Aldosari, Bushra AlQuadeib, Alanood Almurshedi and **Mariyam M. Alfagih**. 2020. Nanoparticles as Adjuvants and Nanodelivery Systems for mRNA Based Vaccines. *Pharmaceutics*. 13, 45.
- 2017** **Masters Project: Personalized Monitoring of Residual Disease in Chronic Myeloid Leukaemia via DNA-based Digital PCR of the *BCR-ABL1* Genomic Fusion Junction after TKI therapy discontinuation**
Supervisor: Professor Letizia Foroni
Co-Supervisor: Dr. Mary Alikian
- 2017** **Research Rotation, Imperial College London**
Responsibilities: CNV Analysis of 7 patients with childhood onset schizophrenia.
Principal Investigator: Dr. Anna C. Need
- 2014** **Bachelor Graduation Project: Assessment of Vincristine safe preparation and administration in Riyadh hospitals.**
Presented as a poster at the 2014 American College of Clinical Pharmacy Annual Meeting, 12th-15th October 2014, Taxes, United States

TEACHING EXPERIENCE

- PHG 478** **Pharmacogenomics and personalized medicine**
College of Pharmacy, Alfaisal University
2017-Current
- SCR 364** **Self-care and nonprescription drugs**

College of Pharmacy, Alfaisal University
2018-Current

PCL 477 **Patient care and health system management lab, I**
College of Pharmacy, Alfaisal University
2017-Current

PCL 487 **Patient care and health system management lab II**
College of Pharmacy, Alfaisal University
2017-Current

OTHER EXPERIENCES

October 2014 **Transplant Clinical Pharmacist shadowing**
Loma Linda University Medical Center
San Bernardino, CA, United States

October 2014 **Oncology Clinical Pharmacist shadowing**
Loma Linda University Medical Center
San Bernardino, CA, United States

Summer 2013 Participated in automation project "*Impact of implementation of a new electronic medication tracking system on pharmacy resources and nurses' satisfaction at King Faisal Specialist Hospital and Research Centre*"
KFSH & RC, Riyadh, Saudi Arabia

INTERNSHIP EXPERIENCE

May - Jun 2015	Internal Medicine - Cardiology Prince Sultan Cardiac Center Preceptor: Fadwa Alkhouraisi Services: Medication therapy management services, prepared warfarin patient education material
Apr-May 2015	Ambulatory Care National Gard Hospital Preceptor: Maha Aldremili Services: Medication therapy management services (diabetes/anticoagulation clinics)
Mar-Apr 2015	Transplant Prince Sultan Military Medical City Preceptor: Ahmad Alrowiahi Services: Medication therapy management services
Feb-Mar 2015	Advanced Hospital Riyadh Care Hospital Preceptor: Wael Babiker Services: Inpatient and outpatient pharmacy services

Jan-Feb 2015	Pediatric Intensive Care Unit King Khalid University Hospital Preceptor: Muneera Aljelaifi Services: Medication therapy management services
Nov 14 – Jan15	Critical Care King Saud Medical City Preceptor: Basheer Abd Elrahman Services: Medication therapy management services
Oct – Nov 2014	Internal Medicine King Saud Medical City Preceptor: Salha Aldossary Services: Medication therapy management services
Sep – Oct 2014	Teaching Rotation Preceptor: Sinaa Alaqeel King Saud University Services: Designed and administered teaching activities, designed exam questions, explored the area of publishing learning based papers, Coordinated an external speaker activity.
Aug – Sep 2014	Therapeutic Drug Monitoring King Khalid University Hospital Preceptor: Sulaiman ALHomaidah Services: Medication therapy management services, updated the Phenytoin TDM protocol