Personal Particulars

Full name: Mohammad Murwih Khalaf Alidmat

Sex: Male

Date and Place of Birth: 29\01\1988, jordan

Nationality: jordanian

Marital Status: single

EDUCATION

Bachelor of Science, 2010
Al al-Bayt University, Jordan

Master of Science, 2015
Al al-Bayt University, Jordan

Doctor of Philosophy, 2021
Universiti Sains Malaysia

Mohammad Murwih Khalaf Alidmat

BSc., MSc. (Jordan) Ph.D. (USM)

Jordan

+962770275302

alidmatm@gmail.com

TEACHING

Directorate of Education,
Ministry of Education
2011-2016

(06/10\2022-31/01/2023). Part-time lecturer, Chemistry Department, The University of Jordan (UJ)

Qualifications:

2017-2021 Ph.D
UNIVERSITI SAINS MALAYSIA, Malaysia , Major: organic chemistry.
Research advisors : Prof. Melati Khairuddean
Dissertation: "SYNTHESIS, CHARACTERISATION, CYTOTOXICITY AND DOCKING STUDIES OF NEW CHALCONE, PYRAZOLINE AND PYRIMIDINE DERIVATIVES"

2012-2015 M.Sc. Al al-Bayt University, Jordan, Major: organic chemistry
Research advisors : Dr . Mohammad M. Ibrahim, & Prof. Rajab Abu-El-Halawa
Dissertation: "Synthesis and Biological Activity of New 4,6-(Diheteroaromatic) pyrimidine-2-amines"

2007-2010 B.Sc. Al al-Bayt University, Jordan, in chemistry.

SKILLS

- PhD in organic chemistry
- Experience of Molecular dynamics
- Experience of organic synthesis.
- Experience of synthesis of heterocyclic.

Publications:

1 - Al-Anazi, M., Khairuddean, M., Al-Najjar, B. O., **Alidmat, M. M.,** Kamal, N. N. S. N. M., & Muhamad, M. (2022). Synthesis, anticancer activity and docking studies of pyrazoline and pyrimidine derivatives as potential epidermal growth factor receptor (EGFR) inhibitors. *Arabian Journal of Chemistry*, 103864.

2- Alidmat, M. M., Khairuddean, M., Kamal, N. N. S. N. M., Muhammad, M., Wahab, H. A., Althiabat, M. G., & Alhawarri, M. B. (2022). Synthesis, Characterization, Molecular Docking and Cytotoxicity Evaluation of New Thienyl Chalcone Derivatives against Breast Cancer Cells. *Systematic Reviews in Pharmacy*, *13*(1).

3- Alidmat, M. M., Ning, T. Z., Khairuddean, M., Shayazi, N. H., Nik Mohammad Kamal, N. N. S., & Muhammad, M. (2021). Synthesis, Characterization, Cytotoxicity Study and Docking Studies of New Fusedpyrazoline Derivatives derived from Bis-Chalcones Against Breast Cancer cells. *Egyptian Journal of Chemistry*, *64*(12), 2-3.

4- Alidmat, M. M., Khairuddean, M., Norman, N. M., Asri, A. N. M., Suhaimi, M. H. M., & Sharma, G. (2021). Synthesis, characterization, docking study and biological evaluation of new chalcone, pyrazoline, and pyrimidine derivatives as potent antimalarial compounds. *Arabian Journal of Chemistry*, *14*(9), 103304.

5- Alidmat, M. M., Khairuddean, M., Salhimi, S. M., & Al-Amin, M. (2021). Docking studies, synthesis, characterization, and cytotoxicity activity of new bis-chalcones derivatives. *Biomedical Research and Therapy*, *8*(4), 4294-4306.

6- Al-Anazi, M., Khairuddean, M., Al-Najjar, B. O., **Alidmat, M. M.,** Nik, N. N. S., Kamal, M., ... & Hariono, M. (2021). EGFR Inhibitors and Apoptosis Inducers: Design, Docking, Synthesis, and Anticancer Activity of Novel Tri-

Chalcone Derivatives. *Systematic Reviews in Pharmacy*, *12*(3), 809-820.
7- Salum, K. A., **Alidmat, M. M.,** Khairulddean, M., Kamal, N. N. S. N. M., & Muhammad, M. (2020). Design, synthesis, characterization, and cytotoxicity activity evaluation of mono-chalcones and new pyrazolines derivatives. *Journal of Applied Pharmaceutical Science*, *10*(08), 020-036.
8- Khairuddean, M., Slaihim, M. M., **Alidmat, M. M.,** Al-Suede, F. S. R., Ahamed, M. B. K., Shah, A. M., & Majid, A. SYNTHESIS, CHARACTERISATION OF SOME NEW SCHIFF BASE FOR THE PIPERIDINIUM 4-AMINO-5-SUBSTITUTED-4H-1, 2, 4-TRIAZOLE-3-THIOLATE, AND THEIR IN-VITRO ANTICANCER ACTIVITIES.
9- Bakar, B. I., **Alidmat, M. M**., Khairuddean, M., & Wahyuningsih, T. D. (2022). Molecular Docking Study, Synthesis and Characterization of New Hybrid Anthracene-Thiophene Compounds with Chalcone and Pyridine Scaffolds. In Materials Science Forum (Vol. 1068, pp. 175-181). Trans Tech Publications Ltd.
10- Othmani, T. E., **Alidmat, M. M.,** Khairuddean, M., & Wahyuningsih, T. D. (2022). Synthesis, Characterization and Molecular Docking of New Naphthalene-Based Chalcone and Pyrazoline Compounds. In *Materials Science Forum* (Vol. 1068, pp. 167-174). Trans Tech Publications Ltd.

11- Bakar, B. I., **Alidmat, M. M.,** Khairuddean, M., Ibrahim, W. N. A. W., Mun, K. W., Kamal, N. N. S. N. M., & Muhammad, M. (2023). Synthesis, characterization, cytotoxicity evaluation and molecular docking study of new bis-chalcone, fused-pyrimidine and fused-pyrazoline derivatives. Indian Journal of Chemistry (IJC), 62(3), 251-264.

References :

Prof. Melati Khairuddean

School of Chemical Sciences

Universiti Sains Malaysia

11800 Penang, MALAYSIA

Tel: 604-6533560

Fax: 604-6574854

E-mail: melati@usm.my

Prof. Mohammad M. Ibrahim

Assoc. Prof. of Organic Chemistry

Department of Chemistry

Al al-Bayt University

Mafraq 25113

Jordan

Tel. (work): +96226297000 Ext. 2174

Mobile:+962779210080

E-mail: mohammadibrahim@aabu.edu.jo