



CURRICULUM VITAE

Buthaina Hussein Khalid Hussein

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**Photo
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1. Personal Data

Date of Birth: 14/04/1982

Nationality: Jordanian

2. Education

- PhD in pharmacy and pharmaceutical sciences, The University of Manchester, Manchester-UK. 18/10-2016. (Synthesis and evaluation of novel NQO2 inhibitors).
- Master Degree in pharmaceutical sciences, University of Jordan, Amman-Jordan, 2010. Medicinal chemistry (preparation and study of antihyperlipidemic properties of new benzothiophen-2-carboxamide derivatives).
- Bachelor Degree in pharmacy, AL-Zaytoonah private university of Jordan, Amman-Jordan, 2008.
- Bachelor Degree in chemistry, University of Jordan, Amman-Jordan, 2004.

3. Ph.D. Dissertation

Title of Dissertation: (Synthesis and evaluation of novel NQO2 inhibitors). The University of Manchester, Manchester-UK.

4. Employment

Academic Positions

- Assistant Professor in Medicinal Chemistry, Pharmacy Department, Faculty of Pharmacy, AL-Zaytoonah University, Amman-Jordan 11/2016 up to now.
- Instructor laboratory in the Pharmacy Department , Almaarefa Collage, Riyadhah, KSA from 2/2011-6/2011



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- Instructor laboratory in the Faculty of Pharmacy AL-Zaytoonah private University of Jordan, Amman, From 3/3/2008 - 20/6/2010

Administrative Positions

- Pharmacy Department Supervisor, Technical Institute for Health Training, Riyadh, KSA. from 2/10/2010 -16/1/2012

5. Research Interests

Medicinal Chemistry, Organic synthesis of different anticancer and antimicrobial candidates, Molecular modelling and drug design.

6. Teaching Experience

- *Undergraduate Courses*

Pharmaceutical organic chemistry 1
Pharmaceutical organic chemistry 2
Medicinal chemistry 1
Medicinal chemistry 2
Medicinal chemistry 3
Phytotherapy
Medicinal chemistry laboratory
Instrumental analysis laboratory

7. Grants

Design, Synthesis, and Biological Evaluation of a New Series of carbonic anhydrase inhibitors, 2019, AL-Zaytoonah University, 25000JD.

8. Professional and Scientific Meetings



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- The 7th International conference Pharmaceutical Conference (ZTIPC 06-07 November 2019), Amman, Jordan.
- The 7th International Conference on Drug Discovery & Therapy, poster presenter, Dubai, UAE, 2/2016.
- Faculty of medical and human sciences postgraduate, poster presenter, The University of Manchester, Manchester-UK, 9/2015.
- Faculty of medical and human sciences postgraduate, The University of Manchester, Manchester-UK, 9/2014.
- NCRI Cancer Conference, Liverpool, UK, 11/2013.
- The 26th Arabic international pharmacist union conference, Amman-Jordan, 2008.
- The Jordanian international pharmaceutical conference, Amman, Jordan, 2008.

9. Publications

Hussein, B., Ikhmais, B., Kadirvel, M., Magwaza, R., Halbert, G., Bryce, R.A., Stratford, I.J., Freeman, S. *aminoquinoline hydrazone inhibitors of NRH:quinoneoxidoreductase-2 (NQO2)*, EJMC, 182, 2019, 111649.

Ikhmais, B., Hussein, B., Stratford, I., Freeman, S., Neill, J.
DOI: 10.1158/1538-7445.AM2016-3007 Published July 2016
ArticleInfo & Metrics, Abstract 3007: Evaluating novel 4-aminoquinoline inhibitors of NQO2 in ovarian cancer

Alnabulsi, S., Santana, E., Russo, I., Hussein, B., Kadirvel, M., Chadwick, A., Bichenkova, E.V., Bryce, R. A., Nolan, K., Demonacosa, C., Stratford, I.J., Freeman, S; *Non-symmetrical furan-amidines as novel leads for the treatment of cancer and malaria*, EJMC, 111, 2016, 33-45.

Alnabulsi, S., Hussein, B., Santana, E., Alsalahat, I., Kadirvel, M., Magwaza, R.N., Bryce, R.A., Schwalbe, C.H., Baldwin, A.J., Russo, I., Stratford, I.J., Freeman, S., *Evaluation of analogues of furan-amidines as inhibitors of NQO2*; BMJL, 28, 2018, 1292-1297.