

Islam Al-Khawaldeh

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Work: Faculty of Pharmacy, Jordan University of Science and Technology (JUST), Irbid 22110, Jordan , PO Box 3030 (Jordan)

ABOUT ME

I am currently working as an assistant professor within the Department of Medicinal Chemistry and Pharmacognosy at the Faculty of Pharmacy, Jordan University of Science and Technology. I graduated from the School of Pharmacy at JUST in 2016, in which I ranked the first on my batch. After my graduation, I was awarded a scholarship from JUST to pursue my M.Sc. and PhD degrees in Medicinal Chemistry. I completed my M.Sc. degree from Newcastle University in 2018. Then I pursued my PhD at the same university and defended my thesis in 2021. My research was focused on targeting kinases with small molecule covalent inhibitors.

WORK EXPERIENCE

Assistant Professor, Department of Medicinal Chemistry and Pharmacognosy, Faculty of Pharmacy

Jordan University of Science and Technology [19 Feb 2022 – Current]

City: Irbid

Country: Jordan

EDUCATION AND TRAINING

Ph.D. in Medicinal Chemistry

Newcastle University [Sep 2018 – Nov 2021]

Country: United Kingdom

Thesis: Targeting Kinases with Small Molecules Covalent Inhibitors

M.Sc. in Drug Chemistry

Newcastle University [Sep 2017 – Sep 2018]

Country: United Kingdom

Final grade: 79.8 (Distinction)

Thesis: Discovery of Novel Cyclin Dependent Kinase-2 (CDK-2) Inhibitors Starting from FragLites

B.Sc. in Pharmacy

Jordan University of Science and Technology [Sep 2011 – Jan 2016]

Country: Jordan

Final grade: 93.9 (distinguished GPA). Ranked first among 233-student batch.

High School

Ministry of Education [Jul 2011]

Country: Jordan

Final grade: 96.3

LANGUAGE SKILLS

Mother tongue(s): **Arabic**

Other language(s): **English**

CONFERENCES AND SEMINARS

21st RSC/SCI Medicinal Chemistry Symposium

[13 Sep 2021 – 15 Sep 2021]

2021 RSC Chemical Biology & Bio-Organic Group Postgraduate Symposium

[2 Jul 2021]

SAGE PGR Conference

[Jul 2019]

HONOURS AND AWARDS

Jordan University of Science and Technology Graduate Scholarship

[2016]

Faculty of Pharmacy honor list for distinguished academic performance

[2016]

PUBLICATIONS

FragLites-Minimal, Halogenated Fragments Displaying Pharmacophore Doublets. An Efficient Approach to Druggability Assessment and Hit Generation

[2019]

An Alkynylpyrimidine-Based Covalent Inhibitor That Targets a Unique Cysteine in NF-kappaB-Inducing Kinase

[2021]

COURSE INSTRUCTOR

Pharmaceutical Organic Chemistry

Medicinal Chemistry I

Medicinal Chemistry II

Medicinal Chemistry III