

CURRICULUM VITAE

Mohammad Hailat

Faculty of pharmacy,

Al-Zaytoonah University of Jordan, Amman, Jordan

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1. Personal Data

Date of Birth: August 11th, 1984

Nationality: Jordanian

2. Education

- Ph.D. in Pharmaceutical Sciences (Pharmaceutical Technology) 2017, University of Louisiana at Monroe, Monroe, LA, USA

- M.Sc. in Pharmaceutical Sciences (Pharmaceutical Technology) 2010, Jordan University of Science and Technology, Irbid, Jordan

B.Sc. in Pharmacy (Phar. B.) 2007, Jordan University of Science and Technology, Irbid, Jordan

3. Ph.D. Dissertation

Cembranoids as angiogenesis modulators, University of Louisiana at Monroe, Monroe, LA, USA.

4. Employment

Academic Positions

- Assistant Professor, Faculty of Pharmacy, Jadara University, Irbid, Jordan
Oct 2017 – Oct 2019
- Assistant Professor, Faculty of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
Oct 2019 – now

**5. Research Interests**

Pharmaceutics, Drug Delivery Systems, Nanotechnology, Anticancer Therapy

9. Teaching Experience***Undergraduate Courses***

Cosmetics Preparations, Industrial pharmacy, Pharmaceutics II, Pharmaceutical Technology Lab, Pharmaceutics I, Pharmaceutics III, Pharmaceutical Calculations, Quality Control of Pharmaceuticals, Pharmaceutics III Lab, Pharmaceutical Technology Lab., Pharmacy Practice Lab., Drug Delivery Systems

10. Supervision of Graduate Research

Hakam Al-Aqabani , In vitro anti-invasion activity of surface modified gold nanorods against prostate cancer, 2020

11. Grants

Scientific Research and Innovation Support Fund, November, 2020.

Total: 68270.00 JD

Title of the project: “Biodegradable polymeric nanoparticles based on poly(Lactic-co-glycolic acid (PLGA) for anti-cancer drug delivery applications)”

12. Patents

El Sayed KA, Ebrahim H, Mohyledin M, **Hailat M.** “Therapeutics and Methods to Treat Angiogenesis Related Pathologies”. Filed US patent number 62508605, May 2017.

13. Professional and Scientific Meetings

- Modern Techniques in Pharmaceutical Sciences, the first international conference of the faculty of pharmacy, April 18th -19th, the Dead Sea, Jordan (2018). “The tobacco cembranoid as a novel angiogenesis inhibitory lead for the control of breast malignancies.”

Poster Presentation

- Mohammad M Hailat, Hassan Y. Ebrahim, Khalid A. El Sayed. “A Tobacco Cembranoid as VEGFR Inhibitor for the Control of Triple Negative Breast Malignancies”. presented as a poster in: The 16th Annual Student Research



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Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

Symposium, held on the University of Louisiana at Monroe campus, LA on Tuesday, March 8, 2016.

- S. Alzghoul, M. Hailat, S. Zivanovic, L. Que, and G. Shah, "Development of nanopore thin film-based optofluidic sensors for measurement of circulating prostate cancer markers," poster presentation at Gordon Research Conference: Cancer Nanotechnology, Mount Snow, West Dover, VT, June 28 - July 3, 2015.
- S. Alzghoul, M. Hailat, S. Zivanovic, L. Que, and G. Shah, "Measurement of Serum Prostate Cancer Markers Using a Nanopore Thin Film Based Optofluidic Chip." Gordon Research Conference, Italy, 2015
- S. Alzghoul, M. Hailat, S. Zivanovic, G. Shah, and L. Que, "Detection of neuroendocrine marker in blood samples using an optofluidic chip," Transducers 2015 IEEE Conference, The 18th International Conference of Solid-State Sensors, Actuators, and Microsystems, Poster no. M3P.056, Anchorage, Alaska, June 21-25, 2015.
- Mohammad Hailat, Ahmed Aljameeli, Girish V. Shah, "Evidence of epigenic deregulation of calcitonin gene in prostate cancer". Gordon Research Conference on Genetics and Epigenetics of Cancer, Barga, Italy, April 2015.
- Salah Alzghoul, Long Que, Mohammad Hailat and Girish V. Shah, "Development of a novel prostate cancer test for mass screening". Industry Day, LA Tech Shreveport Center, September 25, 2014.

14. Publications

1. Influence of Castor Oil on Glycated Hemoglobin (HbA1c) on Induced Type 2 Diabetes Mellitus in Rats. *Under Review*.
2. Evidence of Human Metabolites of Omeprazole and its Structure Elucidation by using HPLC-MS. *Accepted*.
3. Development and validation of medication storage and disposal questionnaire. *Accepted*.
4. Zainab Alkather, **Mohammad Hailat**, Ramadan Al-Shdefat, Wael Abu Dayyi. [Development and Validation of an HPLC Method for Five Gliptins in Pharmaceutical Dosage Forms in Finished Marketed Products](#). Current Pharmaceutical Analysis, DOI: 10.2174/1573412917999201102212635s
5. Abeer Mohammad Kharshid, Syed Azhar Syed Sulaiman, Mohamed J. Saadh, Haneen Barakat, Israa H. Al-Ani, Riad M. Awad, **Mohammad M. Hailat**, Wael Abu Dayyih. [Knowledge, Attitudes, and Perceptions of Healthcare Professionals towards Early Referral and Using Statins in Non-dialysis CKD Patients](#). Systematic Reviews in Pharmacy. Vol 11, Issue 7, July-Aug 2020.
6. Israa W. Habash, Ramadan Ibrahim Al-Shdefat, **Mohammad Majed Hailat**, Wael Abu Dayyih. [A Stability Indicating RP-HPLC Method Development for Simultaneous Estimation of Alogliptin, Pioglitazone, and Metformin in Finished Pharmaceutical Formulations](#). ACTA POLONIAE PHARMACEUTICA. Vol 77, No.4, 2020, DOI: 10.32383/appdr/125774.
7. **Hailat M**, Al-Shdefat RI, Muflih SM, Ahmed N, Attarabeen O, Alkhateeb FM, et al. [Public knowledge about dosage forms, routes of drug administration and medication proper storage conditions in Riyadh District, Saudi Arabia](#). Journal of



- Pharmaceutical Health Services Research. 2020; 11:205–13.
DOI:10.1111/jphs.12359
8. Muqtader Mohammed, Mansour S. Alnafisah, Md. Khalid Anwer, Farhat Fatima, Bjad K. Almutairy, Saad M. Alshahrani, Abdullah S. Alshetaili, Ahmed Alalaiwe, Mohamed H. Fayed, Ahmad Z. Alanazi, Mohammed Al Zahrani, **Mohammad M. Hailat** and Ramadan Al-Shdefat. [Chitosan surface modified PLGA nanoparticles loaded with brigatinib for the treatment of non-small cell lung cancer](#). Journal of Polymer Engineering. 2019 Nov 26; 39(10):909–16. Available from: <https://www.degruyter.com/view/journals/polyeng/39/10/article-p909.xml>
 9. **Mohammad M. Hailat**, Hassan Y. Ebrahim, Mohamed M. Moheyldin, Amira A. Goda, Abu Bakar Siddique, Khalid A. El Sayed. "[The tobacco cembranoid \(1S,2E,4S,7E,11E\)-2,7,11-cembratriene-4,6-diol as a novel angiogenesis inhibitor for the control of triple negative breast malignancies](#)". Bioorganic & Medicinal Chemistry, 2017, (<http://dx.doi.org/10.1016/j.bmc.2017.05.028>, PMID: 28583806).
 10. El Sayed KA, Ebrahim H, Mohyeldin M, **Hailat M.** "[Therapeutics and Methods to Treat Angiogenesis Related Pathologies](#)." Filed US patent number 62508605, May 2017.
 11. Ebrahim, Hassan Y, Mohamed M Mohyeldin, **Mohammad M Hailat**, and Khalid A El Sayed. "[\(1S,2E,4S,7E,11E\)-2,7,11-Cembratriene-4,6-Diol Semisynthetic Analogs as Novel C-Met Inhibitors for the Control of C-Met-Dependent Breast Malignancies](#)." Bioorganic & Medicinal Chemistry 24, no. 22 (2016): 5748-61 (PMID: 27681240).
 12. Alzghoul Salah†1, **Mohammad Hailat†1**, Sandra Zivanovic, Long Que, and Girish V Shah. "[Measurement of Serum Prostate Cancer Markers Using a Nanopore Thin Film Based Optofluidic Chip](#)." Biosensors and Bioelectronics 77 (2016): 491-98 (PMID: 26457734, †1: equal contributions).
 13. Alzghoul Salah, **Mohammad Hailat**, Sandra Zivanovic, Girish V Shah, and Long Que. "[Detection of Neuroendocrine Marker in Blood Samples Using an Optofluidic Chip](#)." In Solid-State Sensors, Actuators and Microsystems (TRANSDUCERS), 2015 Transducers-2015 18th International Conference on, 1703-1706: IEEE, 2015.