

Lidia K. Alhalaseh

BPharm, MSc, PhD (Bath, UK)

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Drhalaseh@yahoo.com

Jordan-AlKarak

Personal data

DoB	22/03/1980
Nationality	Jordanian
Marital state	married/2 children

Education

2014-2017	University of Bath/Department of Pharmacy and Pharmacology-UK Doctor of Philosophy degree <i>“Phytochemistry of hydroxycoumarins from Manihot esculenta Euphorbiaceae (cassava)”</i>
2003-2005	University of Jordan/department of Pharmacy-Jordan Master degree in Pharmaceutical science <i>“Dyeing hair with Hibiscus Sabdariffa leaves extract”</i>
1998-2003	Jordanian University of Science and Technology-Jordan Bachelor degree in Pharmacy
1998	Al-Karak High School-Scientific branch (92.3%)

Employments

Sep/2022-Octm/2023	Head of the department of Pharmaceutical Chemistry/Faculty of Pharmacy-Mutah University
Sep/2020-Sep/2022	Head of the department of Cosmetics and Cosmetology/Faculty of Pharmacy-Mutah University
Dec/2022-current:	Associate Professor of Pharmacy and Pharmacology-Phytotherapy, Mutah University-AlKarak-Jordan
Dec/2017-Dec/2022:	Assistant Professor of Pharmacy and Pharmacology-Phytotherapy, Mutah University-AlKarak-Jordan
2014-2017:	Leading many pharmaceutical practical and workshops for undergraduates in the University of Bath/Department of Pharmacy and Pharmacology

- 2005-2014: Lecturer-Department of Pharmacy/ AlKarak college- Al Balqaa Applied University-Jordan.
- 2003-2005: Chief Pharmacists-Health insurance department at the Jordan international insurance company JIIC-Jordan/Amman

Publications

- Dyeing Hair with *Hibiscus sabdariffa* extract and studying the different variables affecting the dyeing process (2011)**
Lidia K. Alhalaseh*; Bassam, Amro; Fatma Affifi, 2011. Al-Azhar Journal of Pharmaceutical Science ISSN 1110-1644, 43, 16-26.
- Some herbal medicines traditionally used in south Jordan "AL-Karak region" between its claimed medical effects and its documented experimental founds. (2013)**
Lidia K. Alhalseh*. Az. J. Pharm Sci. Vol. 47, March, 2013
- Bioavailability and bioequivalence of two oral single dose of ibuprofen 400 mg to healthy volunteers**
 Abdul-Wahab R. Hamad, Saied M. Al-Dalaen, Tayel A. Hujran, Hayat AlBtoush, Lidia Al-Halaseh, Mousa K. Magharbeh, Nariman A. Al-Jawabri and Fadil M. Abid.
Biomedical and Pharmacology Journal; 2021: 14(1), pp. 435-444
- Factors affecting purchasing behaviors of generic drugs versus originator counterparts in Jordan**
 Maha N. Abu Hajleh, Ali AL-Samydai, Zahraa Layth Aloosi Raghad Tariq Abuhamdan, Sumaiah Hmoud Al.Naimat, Lina Faisal Abdelfattah, Lidia Kamal Al-Halaseh.
Journal of Applied Pharmaceutical Science; 2021: 11(9), pp. 009-017
- Phytotherapeutic approaches and ethnopharmacological responses against covid-19**
 Ali Al-Samydi, Maha Abu Hajleh, Amal Akour, Nadeem Alabdallah, Mohammad Yousef, Ghaida Baqa'in, Ali Al-saadi, Lidia Kamal Al-Halaseh, Talal Aburjai
Tropical Journal of Natural Product Research; 2021: 5(7), pp. 1208-1214
- Investigation into the prophylactic and therapeutic activity of coenzyme Q10 against COVID-19**
 Ali Al-Samydi, Maha Abu Hajleh, Amal Akour³, Naeem Shalan¹, Nisrein jabber, Lidia Kamal Al-Halaseh, Muhammed Alzweiri
Tropical Journal of Pharmaceutical Research; 2021: 20(11), pp. 2387-2393
- The revolution of cosmeceuticals delivery by using nanotechnology: A narrative review of advantages and side effects**
 Maha N. Abu Hajleh , Rana Abu-Huwaij , Ali AL-Samydai , Lidia Kamal Al-Halaseh, and Emad A. Al-Dujaili
Journal of Cosmetic Dermatology; 2021: 20(12), pp. 3818-3828
- The de-marketing strategies as a vital resolve of antibiotics misuse dilemma**
 Ali Al-Samydi, Mahmood Jasim Al-Samydai, Maha N. Abu Hajleh, Lidia K. Al-Halaseh*, Ihab Ali Qrimea, Abdul Azwz badir Alindawy, rudaina Othman Yousif
Journal of Pure and Applied Microbiology; 2021: 15(4), pp. 1898-1906
- Implication of parabens in cosmetics and cosmeceuticals: Advantages and limitations**
Lidia K. Al-Halaseh*, Sujood Al-Adaileh, Alsafa Mbaideen, Maha N. Abu Hajleh, Zainab Zaki Zakaraya, Wael Abu Dayyih

- **Weight reduction in response to unauthorized treatment in a poorly controlled obese woman**
Lidia Kamal Al-Halaseh*, Maha Nour Abu Hajleh, Ali Mahmoud Al-Samydai
Biomedicine 2022; 42(2), pp.410-412
- **A review of the cosmetic use and potentially therapeutic importance of hyaluronic acid**
Lidia K. Al-Halaseh*, Nariman A. Al-Jawabri, Shahed K. Tarawneh, Wasan K. Al-Qdah, Maha N. Abu Hajleh, Ali Al-Samydai, Mai A.M. Ahmed
Journal of Applied Pharmaceutical Science 2022; 12(7), pp. 34-41.
- **The quandary of incorrect practice toward unused and expired pharmaceutical products in households**
Ali Al-Samydai, Maha N. Abu Hajleh, Mahmood Al-Samydai, Lidia Kamal Al-Halaseh, Shahd Habash, Dania Alkhayyat, Sameera Abu Saef, Leen Haitham, Hadeel Sayel Bahloul, Majd Waleed Askender
Journal of Applied Pharmaceutical Science 2022; 12(6), pp. 210-214.
- ***In vivo* investigation of the potential hypoglycaemic activity of *pennisetum setaceum*: justification of the traditional use among Jordanian**
Lidia K. Al-Halaseh*, Nariman A. Al-Jawabri, Hayat Al-Btoush, Rawan Al-Suhaimat, Siba Majali, Maha N. Abu Hajleh, Ali Al-Samydai, Mai A.M. Ahmed
Research Journal of Pharmacy and Technology 2022; 15(7).
- **Evaluation of the *Rheum palmatum* rhizomes in Jordanian markets and investigation of its potential use in cosmetics**
Lidia K. Al-Halaseh*, Maha N. Abu Hajleh, Ali Al-Samydai, Siba Majali, Reem Issa, Rana Said, Mai A.M. Ahmed
Bulletin of Pharmaceutical Sciences. Assiut 2022; 45(2).
- **Investigation of the nephroprotective activity of *Moringa peregrina* leaves aqueous extract in mice**
Abdulhakeem Hasan, Reem Issa, Lidia Al-Halaseh*, Manal Abbas, Nariman Al-Jawabri, Rawan Al-Suhaimat
Pharmacia 2022; 69(4)
- **Nephroprotective Activity of Green Microalgae, *Chlorella sorokiniana* Isolated from Jordanian Water**
Lidia Kamal Al-Halaseh*, Mais A. Sweiss, Reem A. Issa, Rehan AlKassasbeh, Manal Ahmad Abbas, Nariman A. Al-Jawabri, Maha Nour Abu Hajleh, Ali Mahmoud Al-Samydai
Journal of Pure and Applied Microbiology 2022; 16(4)
- **Preparation, characterization, wound healing, and cytotoxicity assay of PEGylated Nano-Phytosome loaded with 6-Gingerol**
Ali Al-Samydai, Mo'ath Al Qaraleh, Walhan Alshaer, Lidia K. Al-Halaseh, Reem Issa, Fatima Alshaikh, Aseel Abu-Rumman, Hayat Al-Ali, Emad A.S. Al-Dujaili
Nutrients 2022; 14(23)
- **Revolutionized drug delivery by using pulmonary nanotechnology: a review article**
Lidia Kamal Al-Halaseh*, Rawan Al-Suhaimat, Duaa Al-Suhaimat, Teeb Al-Adaileh, Manal Nahar Al Soub, Maha Nour Abu Hajleh, Ali Mahmoud Al-Samydai, Rehan Alkassasbeh, Wael Abu Dayyih
Research Journal of Pharmacy and Technology 2023; 16(9)
- **Ethnopharmacological Study of Medicinal Plants Used in the Treatment of Skin Burns in the Arab World**
Ali Al-Samydai, Maha N Abu Hajleh, Amal Mayyas, Farah Al-Mamoori, Deniz M Al-Tawalbe, Moath Alqaraleh, Mohamad Ak Mousa, Hala Aladwan, Badi'ah Alazab, Dana Selwadi, Fatimah Akram Othman, Mohamed Sayed Zaazouee, Khaled Mohamed Ragab, Lidia Al-Halaseh
Journal of Burn Care and Research 2023; 44(5)

- Reduction of reproductive toxicity in murine sperm model using Moringa peregrina leaves extracts**
 Mohammed Abbas Lali, Reem Adnan Issa, Lidia Kamal Al-Halaseh^{*}, Rawan Ahmad Al-Suhaimat, Rami Bassam AlRawashdeh
Journal of Applied Pharmaceutical research 2023; 13(9)
- Formulating Co-loaded Nanoliposomes with Gallic acid and Quercetin for Enhanced Cancer Therapy**
 Ali Mahmoud Al-Samydai, Khaldun M. Al Azzam, Amal Mayyas, Hamdi Nsairat, Maha N. Abu Hajleh, Lidia K. Al-Halaseh, Nehaya Al-Karablieh, Amal Akour, Walhan Alshaer, Fatima Alshaik, Mo'ath Al Qaraleh, Khaled M. Khleifa
Heliyon 2023; 9(6)
- Preparation, characterization and wound-healing effect of PEGylated nanoliposomes loaded with oleuropein**
 Rand Alquraishi, Ali Al-samydai, Khaldun M Al Azzam, Moath Alqaraleh, Lidia Al-Halaseh, Alaa Sanabrah, Maha N Abu Hajleh, Arwa Al Khatib, Walhan Alsaheer, El-Sayed Negim, Khaled Khleifat
Biomedical Chromatography 2023; 37(11)
- Measuring the knowledge and perception of Jordanian health science students towards self-prescribed medications: a descriptive analysis study**
 Ra'ed M Shudifat, Sultan Mosleh, Suhair Almakhzomi, Mohammad Al Shdifat, Malek Alnajjar, Ja'far M Alkhawaldeh, Lidia K Al-Halaseh^{*}
Journal of Pharmaceutical Health Service Research 2023; November
- Community pharmacists' perception and role in early diagnosis and health promotion of celiac disease**
 Rawan Al-Suhaimat, Lidia K Al-Halaseh^{*}, Ali Al-Samydai
Journal of Pharmaceutical Health Service Research 2023; November

Conferences

- The 11th Jordanian Pharmaceutical conference, the association of Jordanian pharmacists, 28-30/09/2005. Oral Presentation: Dyeing Hair with *Hibiscus sabdariffa* extract.
- The 3rd international conference of Royal Jordanian Medical services in collaboration with The Royal College of Physician of London, 08/04/2006. Oral presentation: factors affecting hair dyeing process with *Hibiscus sabdariffa* extract.
- The Academy of Pharmaceutical Sciences Conference, Nottingham, UK, 7th-9th September 2015. Phytochemistry of hydroxycoumarins in cassava (*Manihot esculenta*) during postharvest physiological deterioration. Poster presentation
- Trends in natural product research: A young scientists meeting of the Phytochemical Society of Europe PSE and IUNG-PIB Conference, Pulawy, Poland, 30th May-2nd June 2016. Using transgenic plants to investigate the pathways of hydroxycoumarins biosynthesis. Oral and poster presentations.
- The Academy of Pharmaceutical Sciences Conference, London, UK, 5th-7th September 2017. Tracing scopoletin biosynthesis in wild type and transgenic *Arabidopsis thaliana* (Poster presentation).
- The Academy of Pharmaceutical Sciences Conference, London, UK, 5th-7th September 2017. Functional expression of cassava *O*-methyltransferase enzymes in *Escherichia coli* (Poster presentation).
- Mutah University, Dead sea, Jordan, 18th-19th April 2018. Using modern technology in Pharmaceutical science. The Scientific committee at Jordan Pharmacists Association

- The 9th scientific day titled “Pharmacovigilance: an effective role of pharmacists” at University of Petra Pharmaceutical Center, Amman – Jordan on Jan, 23rd, 2020.
- The Second Middle East Specialized Nutrition Virtual Conference. Organizer: Nutricia, 4th-5th December 2020
- Organizer committee member for the international conference: International conference: “COVID-19 pandemic rearranges the scientific research priorities”, 17th February 2021, 1:00-8:00 Jordan time
- The sub-regional meeting on IP and Public Health for selected Arab Countries which was held virtually on June 28 and 29, 2022. Ministry of Industry, Trade, and Supply, Jordan.
- The 1st International Conference for Science and Pharmacy (MSPCI), Mutah University, October 26-28, 2022
- International conference on nanomaterials and nanotechnology, Paris-France, 28-29 March 2023. The effectiveness of Rutin in improving anticancer effect and stability of PEGylated Nanoliposome. (Speaker: Dr Ali Al-Samydai).
- Organizer Scientific committee member: Pharmacy Profession in the Bicentennial: a future vision. Jordan Pharmacy Association, 14-16, September 2023. Amman-Jordan.
- The Hair Science E-Summit conference, 25 September, 2023. The Eco Well-via Zoom application.
- Organizer committee member: The 2nd International Conference for Science and Pharmacy (MSPC2). 25-26 October 2023. Mutah University-Jordan.
- The 2nd international conference on advanced nanomaterials and nanotechnology, Vienna-Austria, 20-21 November 2023. Preparation, Characterization, and anti-aging properties of Rutin and Etoricoxib co-loaded nanoemulsion and its application in managing skin-related diseases. (Speaker: Dr Ali Al-Samydai).

Awards

Winner of the TEVA award for the best oral presentation at the Phytochemical Society of Europe PSE meeting, Poland 2016

The most active researcher at the Faculty of Pharmacy and the 4th active at Mutah University for the academic year 2021-2022. Deanship of Scientific Research, Mutah University

International Collaboration

Research collaboration between the “Research Center for Applied Microbiology” (BRIN), Jakarta, Indonesia and Mutah University, Al-Ahlyyieh University, Al-Balqaa Applied University. Role: team leader

Accreditation Council for Pharmacy Education: granted for the school of Pharmacy, Mutah University 2023-2025. Role: team member

Grants:

King Abdullah II Fund for Development – KAFD in cooperation with King Abdullah II Design & Development Bureau – KADDB. “*A natural remedy to help coping with the stressful consequences of Covid-19 pandemic*”. 2020-2021: **5000 JD**.

Al-Balqaa Applied University. A fund for the research project entitled: “*Bioprospecting for halotolerant green microalgae from brackish water in Jordan with potential high lipid content*”. 2022-2025: **28000 JD**. Co-researcher: 2021-

Mutah University. “*Upgrading the teaching and training capabilities at the faculty of pharmacy to get the ACPE*”. 2022-2023: **47000 JD**.

Research interest

Isolation and characterization, and investigating the biosynthetic pathways of compounds with known biological activities from wild type and transgenic plants. This is by using different spectroscopic and chromatographic techniques, mainly NMR, HPLC, LC-MS and molecular biotechnological aspects.

Isolation and investigation of non-invasive, hypoallergenic, and biologically active compounds to be employed in topically used cosmetic preparation

Characterization of value-added products and biofuel production from Micro algae

Cosmetics and Cosmeceuticals

Peer reviewer role

Journal of Cosmetic Dermatology

Publisher: **WILEY**, 111 RIVER ST, HOBOKEN, USA, NJ, 07030-5774

ISSN / eISSN: 1473-2130 / 1473-2165

Indexed: Scopus (Q2), Web of Science, core collection; Science Citation Index Expanded

Health Science Reports

Publisher: **WILEY**, 111 RIVER ST, HOBOKEN, USA, NJ, 07030-5774

ISSN / eISSN: 2398-8835

Indexed: Scopus, Web of Science Core Collection: Emerging Sources Citation Index

Jordan Journal of Pharmaceutical Sciences

Publisher: **University of Jordan**, Faculty of Pharmacy, Jordan

ISSN: 2707-6253

Indexed: Scopus (Q3)

Journal of Pharmaceutical Health Services Research

Publisher: **Oxford** University Press

ISSN: 1759-8885 / 1759-8893

Indexed: Scopus (Q2), Web of Science Core Collection: Emerging Sources Citation Index

Heliyon

Publisher: **Elsevier**

ISSN: 2405-8440

Indexed: Scopus (Q1), Web of Science Core Collection: Expanded

Publons: <https://publons.com/researcher/4838914/lidia-kamal-al-halaseh/>

Web of Science Researcher ID: [AAB-8410-2022](https://orcid.org/0000-0002-1234-5678)

Google Scholar: <https://scholar.google.com/citations?user=DNgcNqoAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57226881793>

Research Gate: <https://www.researchgate.net/profile/Lidia-Alhalaseh-2>

Recent training courses

- Literature searching: Embase and PubMed course/UK.
- Literature searching: ScienceFinder course/UK.
- Speed reading training course/UK.
- Critical writing/UK.
- Research in data management/UK
- Understanding copyrights/UK
- Time management/UK
- Inside Cancer: How genes influences cancer development/UK
- Working with genetic modified organisms/UK
- Bioinformatics/UK
- Genetic diabetes: Exeter University/UK
- Microsoft training/ Jordan-Mutah University:
جامعة مؤتة/ورشة عمل: ملف المقرر ونتائج التعليم
- Virtual National Patent Drafting Workshop. Ministry of Industry, Trade, and Supply, Jordan. December the 7th, 2021.
- Guidance about ACPE application- CPE Operations and International Services Program Coordinator. Accreditation Council for Pharmacy Education (ACPE)
- مؤسسة عبد الحميد شومان /ورشة عمل: ورشة تعريفية لصندوق دعم البحث العلمي
- مركز التعليم الالكتروني ومركز التطوير /ورشة عمل " خطة ادماج التعليم الالكتروني في التعليم العالي"
الاكاديمي وضمان الجودة-جامعة مؤتة
- هيئة اعتماد مؤسسات التعليم العالي: معايير اعتماد وجودة البرامج الاكاديمية لكليات الصيدلة والتمريض بالاردن
- How to qualify for accreditation council for pharmacy education (ACPE) international accreditation: organized by quality assurance and accreditation council at AArU. 6-7 June, 2022, Amman-Jordan.
- EBSCO Journal Indexing: Organized by Association of Arab Universities; 14 December, 2023.

Postgraduate supervision:

M(Pharm); Abdul-Hakeem Yousef Hasan (202017133): “*In Vitro and in Vivo studies for the nephroprotective and antioxidant effect of Moringa peregreina leaf in kidney enzymes and tissues*”.

Co-supervisor (2021-2022): Al-Ahliyya University-Amman-Faculty of Pharmacy

M(Pharm); Mohammad Abbas Lilly (202027116): “*The protective effect of M. peregrina Leave extracts against infertility in animal male model*”.

Co-supervisor (2021-2022): Al-Ahliyya University-Amman-Faculty of Pharmacy

M(Pharm); Mohammad Zaher (202017152): “*In vitro studies on fortified carotenoids-rich collagen from the mucus of the snail Helix aspersa as a component of cosmetics and pharmaceutical products*”

Co-supervisor (2022-2023); Al-Ahliyya University-Amman-Faculty of Pharmacy

PhD; Alkhadhrh Mohammed Zaher Abdulrazzaq: “*Mechanisms of Flavonoids Against Breast Cancer through Integrated Metabolomics and Network Pharmacology*”

Co-supervisor (2023-); Universiti Sains Malaysia- Advanced Medical and Dental Institute

Committee's membership:

نقابة الصيادلة الاردنية: 2003-

هيئة اعتماد مؤسسات التعليم العالي: خبراء الاعتماد (2018-)

وزارة الصحة الأردنية: لجنة اعداد الأنظمة والتعليمات لمزاولة مهنة التجميل بالأردن (2021-2022)

University and Faculty committees: Quality Assurance, Scientific research, On-Line learning, Study plan committee, and others

Member of the scientific committee of the regional conference, The Jordanian Pharmacists syndicate: Pharmacy profession in the bicentennial: a future vision. 2023

Workshops, seminars, and Webinars

Please find the attached file

Referee

Dr Ian S. Blagbrough

Senior literature, University of Bath/department of Pharmacy and Pharmacology. Bath, UK

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Dr John R. Beeching

Reader, University of Bath/department of Biology and Biotechnology. Bath, UK

J.R.Beeching@bath.ac.uk, Tel: +44 (0) 1225 383572

Dr Michael G. Rowan

Academic lead, University of Bath/department of Pharmacy and Pharmacology. Bath, UK

M.G.Rowan@bath.ac.uk