

NAME, ADDRESS AND CURRENT POSITION

SHEREEN MASHHOUR ASSAF, BSc, MSc, PhD
PROFESSOR
PHARMACEUTICAL SCIENCES

DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY
FACULTY OF PHARMACY
JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
B.O. BOX 3030 IRBID 22110 JORDAN

PHONE: +962795514441
E-MAIL: sheassaf@just.edu.jo

PROFESSIONAL SUMMARY:

- Professor of Pharmaceutical Sciences.
- Previous chairperson, and previous assistant dean at the Faculty of Pharmacy, JUST.
- Administration experience of 9+ years.
- Participated in the organization of many scientific conferences.
- Acted as reviewer for many local and international journals.
- JFDA committee member/ consultant since 2012.
- Built a trustable relationship with students, colleagues, and employers and maintained a modest relation with my colleagues.
- Worked as advisor, co-advisor, internal and external examiner & committee member to graduate students' research work.
- Worked among the different faculty and university committees.
- Worked among other educational and non-educational committees.
- Well-organized, broad vision, strong communication skills, and leadership abilities.
- Ability to work with others, co-ordinate team works, and work under pressure.
- Participated in many voluntary community services in medical care, health awareness, general and pharmaceutical education.
- Positivity, motivation and willingness for charity work.
- Has a good experience in the formulation and development of pharmaceutical formulations, and the regulations and development of pharmaceutical industry.

EDUCATION, TRAINING AND SKILLS:**EDUCATIONAL QUALIFICATIONS**

Degree	Field	Title of Thesis	Institution	Year
PhD	Pharmaceutical Sciences	Novel Vesicles from Surfactant Mixtures for Use in Topical Drug Delivery	Strathclyde University, Glasgow-UK	1992
MSc	pharmaceutical Analysis	Myristyl Alcohol - Surfactant Vesicles as Drug Delivery Systems for Progesterone: Some Analytical Studies	Strathclyde University, Glasgow-UK	1989
BSc	Pharmacy	-	Yarmouk University, Irbid-Jordan	1985

minutiae**PRACTICAL PHARMACY TRAINING**

Upon the request of the law of Jordan Pharmaceutical Association (JPA) and the Ministry of Health (MOH) in Jordan and as part of the fulfillment of the degree of Pharmacy at Yarmouk University, the following training has been made:

Summer (1983 & 1984)	4 months	Community pharmacy at Al-Hikma Pharmacy, Zarqa-Jordan
----------------------	----------	---

July 1984	1 month	Clinical and hospital practice at King Hussein Medical Center, Amman-Jordan
August 1984	1 month	Pharmaceutical industry at Dar Al Dawa, Naor-Jordan

NON-DEGREE COURSES

3rd March – 28th April 1986	TOEFLE preparation course	60 hours	Yarmouk University, Irbid-Jordan
January – May 1998	French language (level 1)	5 months	French Education Center, Amman-Jordan
September 2000 – July 2001	French language (level 2)	1 academic year	SCOLA - Sutton / UK

KNOWLEDGE AND SKILLS

Computer Skills	Very good
Communication and Managerial skills	Excellent
English Language	Fluent
French Language	Basic

MEMBERSHIPS:

1985 – Present	Member of the Jordanian Association of Pharmacy, Amman-Jordan
1992 – Present	Member of the Alumni club for British university graduates, The British Council, Amman-Jordan

PUBLICATIONS

- 1 Adsorption of Ketotifen onto Some Pharmaceutical Excipients
S.S. Al-Nimry, **Shereen M. Assaf**, I.M. Jalal, N.M. Najib
International Journal of Pharmaceutics. Volume 149, pages 115-121, 14 April 1997
- 2 Release of Salicylic Acid, Diclophenac Acid and Diclophenac Acid Salts From Isotropic and Anisotropic Nonionic Surfactant Systems Across Rat Skin
N.H. Gabboun, N.M. Najib, H.G. Ibrahim, **Shereen M. Assaf**
International Journal of Pharmaceutics. Volume 212, issue 1, pages 73-80, 5 Jan 2001
- 3 Mucoadhesive Dosage Form of Lidocaine Hydrochloride: I. Mucoadhesive and Physicochemical Characterization
R. Abu-Huwaij, **Shereen M. Assaf**, M. Salem, A. Sallam
Drug Development and Industrial Pharmacy. Volume 33, Issue 8, pages 855-864, August 2007
- 4 Potential Mucoadhesive Dosage Form of Lidocaine Hydrochloride: II. In Vitro and In Vivo Evaluation
R. Abu-Huwaij, **Shereen M. Assaf**, M. Salem, A. Sallam
Drug Development and Industrial Pharmacy. Volume 33, issue 4, pages 437-448, April 2007
- 5 Effect of Different Organic Solvents on Crystal Habit of Mefenamic Acid
Shereen M. Assaf, M.S. Khanfar, R. Obeidat, M. Salem, A.I. Arida
Jordan Journal of Pharmaceutical Sciences. Volume 2, No. 2, pages 150-158, 2009
- 6 Pectin Grafted Poly (N-Vinylpyrrolidone): Optimization and In Vitro Controllable Theophylline Drug

Release

M. M. Fares, **Shereen M. Assaf**, Y.M. Abul-Haija

Journal of Applied Polymer Science. Volume 117, issue 4, pages 1945-1954, 15 August 2010

(Article first published online: 1 APR 2010 | DOI: 10.1002/app.32172)

- 7 Factors Involved in Formulation of Oily Delivery System for Proteins Based on PEG-8 Caprylic/Capric Glycerides and Polyglyceryl-6 Dioleate in a Mixture of Oleic Acid with Chitosan
Shereen M. Assaf, Nawzat D. Al-Jbour, Ala'a F. Eftaiha, Amani M. Elsayed, Mayyas M. Al-Remawi, Nidal A. Qinna, Babur Chowdhry, Stephen Leharne, Adnan A. Badwan
Journal of Dispersion Science and Technology. Volume 32, issue 5, pages 623-633, 2011
ISSN: 0193-2691 print=1532-2351 online, DOI: 10.1080/01932691003659775
(Received 10 November 2009; Accepted 22 December 2009)
- 8 Versatile Pectin Grafted Poly (N-isopropylacrylamide); Modulated Targeted Drug Release
Shereen M. Assaf, Yousef M. Abul-Haija, Mohammad M. Fares
Journal of Macromolecular Science Part A: Pure and Applied Chemistry. Volume 48, issue 6, pages 493–502, 2011
ISSN: 1060-1325 print / 1520-5738 online, DOI: 10.1080/10601325.2011.573374
(Received September 2010; Accepted January 2011) Online publication date: 09 May 2011
- 9 Enhanced Buccal Delivery of Fentanyl Citrate Using Buccal Patches
Mutaz Salem, **Shereen M. Assaf**, Rana Abu-Huwaij, Alsayed Sallam
Journal of Pharmacy and Pharmacology 62(10): 1266-1267, October 2010
- 10 Biodegradable Amphiphiles of Grafted Poly (Lactide) Onto 2-Hydroxyethyl Methacrylate-Co-N Vinylpyrrolidone Copolymers as Drug Carriers
Mohammad M. Fares, **Shereen M. Assaf**, Anees A. Jaber
Journal of Applied Polymer Science. Volume 000, pages 840–848, 2011
DOI 10.1002/app.34054, Published online 11 May 2011 in Wiley Online Library
(wileyonlinelibrary.com).
(Received 14 October 2010; Accepted 28 December 2010)
- 11 Fast and pH-Dependent Release of Domperidone from Orally Disintegrating Tablets
Shereen M. Assaf, Amjad M. Qandil, Enas A. Al-Ani
Pharmaceutical Development and Technology. Volume 18(4), pages 897-905, 2013
doi: 10.3109/10837450.2011.583925. Epub 2012 Feb 3.
- 12 Sustained-Release Diclofenac Potassium Orally Disintegrating Tablet Incorporating Eudragit ERL/ERS: Possibility Of Specific Diclofenac-Polymer Interaction
Amjad M. Qandil, **Shereen M. Assaf**, Enas A. Al Ani, Alaa Eldeen Yassin, Aiman A. Obaidat
Journal of Pharmaceutical Investigation. Volume 43, pages 171-183, 2013
DOI 10.1007/s40005-013-0065-4. Published online March 2013.
- 13 Preparation and Evaluation of Fentanyl Transdermal Patches Using Lidocaine as A Model Drug and Azelaic Acid as A Penetration Enhancer
Nawal A. Rajab, Alaa A. Abdul Rassol, **Shereen M. Assaf**, Al-sayed A. Sallam
International Journal of Pharmacy and Pharmaceutical Sciences. Volume 6, Issue 7, pages 615-620, 2014
(Received: 08 Jun 2014 Revised and Accepted: 20 Jul 2014).
- 14 Immune Response Assessment of Inactivated Newcastle Disease Virus Liposomal-Based Vaccine

- Mohammad Khalifeh, **Shereen Assaf**, Walid Al-Saleh, Mohammad Gharaibeh
Veterinary Science Development. Volume 4, No 2, page 5514 (6 pages), 2014
Submitted: 2014-06-11 11:12:47; Published online: 2014-09-04 14:32:13.
DOI: 10.4081/vsd.2014.5514.
- 15 *Formulations and Technologies In Growth Hormone Delivery*
Gubran Khalil Mohammed, Rana M. Obaidat, **Shereen Assaf**, Mai Khanfar, Bashar Al-Taani
International Journal of Pharmacy and Pharmaceutical Sciences. Volume 9, Issue 7, pages 1-12, 2017
- 16 *Design and evaluation of transdermal delivery system containing tamsulosin hydrochloride*
Shereen M. Assaf, Al Sayyed Alarabi Sallam, Aya M. Ghanem
Journal of Drug Delivery Science and Technology. Vol 51, pages 524–534, 2019.
<https://doi.org/10.1016/j.jddst.2019.03.023>
Received 21 November 2018, Revised 15 February 2019, Accepted 18 March 2019, Available online 24 March 2019.
- 17 *Preparation and characterization of co-processed starch/MCC/chitin hydrophilic polymers onto magnesium silicate*
Shereen M. Assaf, Mai Subhi Khanfar, Ahmed Bassam Farhan, Iyad Said Rashid, Adnan Ali Badwan
Pharmaceutical Development and Technology. Vol. 24, no. 6, pages 761–774, 2019
Accepted author version posted online: 19 Mar 2019. Published online: 26 Apr 2019. DOI: 10.1080/10837450.2019.1596131
- 18 *Jojoba Oil Based Microemulsion For Transdermal Drug Delivery*
Shereen M. Assaf, Khalid T. Maarooof, Bashar M. Altaani, Mowafaq M. Ghareeb, Amane A. Abu Alhayyal.
Research in Pharmaceutical Sciences, August 2021; 16(4), pages 326-340, 2021.
- 19 *Fabrication and evaluation of transdermal delivery of carbamazepine dissolving microneedles.*
Rana Obaidat, Fatima BaniAmer, **Shereen M. Assaf**, Ahmed Yassin.
AAPS PharmSciTech. 2, 253, 2021.
- 20 *Microemulsions as nanocarriers for oral and transdermal administration of enoxaparin.*
Jamal Alyoussef Alkradl, **Shereen M. Assaf**, Samer H. Hussein-Al-Ali, Rabaa Alrousan.
Journal of Drug Delivery Science and Technology. Vol 70, April 2022, 103248.
[https://doi.org/10.1016/j.jddst.2022.103248.](https://doi.org/10.1016/j.jddst.2022.103248)
- 21 *Formulation and evaluation of Eudragit. RL polymeric double layer films for prolonged-release transdermal delivery of tamsulosin hydrochloride.*
Shereen M. Assaf, Aya M. Ghanem, Shayma'a A. Alhaj, Enam A. Khalil, and AlSayed Alarabi Sallam. *AAPS PharmSciTech, 2022 Jul 29;23(6):210. doi: 10.1208/s12249-022-02358-x.*
- 22 *Novel Poly(Ester Amide) Derived from Tyrosine Amino Acid for Targeted Pulmonary Drug Delivery of Fluticasone Propionate.*
Hussien AbdulKarim, Dalia K. Ali, Esra' Taybeh, Hamad S. Alyami, **Shereen M. Assaf**, Eman Zmaily Dahmash. *Journal of Applied Polymer Science. Vol 140, issue 13, Apr 2023.*
DOI: 10.1002/app.53672

PUBLICATIONS IN PRESS OR UNDER PREPARATION

Three other manuscripts are currently under submission.

TEACHING, SCIENTIFIC AND PROFESSIONAL DEVELOPMENT**PAST TEACHING EXPERIENCE**

Nov 2021 - Present	Professor, Faculty of Pharmacy, Department of Pharmaceutical Technology, JUST, Irbid-Jordan. Promoted according to the decision of the Council of Deans in the session number 40/2021, on 2/11/2021, JUST.
Sept 2011 - Present	Associate Professor, Faculty of Pharmacy, Department of Pharmaceutical Technology, JUST, Irbid-Jordan. Promoted according to the decision of the Council of Deans in the session number 31/2011, on 2/8/2011, JUST.
Second term 2018/2019	Part-time lecturer, Faculty of Pharmacy, The Hashemite University, Zarqa-Jordan
First term 2010/2011	Part-time lecturer, Faculty of Pharmacy, The University of Jordan, Amman-Jordan; during which I volunteered to give an unpaid full course of "Advanced Dosage Forms" to the undergraduate Pharmacy Doctor (PharmD) students at the Faculty of Pharmacy, JUST, Irbid/ Jordan.
Sept 2010 – Aug 2011	Part-time lecturer, Faculty of Pharmacy, Isra University, Amman-Jordan.
Summer term 2009/2010	Part-time lecturer, Faculty of Pharmacy, Isra University, Amman-Jordan.
July 1992 – 2010	Assistant Professor, Faculty of Pharmacy, Department of Pharmaceutical Technology, JUST, Irbid-Jordan (during which, there was an unpaid leave for the academic year 2000/2001, spent in Sutton/ UK accompanying my husband)
Oct 1989 – June 1992	Teaching Assistant in Pharmaceutical Technology Laboratories, Strathclyde University, Glasgow-UK
Sept 1986 – 21th Oct 1987	Teaching and research Assistant, Faculty of Pharmacy, JUST, Irbid-Jordan
Sept 1985 – Aug 1986	Teaching and Research Assistant, Faculty of Pharmacy, Yarmouk University, Irbid-Jordan

ADMINISTRATIVE POSITIONS

Sept 2007 – Aug 2008	Head of the department of Pharmaceutical Technology, Faculty of Pharmacy, JUST, Irbid-Jordan
Sept 2003 – Aug 2005	Head of the department of Pharmaceutical Technology, Faculty of Pharmacy, JUST, Irbid-Jordan
Sept. 2002 – Aug 2003	Assistant Dean of the Faculty of Pharmacy, JUST, Irbid-Jordan
Sept 1997 – Aug 2000	Head of the Department of Pharmaceutical Technology and Clinical Pharmacy, Faculty of Pharmacy, JUST, Irbid-Jordan
Sept 1996 – Aug 1997	Assistant Dean of the Faculty of Pharmacy, JUST, Irbid-Jordan

SABBATICAL LEAVE

Period	Description	Location
Sept 2018 – Sept 2019	Full-time lecturer and researcher. Sabbatical Research project title: Development and Characterization of Swelling Hydrogels for Potential Use in Drug Delivery	Zarqa University, Zarqa-Jordan.

TEACHING COURSES

Statement: I have taught many undergraduate as well as postgraduate courses for Pharmacy and Pharmacy Doctor students at Jordan University of Science and Technology. I was asked by the University of Jordan, the Hashemite University, and Isra University to teach different pharmacy courses. During my whole career, I got exposed to over 10,000 local and international undergraduate Pharmacy and Pharmacy Doctor students. I participated as member of many examination committees inside and outside the University; as internal and external examiner. The lists of the courses that I taught, and the graduate students that I supervised and examined are presented below.

I. Courses I taught at Jordan University of Science and Technology, Faculty of Pharmacy, Irbid:

Course Title	Credit	Description
<i>Physical pharmacy Lab, Pharmaceutics Lab 1 and Lab2, Pharmacy practice Lab 1, Lab 2, Lab 3</i>	<i>1 (each course)</i>	<i>Practical laboratory core courses for third- and fourth-year undergraduate Pharmacy/Pharmacy Doctor students</i>
<i>Dispensing Lab</i>	<i>1</i>	<i>Practical laboratory core course for fifth year undergraduate Pharmacy students</i>
<i>Pharmaceutics 1</i>	<i>3</i>	<i>Theoretical core course for third year Pharmacy students</i>
<i>Pharmaceutics 2</i>	<i>3</i>	<i>Theoretical core course for third year Pharmacy students</i>
<i>Pharmaceutics 4</i>	<i>1</i>	<i>Theoretical core course for fourth year Pharmacy Doctor students</i>
<i>Advanced Dosage Forms</i>	<i>2</i>	<i>Theoretical core course for third fourth year Pharmacy, and fifth year Pharmacy Doctor students</i>
<i>Pharmacy practice & Jurisprudence</i>	<i>3</i>	<i>Theoretical core course for third year undergraduate pharmacy students.</i>
<i>Drug Delivery Systems</i>	<i>3</i>	<i>Theoretical core course for fifth year undergraduate pharmacy students</i>
<i>Pharmacy Training</i>	<i>1</i>	<i>Practical core course for fourth year undergraduate pharmacy students</i>
<i>Hospital Pharmacy</i>	<i>3</i>	<i>Faculty elective course for Pharmacy students</i>
<i>Over the Counter Drugs</i>	<i>3</i>	<i>Faculty elective course for Pharmacy students</i>
<i>Drugs: Their Uses and Precautions</i>	<i>3</i>	<i>University elective course in for undergraduate university students</i>
<i>Over The Counter Drugs</i>	<i>3</i>	<i>Theoretical core course for Pharmacy Doctor undergraduate students</i>
<i>Basic Biopharmaceutics and Pharmacokinetics</i>	<i>3</i>	<i>Shared teaching part of the theoretical core course for undergraduate Pharmacy students</i>
<i>Instrumental Analysis</i>	<i>3</i>	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students and for M.Sc. Quality Control Students</i>
<i>Drug Design</i>	<i>3</i>	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students</i>
<i>Drug Delivery Systems</i>	<i>3</i>	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students and M.Sc. Quality Control Students</i>
<i>Seminar In Pharmaceutical Technology</i>	<i>1</i>	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students</i>

II. Courses I taught at Isra University, Faculty of Pharmacy, Amman:

Course Title	Credit	Description
<i>Pharmaceutics 2</i>	<i>3</i>	<i>Theoretical core course for third year undergraduate pharmacy students</i>

<i>Pharmaceutical Technology</i>	3	<i>Theoretical core course for fourth year undergraduate pharmacy students</i>
<i>Pharmaceutical Technology</i>	3	<i>Advanced theoretical course for MSc pharmaceuticals students</i>

III. Courses I taught at The University of Jordan, Faculty of Pharmacy, Amman:

Course Title	Credit	Description
<i>Biopharmaceutics</i>	3	<i>Theoretical core course for undergraduate Pharmacy students</i>

IV. Courses I taught at Zarqa University, Faculty of Pharmacy, Zarqa:

Course Title	Credit	Description
<i>Pharmaceutics-1 (Course No.: 1101317)</i>	3	<i>Theoretical core course for undergraduate Pharmacy students</i>
<i>Pharmaceutics-2 (Course No.: 1101318)</i>	3	<i>Theoretical core course for undergraduate Pharmacy students</i>
<i>Advanced Drug Formulation and Drug Delivery (Course No.: 1101656)</i>	3	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students</i>
<i>Pharmaceutical Technology (Course No.: 1101702)</i>	3	<i>Advanced theoretical course for M.Sc. Pharmaceutical Technology students</i>

V. Courses I taught at The Hashemite University, Faculty of Pharmacy, Zarqa:

Course Title	Credit	Description
<i>Special Topics in Industrial Pharmacy (Course No.: 1101702)</i>	3	<i>Theoretical course for fifth year undergraduate pharmacy students</i>

RESEARCH COLLABORATION

Research work collaboration with pharmaceutical industries:

1	<i>The Jordanian Pharmaceutical Manufacturing Co. (JPM), Naor, Jordan</i>	2008 – 2010
2	<i>TQ Pharma, Amman, Jordan</i>	2016 – Present

AWARDS

Award	Awarded by	Research Proposal	Award Date
1 <i>Student Research Award (Undergraduate Students: Lubna O. L. Quran; Aysha M. S. Alshekhossin; Dalia A. I. Khaled; Jamela H. A. Abumurrah; Ansam A. Y. Ayyad)</i>	<i>King Abdullah II Fund for Development (KAFFD)</i>	<i>Designing a controlled release carbamazepine-resin complex liquid formulation for epileptic pediatric patients</i>	<i>Jan 2022</i>

ACADEMIC COMMITTEES AND ACTIVITIES

Participated in many committees at the level of the university, the faculty and the department. Listed below are some of the important committees that I participated for many times (most of which, I joined for more than 10-15 times):

- Faculty Council committee
- Scientific conferences and workshop committee
- Continuous education committee
- Faculty and Department committees for graduate studies
- Faculty and Department committees for scientific research
- Committee of student issues (on the level of the Faculty and the University)
- Student training committee
- JUST Pharmacy Alumni Committee
- Social committee
- Curriculum committee

Many promotion committees, to evaluate the scientific work submitted for promotion at the level of the department and faculty.

Central bidding committee

Steering committee for the “Self-Assessment Instrument for Certification of Professional Degree Program of Colleges and Schools of Pharmacy based outside the United States of America”, 2016-2017.

Member of the scientific advisory board for Technology Mirror Magazine of JUST, since its establishment until it was closed on 2000.

Member of the “Preparing the university environment to meet the needs and requirements of students as one of the axes of the university strategic plan” committee during the academic year 2005/2006.

Member of committee for “Supervising the elections for representatives of the college of pharmacy in the university student union council for the eleventh session” (2003).

Member of JUST Pharmacy Alumina committee.

GRADUATE ADVISORSHIP EXPERIENCE**I. Major advisor for the following graduate students:**

	Student name	Degree	Institution	Thesis Title	Date
1	<i>Suhair Al-Nimry</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Adsorption of Ketotifen onto Some Pharmaceutical Excipients</i>	<i>June 1995</i>
2	<i>Ruba M. Al Roussan</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Development and Evaluation of Triprolidine Topical Drug Delivery Systems</i>	<i>May 2000</i>
3	<i>Hind H. Abu-Judeh</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Topical Drug Delivery Systems of Tetracycline HCl for the Treatment of Acne Using Niosomes</i>	<i>May 2000</i>
4	<i>Khalid Al-Attar</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Not finished: Student changed to non-thesis option</i>	<i>-</i>

5	<i>Amane A. A. Abu Alhayyal</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Transdermal Delivery of Ketorolac Using Microemulsion Vehicles</i>	<i>June 2008</i>
6	<i>Enas Atallah Thamir Al-Ani</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Preparation and Evaluation of Orally Disintegrating Tablets</i>	<i>May 2009</i>
7	<i>Alaa Mohammad Mustafa Al-Qudah</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>The Use of Low Molecular Weight Chitosan and Carbopol 971P as Mucoadhesive Buccal Delivery System for Nicotine Hydrochloride</i>	<i>May 2010</i>
8	<i>Ahmad Alrawi</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Excipient Engineering Applied to Natural Hydrophilic Polymers</i>	<i>Dec. 2011</i>
9	<i>Maram Ibrahim Abd Al-Raouf Khanfar</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Topical Cosmeceutical Microemulsion Based on Jojoba Oil for Acne Treatment</i>	<i>Dec 2016</i>
10	<i>Deemah Zughoul</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Sustained Release Tablets for Venlafaxine Hydrochloride Using Low Molecular Weight Chitosan and Beeswax</i>	<i>May 2016</i>
11	<i>Khansa'a Masadeh</i>	MSc	<i>Dept. of Forensic Science, JUST</i>	<i>Synthesis, Characterization and Properties of (Acrylonitrile-Methacrylate)-Block-Anthocyanin Materials for Detection of Potentially Toxic Drugs</i>	<i>Nov 2017</i>
12	<i>Aya Mohammad Mahmoud Ghanem</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Design and Evaluation of a Transdermal Delivery System for Prolonged Delivery of Tamsulosin</i>	<i>May 2017</i>
13	<i>Hind Ahed Farid Ghadayah</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Preparation and Evaluation of Oral Controlled Release Paliperidone Matrix Tablets</i>	<i>Oct 2017</i>
14	<i>Raghda Nasri Sliman Sabat</i>	MSc	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Design and Formulation of Orally Disintegrating Tablets for Ziprasidone Hydrochloride with Enhanced Dissolution and Release Properties</i>	<i>Nov 2017</i>
15	<i>Shymaa Abdel Fattah Moh'd Alhaj</i>	MSc	<i>Dept. of Pharmaceutical</i>	<i>Optimization of Transdermal Drug Delivery System of</i>	<i>Oct 2019</i>

			<i>Technology, JUST</i>	<i>Tamsulosin</i>	
16	<i>Athar Zayed Mohammad Tahat</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Oral Disintegrating Tablets of Lamotrigine Nanoparticles for Pediatric Use</i>	<i>Apr 2022</i>
17	<i>Amira Mohammad Sharif AlBataineh</i>	<i>MSc</i>	<i>Nano Engineering and science, at nanotechnology institute, JUST</i>	<i>Development of Chitosan Nanoparticles as Drug Carriers for Pulmonary Management of Cystic Fibrosis</i>	<i>Ongoing</i>
18	<i>Anagheem Saleh Daifallah Alradaideh</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Transdermal Delivery System Containing Drug-Loaded Nanoparticles for Treatment of Parkinson's Disease</i>	<i>Ongoing</i>
19	<i>Hatoun Saleh Ahmad Alomari</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Development of Prolonged- release Dutasteride Transdermal Delivery System for the Management of Benign Prostatic Hyperplasia</i>	<i>Ongoing</i>
20	<i>Ayat Ibrahim Almnayyes</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Design of nanoparticles- encapsulated microneedles for transdermal delivery of rivastigmine for Alzheimer disease management</i>	<i>Ongoing</i>
22	<i>Amal Abdul Khaleq Ali</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Development and Evaluation of Combined Ezetimibe and Simvastatin Transdermal Delivery System</i>	<i>Ongoing</i>
23	<i>Mohammed Issa Al Hamzeh</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Not determined yet</i>	
24	<i>Dia Aldeen Hamadallah</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Not determined yet</i>	

II. Co-advisor for the following graduate students:

	Student name	Degree	Institution	Thesis Title	Date
1	<i>Nancy Gabboun</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Release of Drugs through Rat & Cadaver Skin from Isotropic and Anisotropic Donor Systems</i>	<i>June 1997</i>
2	<i>Samer Al-Najjar</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Formulation and Evaluation of a Transdermal Drug Delivery System of Diclophenac Sodium</i>	<i>Aug 1998</i>

				<i>and Diclophenac Diethyl amine</i>	
3	<i>Rana Abu-Hwajj</i>	<i>PhD</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Development and In Vitro/In Vivo Testing of Mucoadhesive Buccal Patches Releasing Fentanyl Citrate</i>	<i>Aug 2004</i>
4	<i>Asma Hassan E'Llean Fawaljh</i>	<i>MSc</i>	<i>Department of Veterinary Medicine And Surgery – Microbiology, JUST</i>	<i>Stimulation of Immune System Via Delivery of Liposome Incorporated Avian Influenza Virus Vaccine for H9N2 Local Strain with Liposome As Antigen Carrier</i>	<i>Jan 2009</i>
5	<i>Walid Yousef Tawfiq Al-Saleh</i>	<i>MSc</i>	<i>Department of Veterinary Medicine and Surgery – Microbiology, JUST</i>	<i>Development and Assessment of Liposome Associated Newcastle Disease Virus Inactivated Vaccine</i>	<i>May 2009</i>
6	<i>Yousef Mustafa Yousef Abul-Haija</i>	<i>MSc</i>	<i>Department of Applied Chemistry, JUST</i>	<i>[Pectin-co-(N-vinylpyrrolidone)] and Pectin-co-(N-isopropylacrylamide)] Hydrogel Copolymers for Sustained Drug Release; Synthesis and Control</i>	<i>Aug 2009</i>
7	<i>Nawal Ayash</i>	<i>PhD</i>	<i>Baghdad University, Iraq (All practical work was carried out under my direct supervision at the laboratories of JUST)</i>	<i>Transdermal Drug Delivery System of Fentanyl Using Azelaic Acid as Penetration Enhancer</i>	<i>2010</i>
8	<i>Yara Adnan Abdallah Aldmour</i>	<i>MSc</i>	<i>Department of Veterinary Medicine and Surgery – Microbiology, JUST</i>	<i>Cellular Immune Stimulation Via Delivery of Killed BCG Liposome Incorporated Vaccine</i>	<i>June 2010</i>
9	<i>Anees Abdulateef M. Jaber</i>	<i>MSc</i>	<i>Department of Applied Chemistry, JUST</i>	<i>Synthesis, Characterization and Properties of Poly2-Hydroxyethyl Methacrylate-Co-N-Vinyl-2-Pyrrolidone-Graft-Lactide</i>	<i>Aug 2010</i>
10	<i>Fatima "Mohammad amen" Baniamer</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Transdermal Delivery of Carbamazepine by Dissolving Microneedle</i>	<i>March 2021</i>
11	<i>Hussein Mosaad Abdul Kareem</i>	<i>MSc</i>	<i>Department of applied pharmaceutical sciences and Clinical</i>	<i>Pharmacokinetic modelling of formulated fluticasone propionate dry powder inhaler in</i>	<i>May 2021</i>

			pharmacy, Isra University	children with asthma	
12	Tamara Ahmad Alotaibi	MSc	Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University	Development and Characterization of Pilocarpine Ocular Insert	Nov 2022
13	Baraah Raja Jamil Allwansseh	MSc	Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University	Development and Characterization of Vaping Liquid for Potential Pulmonary Drug Delivery	Nov 2022
14	Noor Ridwan Fakhreddin Alashqar	MSc	Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University	Development and Characterization of Nanoaggregates for Pulmonary Drug Delivery (PDD)	Jan 2023
15	Lama Murad Saleem Attiany	MSc	Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University	Development and Characterization of Thymoquinone Transdermal Patch	Jan 2023
16	Mohammad Ahmad Alqasem AlTala'a	MSc	Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University	Development of Baicalin Nanoparticles for Potential Use Against Pseudomonas Aeruginosa Biofilm in Cystic Fibrosis	Ongoing

MEMBER OF GRADUATE EXAMINATION COMMITTEE

I. Acted as internal examiner committee member for the following graduate students:

	Student name	Degree	Institution	Thesis Title	Date
1	Mai S. Khanfar	MSc	Dept. of Pharmaceutical Technology, JUST	Preparation and Characterization of Possible Indomethacin Dosage Forms Using Different Carriers	June 1995
2	Randa Hussein Atwan	MSc	Dept. of Pharmaceutical Technology, JUST	Anti-inflammatory Activity of Niosome-Encapsulated Diclofenac Sodium and – Tocopherol/...	1998
3	Mai S. Khanfar	PhD	Dept. of Pharmaceutical Technology, JUST	Characterization of the Surface Properties of Chitosan Using Adsorption	Feb 2004

4	Rana M. Obeidat	PhD	Dept. of Pharmaceutical Technology, JUST	Kinetics of Solid-State Transformations of Fluconazole	May 2004
5	Suhair S. Al-Nimry	PhD	Dept. of Pharmaceutical Technology, JUST	Development and Evaluation of Two Novel Dosage Forms of Diltiazem Hydrochloride and Diclophenac Sodium Using Ethylene Vinyl Acetate Copolymer and Sodium Starch Glycolate (In-Vitro/In-Vivo Study)	May 2005
6	Amina Bennamani	MSc	Dept. of Pharmaceutical Technology, JUST	Preparation and Characterization of Microemulsion Formulations of Nicotinic Acid and Its Prodrugs for Transdermal Delivery	Apr 2010
7	Mohammad Fouad Hussein Bayan	MSc	Dept. of Pharmaceutical Technology, JUST	Preparation of microparticles for sustained release purposes using supercritical fluid technology	May 2013
8	Mohammad Ahmad Abd Allah Al-Natour	MSc	Dept. of Pharmaceutical Technology, JUST	Preparation of sustained release ibuprofen tablets with pH independent properties using novel combinations of carbomers and polymethacrylate polymers	Dec 2014
9	Dua'a Mahmoud Turki Qasem	MSc	Dept. of Pharmaceutical Technology, JUST	Preparation and evaluation of sustained release matrix tablets for acidic and basic drugs using a novel combination of polymethacrylate polymers	May 2015
10	Hanan Amin Ahmad Quran	MSc	Dept. of Pharmaceutical Technology, JUST	In vitro evaluation of meloxicam in solid dispersion system	July 2016
11	Rudaina	MSc	Dept. of Pharmaceutical Technology, JUST		2021
12	Batoul Ghzawi	MSc	Dept. of Pharmaceutical Technology, JUST		Aug 2021
13	Hadieh Mashaqbeh	PhD	Dept. of	Development of cyclodextrin	Jan

			<i>Pharmaceutical Technology, JUST</i>	<i>nanosponges based system for combined therapy of colorectal cancer</i>	2022
14	<i>Razan Hani Haddad</i>	<i>PhD</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Novel modalities for the nano delivery of hydrophobic drugs</i>	<i>Feb 2022</i>
15	<i>Mais Jaradat</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>		<i>Jan 2023</i>
16	<i>Shorouq</i>	<i>MSc</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>		<i>June 2023</i>
17	<i>Alaa Azeez Abu Dayah</i>	<i>PhD</i>	<i>Dept. of Pharmaceutical Technology, JUST</i>	<i>Docetaxel Delivery Via Ph-Responsive and Mucoadhesive Nanoparticles</i>	<i>Aug 2023</i>

II. Acted as external examiner committee member for the following graduate students:

	Student name	Degree	Institution	Thesis Title	Date
1	<i>Ibtisam Jamal Friej</i>	<i>MSc</i>	<i>Department of Pharmaceutical Sciences, The University of Jordan</i>	<i>Development of Novel Oral Dosage Forms Using Cubic Liquid Crystal Delivery System</i>	<i>May 2000</i>
2	<i>Hala Fareed Abu-Shamat</i>	<i>MSc</i>	<i>Department of Pharmaceutical Sciences, The University of Jordan</i>	<i>The Use of Molecular Modeling to Evaluate and Predict the Efficiency of Different Transdermal Penetration Enhancers</i>	<i>Jan 2002</i>
3	<i>Amal Mahmoud Alnjeeli</i>	<i>MSc</i>	<i>Faculty of Pharmacy, Isra University</i>	<i>The Effect of Citrus Lemon on Intestinal Smooth Muscle Contractility</i>	<i>July 2013</i>
4	<i>Ghayad Farouq Saffarini</i>	<i>MSc</i>	<i>Department of Pharmaceutics and Pharmaceutical Technology, The University of Jordan</i>	<i>Design and evaluation of a transdermal drug delivery system of indapamide utilizing glyceryl monooleate</i>	<i>Dec 2018</i>
5	<i>Duaa' N. Omar</i>	<i>MSc</i>	<i>Department of Pharmaceutical Sciences, Al-Zaytoonah University</i>	<i>Development and characterization of different formulations of controlled release lipid-based delivery systems of carvedilol</i>	<i>Aug 2019</i>

6	<i>Shahd Fuad Al-Tarawneh</i>	<i>MSc</i>	<i>Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University</i>	<i>Nanoparticle Carriers for Targeted Pulmonary Drug Delivery</i>	<i>Dec 2019</i>
7	<i>Amal Yousef Al Khawaja</i>	<i>MSc</i>	<i>Department of Pharmaceutical Sciences, The University of Jordan</i>	<i>Preparation, characterization and Evaluation of New Losartan Salts with Organic Amines and their Evaluation for Transdermal Absorption</i>	<i>Apr 2020</i>
8	<i>Gailany Ismael Al-Jumaily</i>	<i>MSc</i>	<i>Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University</i>	<i>Development and Optimization of Orally Dissolving Films Targeting Pediatrics and Patients Suffering from Dysphagia</i>	<i>Apr 2019</i>
9	<i>Zaid Khaled Naji</i>	<i>MSc</i>	<i>Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University</i>	<i>Vape as Another Drug Delivery System</i>	<i>Aug 2020</i>
10	<i>student (With Dr Jamal Alkrad)</i>	<i>MSc</i>	<i>Department of applied pharmaceutical sciences and Clinical pharmacy, Isra University</i>		<i>2022</i>
	<i>Yara Abu Hilaleh</i>	<i>MSc</i>	<i>Department of Pharmaceutics and Pharmaceutical Technology, University of Petra</i>	<i>Extrusion-Based 3D Printing as A Novel Approach for Oral Administration of Nanoparticles</i>	<i>Aug 2022</i>
11	<i>Student (With Dr. Samer Odwan</i>	<i>MSc</i>	<i>Zarqa University</i>		<i>2022</i>
12	<i>Kamar Hamdan Mohammad Maghamseh</i>	<i>MSc</i>	<i>Department of Pharmaceutical Sciences, Al-Zaytoonah University</i>	<i>Green Gels for Topical Delivery Prepared from Orange Peel: Investigation of the Rheology Behavior and Antimicrobial and Antioxidant Activities</i>	<i>Jan 2023</i>

RESEARCH EXPERIENCE AND INTERESTS

Statement: I have worked as primary investigator and co-researcher in different pharmaceutical research projects at the faculty of Pharmacy, JUST, and in collaboration with other schools and pharmaceutical industries. I have developed research interests in the following fields:

- Pharmaceutical technology and controlled drug delivery
- Nanotechnology
- Liposomes
- Polymeric delivery systems
- Transdermal drug delivery
- Oral drug delivery
- Microneedles in transdermal drug delivery
- Characterization of drug-polymer interactions

PARTICIPATION AND ORGANIZATION OF SCIENTIFIC CONFERENCES AND WORKSHOPS

- Attended and participated at the Glasgow World Festival, The Scientific Day in Glasgow, UK, 1988.
- Attended and participated in the First British Colloid & Surface Science Student Meeting held at the University of Nottingham, Nottingham, UK, 24 – 27 March 1991.
- Attended and participated in the organization of the First International Middle East Conference on Pharmaceutical Sciences held at Jordan University of Science & Technology (JUST), 3 – 5 May 1993.
- Attended a workshop entitled “Transdermal Drug Delivery Systems” held at ACDIMA, Amman, Jordan, 6 May 1993.
- Attended and participated in the 7th Jordanian Pharmaceutical Conference organized by Jordan Pharmaceutical Association, Amman, Jordan.
- Participated in the AAPS annual meeting, San Diego CA, USA, 6 -10 Nov 1994.
- Attended and participated in the organization of a workshop entitled “The Manufacture of Pharmaceutical Products (Arab Pharmaceutical Industry in the Light of the WTO Agreement)” held at Jordan University of Science & Technology (JUST), 8 – 9 Oct 1996.
- Attended and participated in a workshop entitled "Regulatory and Scientific Issues in Drug Product Development" organized by the Faculty of Pharmacy, JUST, and Jordan Export Development and Commercial Canters Corporation (JEDCO), Amman, in corporation with the FDA, held at Jordan University of Science and Technology (JUST), 26 – 28 May, 1997.
- Attended and participated in “The First Scientific Conference for the Arab Colleges of Pharmacy” held at Jordan University of Science & Technology (JUST), 13 – 15 Oct 1997.
- Attended the 4th Scientific Day on Pharmaceutical Industry entitled “The Pharmaceutical Industry in the Service of Society” organized by Jordan Pharmaceutical Association, Jordan, 8 July 2005.
- Attended many different pharmaceutical conferences and scientific days organized by the Jordanian universities and Jordanian Pharmaceutical Association.
- Attended and participated in the “Skin and Formulation, 3rd Symposium-Skin forum, 10th Annual Meeting” that took place in Versailles, France on 9 – 10 March 2009.
- Attended the 51st ASH Annual Meeting and Exposition”, held in New Orleans, USA, 3 – 10 Dec 2009.
- Attended the 7th Palestinian Pharmaceutical & the 3rd Clinical Pharmacy Conference: Good Pharmacy Practice Supports Health and Economical Security, held in Ramallah, Palestine, 15 – 17 May 2013.
- Participated in Private Workshop to combat against commercial fraud and counterfeiting under the title: The best practices of intellectual property rights, held in Amman, Jordan, 13 and 14 May 2014.
- Participated in the 2nd MENA Regulatory Conference on Bioequivalence, Biowaivers, Dissolution and Biosimilars, held in Amman, Jordan, 15 – 17 Sept 2015.
- Attended the ASU-Pharmacy Second Symposium “Recent Trends in Postgraduate Research”, held in Amman, Jordan, 5 and 6 Dec 2015.

- Attended the 8th Palestinian Pharmaceutical Conference: Toward the development of the professional & scientific performance of pharmacy profession and together in supporting our national pharmaceutical industry & institutions, held in Ramallah, Palestine, 3 – 5 May 2016.
- Attended the 1st International Congress of Jordan FDA, under the title: The Pharmaceutical Sector “The reality and Challenges of the Future”, held in Amman, Jordan, 27 – 28 Oct 2016.
- Attended and participated (oral presentation) in the “BIT’s 7th Annual Symposium of Drug Delivery System-2017”, held in Prague, Czech Republic, 12 – 14 July 2017.
- Attended and participated in the organization of the JUST International Pharmacy Conference “Challenges vs Opportunities” and the 2nd International Conference on Ethics in Jordan “Clinical Trials”, held at Jordan University of Science & Technology (JUST), 2 – 4 Aug 2017.
- Attended and participated in “The First Conference of Faculty of Pharmacy, New Trends in Pharmacy between Science and Industry, Faculty of Pharmacy-Yarmouk University on 22 – 23 Nov 2017.
- As an active member of the thalassemia society, I was invited by Apotex Pharma to attend a workshop entitled “Challenges in the management of Thalassemia major in the middle east”, which was held in Jumeirah Emirates Towers-Dubai, 1 Nov 2018.
- Attended, participated in oral presentation, and participated as organizing committee member for the 3rd World Congress & Expo on Pharmaceutics & Drug Delivery Systems. Theme: Frontier Novelties in Pharmaceutical Industry & Drug Delivery Technology, held on 19 – 20 March 2018 at London, UK. Participated in oral presentation.
- Organized and supervised many scientific day visits to different Pharmaceutical companies for undergraduate Pharmacy and Pharmacy Doctor students of JUST, as extracurricular activities of the pharmaceutical and drug delivery courses.
- Attended Al-Zaytoonah University of Jordan and The University of Toledo Seventh International Pharmaceutical Conference (ZTIPC) under the theme: “Future of Pharmaceutical Sciences”. 6 and 7 Nov 2019.
- Attended and participated in the 6th Scientific Day of the Faculty of Pharmacy, held at Zarqa University, Zarqa, 21 March 2019.
- Attended the Pharmaceutical and Drugs halal global forum 3rd, held at Zarqa University, 7-Jan 2020.
- Attended the workshop “Basics of Distance Education”, held at JUST, 21 April 2020.
- Collaborated in the organization of workshop “Pharmacists and MORE workshop” and organized “Pharmacy training during COVID-19” Webinar with the CEO of Pharmacy One, May 2020.
- Attended The Blended Congress of The School of Pharmacy 2021 Conference, 7-8 April, 2021, The University of Jordan, Amman-Jordan.
- Organized Webinar g.co/ Maharat (Organizer): اساسيات التسويق على الانترنت بالشراكة مع مؤسسة انجاز
- Attended the workshop “بناء موقع الكتروني وتسكيته على سيرفر الجامعة” held at JUST, 13 & 14 Feb 2023.

SCIENTIFIC CONFERENCES: ORAL AND POSTER PRESENTATIONS

1	<i>Novel Vesicles from Synthetic Surfactants.</i> Shereen M. Assaf; G. Eccleston	<i>Poster Presentation</i>	<i>The First British Colloid & Surface Science Student meeting, University of Nottingham, Nottingham, UK, March 24th - 27th, 1991</i>
2	<i>Adsorption of Clomiphene Citrate onto Some Pharmaceutical Excipients.</i> Shereen M. Assaf; N. M. Najib; I.M. Jalal	<i>Oral Presentation</i>	<i>The 7th Jordanian Pharmaceutical Conference, Jordan Pharmaceutical Association, Amman, Jordan, May 1994</i>
3	<i>The Adsorption of Clomiphene Citrate on</i>	<i>Oral</i>	<i>The AAPS annual meeting, San Diego</i>

- | | | | |
|----|--|------------------------|--|
| | Tablet Disintegrants.
I.M. Jalal*; S. M. Assaf; N.M. Najib
*Presented by I.M. Jalal | Presentation | CA, USA, November 6th -10th, 1994 |
| 4 | Factors Involved in Formulation of Oily Drug Delivery System for Proteins Based on PEG-8 caprylic/capric glycerides and polyglyceryl-6 dioleate in a Mixture of Oleic acid with Chitosan.
Shereen M. Assaf; Nawzat D. Al-Jbour; Ala'a F. Eftaiha; Amani M. Elsayed; Mayyas M. Al-Remawi; Nidal A. Qinna; Babur Chowdhry; Stephen Leharne; Adnan A. Badwan | Poster
Presentation | Nanostructured Advanced Materials Workshop in Amman, Jordan (at the University of Jordan), 5National Science Foundation, Washington DC, November 10th-13th, 2008 |
| 5 | Transdermal Delivery System Based on Jojoba Oil.
Shereen M. Assaf; Bashar M. Al-Taani; Amani Abu Alhayyal | Poster
Presentation | The Skin and Formulation, 3rd Symposium-Skin forum, 10th Annual Meeting, Versailles, France, March 9th-10th, 2009 |
| 6 | Transdermal Delivery of Ketorolac from Microemulsions Based on Jojoba Oil.
Bashar M. Al-Taani*; Shereen M. Assaf; Amani Abu Alhayyal
*Presented by Bashar Al-Taani | Poster
Presentation | The Skin and Formulation, 3rd Symposium-Skin forum, 10th Annual Meeting, Versailles, France, March 9th-10th, 2009 |
| 7 | Mucoadhesive Buccal Delivery System for Nicotine HCl Using Low Molecular Weight Chitosan and Carbopol 971P.
Shereen M. Assaf, Amjad Qandil, Alaa Alqudah | Oral
Presentation | BIT's 7th Annual Symposium of Drug Delivery System, Prague, Czech Republic, July 12th-14th, 2017 |
| 8 | Formulation of Mucoadhesive Buccal Delivery System for Nicotine HCl Using Low Molecular Weight Chitosan and Carbopol 971P.
Shereen M. Assaf, Amjad Qandil, Alaa Alqudah | Oral
Presentation | The First Conference of Faculty of Pharmacy, New Trends in Pharmacy between Science and Industry, Faculty of Pharmacy-Yarmouk University on 22-23 November 2017 |
| 9 | Sustained release formulations for venlafaxine HCl from matrix systems composed of chitosan and Beeswax.
Shereen M. Assaf, Mohammad Fares, Deemah Zghoul | Oral
Presentation | 3 rd World Congress & Expo on Pharmaceutics & Drug Delivery Systems. Theme: Frontier Novelties in Pharmaceutical Industry & Drug Delivery Technology, held on March 19-20, 2018 at London, UK |
| 10 | Jordan pediatric formulation initiative: Pediatric Formulations: What We Can Do? | Workshop | Pharmacy profession in the bicentennial: A future vision conference, held on September 14-16, 2023 at Landmark Hotel Amman Jordan |

OTHER WORKSHOPS

- Attended a workshop entitled (Measurement and Evaluation) held at Jordan University of Science & Technology (JUST), Jordan, 23 – 25 Jan 1993.
- Attended a training program for women leaders and administrative leaders organized by Noor Al Hussein Foundation in collaboration with the Institute of Public Administration, Amman/ Jordan, held at Al-Yarmouk University, Irbid / Jordan, 20 - 24 July 1996.
- Attended a workshop on the Evaluation of Lead Contamination in Human Serum in Jordanians, held at the Royal Scientific Association, Amman/ Jordan, Dec1996.
- Participated in and joined several meetings, workshops and conferences related to environmental pollution and to women health and affair.
- Attended and participated in few workshops organized by Konard Adenauer and Al - Kutba Center that dealt with different roles of women in the society and their human rights.
- Participated in the Implementation and Follow-up to the Program of Actions of the World Summit for Social Development – Chapter 3: Expansion of Productive Employment and reduction of Unemployment, at the Ministry of Social Development (MOSD), Amman/ Jordan.
- Attended an extensive training workshop on the following topics: Debating, Management of Change, Gender Awareness and Equal Opportunities, Family Protection, and Religious Understanding and Respect Workshops, under the European Union MEDA Democracy Program "Towards Democratic Thinking" Jordan University of Science and Technology Project, held at Jordan University of Science & Technology (JUST), 1999.
- Attended a workshop (Communication Skills and Classroom Interaction) held at Jordan University of Science & Technology (JUST), 6 – 8 July 2004.
- Attended a workshop (Quality Management) held at Jordan University of Science & Technology (JUST), 2008.
- Attended a workshop (Statistical Data Analysis using Minitab) held at Jordan University of Science & Technology (JUST), 3 – 10 Aug 2017.
- Attended an online workshop on “Online Learning Design”, which was organized by JUST, 8 – 9 Jan 2018.
- Attended an online workshop on “Raising Students’ Engagement in Remote Learning Environment”: Session A-Student Collaboration in Remote Learning and Session B-Engagement in Synchronous on the 7th of Jan 2021, and Session C-Making Learning Visible and Session D- Adaptive Learning on the 12th of Jan 2021
- Attended several other online workshops on COVID-19, organized by the faculty of Pharmacy at The University of Jordan, 2020 and 2021.
- Attended and participated in the 5th International Conference of the Faculty of Pharmacy: Multidisciplinary Pharmaceutical Research, held on June 7 – 8, 2023 at JUST, Jordan.

COMMUNITY SERVICES AND ACTIVITIES

Statement: I have strong passion for community service and voluntary work. Thus, I been involved in many scientific and other non-scientific activities and events for the community. Some activities are listed below:

- Served as committee member/ consultant of the cosmetics and cosmeceuticals committee for the Jordanian Food and Drug Administration (JFDA, Amman-Jordan) since 2012 until now.
- Independent external assessor for assessing the compliance of the faculty of Pharmacy at Isra University with the standard of the Higher Education Accreditation Commission. The quality certificate was granted for the Faculty.
- Assigned many times by Higher Education Accreditation Commission to visit and evaluate the compliance of local universities with the accreditation system employed. The responsibilities include a field visit to the concerned college. Assigned duties during the last five years include: The

- Faculties of Pharmacy at Yarmouk University (Nov 15th 2018), Irbid, and at Amman Private University (May 23rd 2016), Amman.
- the Participated in a consultant study entitled (Testing the Level of Water Contamination) with Queen Rania Al-Abdulla Centre for Environmental Science and Technology, JUST, Irbid-Jordan, 1999-2000.
 - Preparing and giving a lecture on Ophthalmic Drug Delivery in corporation with the Jordan Pharmaceutical Association, Irbid-Jordan, 1998.
 - Participated in different scientific days organized at different schools in Irbid-Jordan, by giving lectures on Drugs and their proper use and precautions.
 - Participated in different Free Medical Days in Al Shifa' Bent Owf School, Irbid-Jordan.
 - Participated in a Free Medical Day for the north of Jordan, organized by the LEO club, Amman-Jordan.
 - Giving different lectures and workshops on “Stress Management”, “Time Management”, “Assertiveness”, and other skills for university students in corporation with JUST, Irbid-Jordan, since 1999 - 2010.
 - Participated in many of the events and activities organized by the Civil Society Development Centre, JUST, Irbid-Jordan.
 - Prepared and gave a workshop on “Cosmeceuticals” for university students in corporation with JUST, Irbid-Jordan, July-Aug 2006.
 - As a member of the Thalassemia association, Irbid, I have joined and participated in organizing different social activities for the thalassemia patients in Irbid city.
 - I participated in different activities with the Hemophilia patients in Jordan and arranged to provide charity gifts for hospitalized children with cancer during feast.
 - Organizing a workshop to increase the awareness about celiac disease,
 - Acted for many years as a reviewer for local and international journals (such as J Phar Sci and Pharm Dev Tech). Accepted to review more work than usual during the COVID-19 lock down as the reviewers were not easily available.
 - Helped in peer reviewing and evaluating the scientific work and publications submitted for the purpose of promotion for Pharmacy Faculty members inside and outside Jordan. Also acted as reviewer for scientific research proposals submitted to obtain financial support from JUST or from other institutions.
 - Participated in the JPSA Training Workshop, held on 19th and 20th of July 2022, at The University of Jordan. Title of the presented topic is “Proposal Writing (Scientific Writing)”.
 - Organized a workshop entitled “Cosmeceuticals and Cosmetics: From Idea to Implementation”, held at Jordan University of Science and Technology (JUST) on 12/1/2023.