

## **Lidia K. Alhalaseh**

BPharm, MSc, PhD (Bath, UK)

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Jordan-AIKarak

### **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  
2003-2005 University of Jordan/department of Pharmacy-Jordan  
Master degree in Pharmaceutical science  
1998-2003 Jordanian University of Science and Technology-Jordan  
Bachelor degree in Pharmacy  
1998 Alkarak High School-Scientific branch (92.3% )

### **Employments**

2021-current Head of the department of Cosmetics and Cosmetology/Faculty of Pharmacy-Mutah University  
12/2017-current: Assistant Professor in Pharmacy and Pharmacology-Phytotherapy, Mutah University-AIKarak-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 AlHalaseh, 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<sup>1</sup>, Maha Abu Hajleh<sup>2</sup>, Amal Akour<sup>4,5</sup>, Nadeem Alabdallah<sup>3</sup>, Mohammad Yousef<sup>3</sup>, Ghaida Baqa'in<sup>3</sup>, Ali Al-saadi<sup>5</sup>, Lidia Kamal Al-Halaseh<sup>6</sup>, Talal Aburjai<sup>7</sup>

*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<sup>1</sup>, Maha Abu Hajleh<sup>2</sup>, Amal Akour<sup>3,4</sup>, Naeem Shalan<sup>1</sup>, Nisrein jabber<sup>1</sup>, Lidia Kamal Al-Halaseh<sup>6</sup>, Muhammed Alzweiri<sup>6</sup>

*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-Huwajj , 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

*Journal of Cosmetic Dermatology, 2022 (article in press)*

- **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)*
- **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 (accepted)*
- **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 (accepted)*

## Conferences

The 11<sup>th</sup> Jordanian Pharmaceutical conference, the association of Jordanian pharmacists, 28-30/09/2005. Oral Presentation: Dyeing Hair with *Hibiscus sabdariffa* extract.

The 3<sup>rd</sup> 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, 7<sup>th</sup>-9<sup>th</sup> 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, 30<sup>th</sup> May-2<sup>nd</sup> June 2016. Using transgenic plants to investigate the pathways of hydroxycoumarins biosynthesis. Oral and poster presentations.

The Academy of Pharmaceutical Sciences Conference, London, UK, 5<sup>th</sup>-7<sup>th</sup> September 2017. Tracing scopoletin biosynthesis in wild type and transgenic *Arabidopsis thaliana* (Poster presentation).

The Academy of Pharmaceutical Sciences Conference, London, UK, 5<sup>th</sup>-7<sup>th</sup> September 2017. Functional expression of cassava *O*-methyltransferase enzymes in *Escherichia coli* (Poster presentation).

Mutah University, Dead sea, Jordan, 18<sup>th</sup>-19<sup>th</sup> April 2018. Using modern technology in Pharmaceutical science.

The Scientific committee at Jordan Pharmacists Association

The 9<sup>th</sup> scientific day titled “Pharmacovigilance: an effective role of pharmacists” at University of Petra Pharmaceutical Center, Amman – Jordan on Jan, 23<sup>rd</sup>, 2020.

The Second Middle East Specialized Nutrition Virtual Conference

Organizer: Nutricia

4<sup>th</sup>-5<sup>th</sup> December 2020

Organizer committee for the international conference: International conference: “COVID-19 pandemic rearranges the scientific research priorities”

17th February 2021, 1:00-8:00 Jordan time

## **Award**

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

## **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 (in process)

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

### **Skills**

Various chromatographic and spectroscopic techniques; HPLC, MS, GC, NMR, IR ,..

Advanced computing skills including, Microsoft, Chemdraw, professional referencing programmes e.g. EndNote X7.

Excellent Big data management and data analysis skills

Critical scientific writing skills

### **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

Guidance about ACPE application- CPE Operations and International Services Program Coordinator. Accreditation Council for Pharmacy Education (ACPE)

مؤسسة عبدالحميد شومان /ورشة عمل: ورشه تعريفية لصدوق دعم البحث العلمي

ورشة عمل " خطة ادماج التعليم الالكتروني في التعليم العالي " /مركز التعليم الالكتروني ومركز التطوير الاكاديمي وضمان الجودة-جامعة مؤتة

هيئة اعتماد مؤسسات التعليم العالي: معايير اعتماد وجودة البرامج الاكاديمية لكليات الصيدلة والتمريض بالاردن

## Master student supervision:

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

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

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

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

## Committee’s membership:

نقابة الصيادلة الاردنية: 2003-

هيئة اعتماد مؤسسات التعليم العالي: خبراء الجودة (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

## 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](mailto: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](mailto:M.G.Rowan@bath.ac.uk)