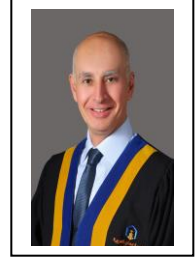


Date 31/3/2024

Adel Samir Ardakani



PERSONAL INFORMATION

Title: Dr.

Academic Rank: Associate professor

Date & Place of Birth: 16/4/1976 Amman

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
BSc.	Medicinal & Pharmaceutical Chemistry	95-98	Loughborough university	UK
PhD	Organic chemistry	98-2002	Loughborough university	UK

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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2018-2023	Associate prof	Applied Science University	Pharmacy	Jordan
2004-2018	Assistant prof	Applied Science University	Pharmacy	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2005 part time	Assistant prof	Jordan university	Pharmacy	Jordan

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
	1. "Pharmacy students' success with organic chemistry reactions of small versus large drug-like molecules" Abu Deiab, Ghina'a; Popova, Maia; Bashatwah, Rasha; Ardakani, Adel ; Aldhirat, Joman; Ayyad, Afnan; Alebraheem, Adeel, <i>The Journal of Chemical Education</i> Accepted, 100 (4), 1426–1433, 2023 .			
	2. "Mechanical properties of starch esters at particle and compact level - Comparisons and exploration of the applicability of Hiestand's equation to predict tablet strength" Nizar Al-Zoubi, Adel Ardakani , Faten Odeh, Nina Sakhnini, Ioannis Partheniadis, Ioannis Nikolakakis. <i>European Journal of Pharmaceutical Sciences</i> Volume 147, 2020 .			
	3. "Medicinal chemistry and the Bachelor of Pharmacy curriculum: Assessing student's perspectives, needs and barriers" Adel Ardakani , Iman A. Basheti. <i>Tropical Journal of Pharmaceutical Research</i> 17 (5), 927-935, 2018 .			
	4. "In Vitro and in Vivo evaluation of Casein as a Drug Carrier for Enzymatically Triggered Dissolution Enhancement from Solid Dispersions" Ahmad Bani-Jaber, Iyad Alshwwabkeh, Samaa Abdullah, Imad Hamdan, Adel Ardakani , Maha Habash, <i>American Association of Pharmaceutical Scientists PharmSciTech</i> . Jul;18(5):1750-1759, 2017 .			
	5. "Sustained release matrix tablets prepared from cospray dried mixtures with starch hydrophobic esters" N. Sakhnini, N. Al-Zoubi, G. H. Al-Obaidi, A. Ardakani , <i>Pharmazie</i> 70: p.177–182, 2015 .			
	6. "Synthesis of A Novel Chitosan-Based Polymer And Application As A Matrix For Controlled Drug Delivery" Ardakani A , Al-Zoubi N, Sakhnini N, Taha MO, <i>Jordan Journal of Pharmaceutical Sciences</i> , Vol 6 (2) p.233-240, 2013 .			
	7. "Tableting Functionality Evaluation of Prosolv Easytab; in Comparison to Physical Mixtures of its Individual Components"; Ahmad Aljaberi, Adel Ardakani , Ayman Khair, Safwan A. Abdel-Rahim, Eman Meqdadi, Manal Ayyash, Ghada M. Alobaidi, Nizar Al-Zoubi, <i>Journal of Drug Delivery Science and Technology</i> , Vol 23 (5) p.499-504, 2013 .			
	8. "Sodium Lauryl Sulfate Impedes Drug Release From Zinc-Crosslinked Alginate Beads: Switching From Enteric Coating", Mutasem O. Taha, Wissam Nasser, Adel Ardakani , Hatim S. AlKhateeb, <i>International Journal of Pharmaceutics</i> , Release Into Biphasic Profiles 350 (1), p.291-300, Feb 2008 .			
	9. "Organocatalysis of Asymmetric Epoxidation Mediated by Iminium Salts under Nonaqueous Conditions"; Philip C. Bulman Page, David Barros, Benjamin R. Buckley, Adel Ardakani , and Brian A. Marples, <i>J. Org. Chem.</i> , 69, 3595-3597, 2004 .			
	10. "New Organocatalysts for the Asymmetric Catalytic Epoxidation of Alkenes Mediated by Chiral Iminium Salts"; Philip C. Bulman Page, Gerasimos A. Rassias, David Barros, Adel Ardakani , Donald Bethell, Eric Merifield, <i>Synlett.</i> , 4, 580-582, 2002 .			
	11. "Functionalized Iminium Salt Systems for Catalytic Asymmetric Epoxidation"; Philip C. Bulman Page, Gerasimos A. Rassias, David Barros, Adel Ardakani , Benjamin Buckley, Donald Bethell, Timothy A. D. Smith, Alexandra M. Z. Slawin, <i>J. Org. Chem.</i> , 66, 6926-6931, 2001 .			

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CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
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BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

Quality Assurance committee

Safety committee

WORKSHOPS ATTENDED

- Completed 1-hour workshop in SciFinder-n Database held by ASU library on October 28th **2021**.
- Completed 5 hours in “Instructional Design for ELearning” October 4th **2021** by Udemy.
- Completed 24 hours in model educational platform for higher education 3/8-1/9/**2021**.
- Completed 16 hours in “Advanced Strategic Excellence Creative Leadership & Building Creative Teamwork” January 26-27th **2020**.
- Completed one day “Preparing Pharmacy Students for the Future-Science, Practice and Professional Development” Held by Prof. Duncan Craig UCL, UK at ASU January 5th **2019**.
- Completed one-day workshop in “Interactive Learning” at ASU December 20th **2018**.
- Completed two day workshop in “Effective Management and Leadership Styles” July 1-3rd **2018**.
- Completed 15 hours in “ISO 9001:2015” September 23-28th **2018**.
- ASU Pharmacy “Recent Trends in Research about COVID-19 Pandemic - 2021 / ASU-Pharmacy Fifth International conference” 12-13, September, **2021**.
- ASU Pharmacy “Recent trends in Postgraduate Research” 1st Conf. 20-21 December **2014**, 2nd Conf. 5-6 December **2015**, 3rd Conf. 15-16 April **2017** and 4th Conf. 5-6 January **2019**.
- Attended The 1st International Conference of the Jordanian Faculties of Pharmacy conference at Al Isra University 28-29th October **2015**.
- ASU Academic Staff Statistical Package for Social Sciences “SPSS” Training Course; Held at the University campus 19th - 23rd February **2006**.
- ASU Academic Staff Examination and Evaluation Training Course; Held at the University campus 17th – 21st September **2006**.
- FOSS NIR Systems Seminar held by The Technical Arab Company “Near Infrared Spectroscopy and Applications in Pharmaceutical Industry” 16th June **2005**.

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- ASU Academic Staff Training Course; Held at the University campus 26th - 30th September **2004**.
- “The Royal Society of Chemistry Perkin Division-Loughborough University 21st East Midlands Regional Meeting”, University of Loughborough, 31st of May **2000**.
- “VII RSC-SCI Joint Meeting on Heterocyclic Chemistry”, Folgaria, Italy, 3rd – 7th of May **2000**.
- “Redox 2000”, SCI Fine Chemical Group, Scientific Societies Lecture Theatre, London, 12th of April **2000**. “AstraZeneca R&D Charnwood & Loughborough University Organic Synthesis Symposium”, University of Loughborough, 24th of November **1999**.
- “International Symposium on Chirality”, Cambridge, UK, 5th – 7th of September **1999**.
- “Lancaster Synthesis-Loughborough University Organic Symposium”, University of Loughborough, 12th of May **1999**.
- “The Double Bond in Organic Synthesis”, SCI Fine Chemical Group, Scientific Societies Lecture Theatre, London, 20th of April **1999**.
- “The East Midlands Meeting RSC Perkin Division”, University of Leicester, 14th of April **1999**.
- “Astra-Loughborough Organic Synthesis Symposium”, University of Loughborough, 11th of Nov **1998**.

WORKSHOPS OFFERED

- ASU Presented a workshop on ACPE accreditation May 23, **2021**.
- ASU Presented Laboratory Safety lecture for Pharmacy teaching assistants Feb **2009**, Dec **2018** and Oct **2019**.
- Poster presentation entitled: “Sodium lauryl sulfate impedes drug release from zinc-crosslinked alginate beads: switching from enteric coating release into biphasic profiles” at the 26th annual Arab Pharmacist Unions Meeting in Jordan held on 10-12th April **2008**
- “East Midlands Perkin Division Meeting”, University of Nottingham, 20th of November **2001**, presented a poster titled “A New System of Catalytic Asymmetric Epoxidation”.
- “AstraZeneca Synthetic Chemistry CASE Conference **2001**” University of Warwick, 10th – 11th of September **2001**, presented a talk on “A New System of Catalytic Asymmetric Epoxidation”.
- “The Royal Society of Chemistry Perkin Division Heterocyclic Group 16th Postgraduate Symposia”, University of York, 16th of July **2001**, presented a talk on “A New System of Catalytic Asymmetric Epoxidation”.
- “15th Lakeland Heterocyclic Symposium”, Grasmere, UK, 10th – 14th of May **2001**, presented a poster titled “A New System of Catalytic Asymmetric Epoxidation”.
- “Mini-Symposium: Catalysis 2001” University of Leicester, 30th of April **2001**.
- SCI Fine Chemical Group Regional Graduate Symposia “Novel Organic Chemistry”, University of Leeds, 28th of March **2001**, presented a talk on “A New System of Catalytic Asymmetric Epoxidation”.

RESEARCH INTERESTS

Chemistry based education

Chemical modification of drugs for pharmaceutical uses

LANGUAGES

Arabic & English

OTHER COMMUNITY ACTIVITIES

Gave a Talk at “ENGx” event at ASU on 5th of April 2017 at the conference palace.

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES

DR. FERAS DARWISH EL HAJJI

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