

## CURRICULUM VITAE

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### 1. Personal Data

Date of Birth: 07/Dec/1990

Nationality: Jordanian

### 2. Education

- Ph.D. (in Pharmacology) 2017, The University of Manchester, Manchester, United Kingdom
- B.Sc. (in Pharmacy and Pharmaceutical sciences) 2012, Al-Zaytoonah University of Jordan, Amman, Jordan

### 3. Ph.D. Dissertation

- *The Role of NQO2 in Tumour Growth and Response to Therapeutic Drugs*, University of Manchester, Manchester, United Kingdom.

### 4. Employment

#### Academic Positions

- Assistant Professor, Faculty of Pharmacy, Al-Zaytoonah University of Jordan, Amman-Jordan (2017- now)
- Instructor, Faculty of Biology, Medicine and Health, The University of Manchester, Manchester-United Kingdom, 2014-2016



## 5. Research Interests

- Investigation the biological roles of the oxidoreductase enzymes in the cancer cells and their involvement in the progression of cancer.
- Identifying and developing new uses for existing drugs
- Biochemical evaluation and identification the mechanism of action of novel compounds.

## 6. Membership in Scientific Societies and Associations

- Jordan Pharmacists Association (2012-now)
- Member of British Association for Cancer Research (2013-now).

## 7. Fellowships and Scholarships

- Academic PhD scholarship from Al-Zaytoonah University of Jordan, (2013-2017)

## 9. Teaching Experience

- *Undergraduate Courses*

1. Pathophysiology
2. Pharmacology 1
3. Pharmacology 2
4. Pharmacy Practice II
5. Pharmacology Lab
6. Pathophysiology Lab

## 10. Membership of Committees

- **University**

- The ACPE Steering Committee, a Faculty committee (2018-now).
- The committee of quality assurance (2017-2019).
- The committee of exams and evaluations (2017-2018).
- The committee of cultural, social and sports activities (2017-2019).
- The committee of curriculum and learning resources (2020-now)

## 11. Professional and Scientific Meetings

- *Participation in Scientific meetings*

1. *The Potential Role of the Oxidoreductase, NQO2 in Cancer therapeutics, NCRI Cancer conference, Liverpool, UK, 2014.*



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2. *Synthesis and Evaluation of Novel 4-aminoquinoline Analogues as NQO2 Inhibitors, in 7<sup>th</sup> international conference on Drug discovery & Therapy, Sharjah, UAE, 2016.*
3. *Participating in OSCE training workshop, 2019.*
4. *Participating and awarding a certificate from HPLC training course, 2019.*
5. *Participating in Pharmacogenomics testing: toward personalised therapy, 2019.*
6. *Participating in International Pharmaceutical Conference (ZTIPC2019), 2019.*

## **12. Participation in or organization of curricular and/or extra-curricular activities**

- *World Cancer Day for inspiring A-level students about our research.*

## **13. Publications**

### **1. Papers in refereed journals:**

- *Hussein B., **Ikhmais B.** (equal contribution), Kadirve M.I, Magwaza R., Halbert G, Bryce R, Stratford I, Freeman S, Discovery of potent 4-aminoquinoline hydrazone inhibitors of NRH:quinoneoxidoreductase-2 (NQO2), European Journal of Medicinal Chemistry, 182, 2019, 1-11.*
- *Fluorinated Benzyloxalamides: Glide Docking, Pharmacophore Mapping, Synthesis and In Vitro Evaluation as Potential Cholesteryl Ester Transfer Protein Inhibitors-sent for publication in Iranian Journal of Pharmaceutical Research.*
- *Balqis Ikhmais, Alaa M. Hammad, Waleed Qirim, Osama H. Abusara, Jonathan Ling, Conducting a COVID-19-Related Research in Jordan: Are We Ready? Accepted for publication in Disaster Medicine and Public Health Preparedness, Oct-2020*

### **2. Conference Presentations:**

- *Presenting a poster titled "Attitudes of Community Pharmacist toward Patient Counselling" in fourteenth pharmacy conference: Contemporary Challenges to the Profession of Pharmacy, Amman, Jordan, 2012.*
- *Presenting a poster titled "Evaluating Novel 4-aminoquinoline Inhibitors of NQO2 in Ovarian Cancer" in AACR annual meeting, New Orleans, Louisiana, USA, 2016.*
- *Presenting a poster titled "The Contributory Role of NQO2 in Inducing Ovarian Cancer Cell Growth and Proliferation" in Nottingham, United Kingdom, UK, 2017.*



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- *Participating in an oral presentation titled “The impact of genetic manipulation of NRH quinone oxidoreductase-2 levels on growth and proliferation of ovarian cancer cell lines”, Istanbul, Turkey, 2019.*
- *Presenting in an oral presentation in 2<sup>nd</sup> international conference on Pharmaceutical Sciences, 2020.*