

CURRICULUM VITAE

Nisrein Mohammad Jaber

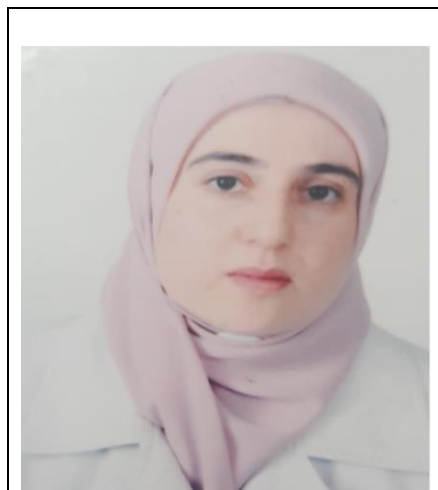
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1. Personal Data

Nationality: Jordanian

2. Education

- Ph.D. (pharmaceutical Sciences) 2020, University of Jordan, Amman, Jordan.
- M.Sc. (pharmaceutical Sciences) 2002, University of Jordan, Amman, Jordan.
- B.Sc. (Pharmacy) 1999, University of Jordan, Amman, Jordan.

3. Ph.D. Dissertation

- *Oral ferrous sulfate encapsulated within Amphiphilic chitosan nanostructure for iron deficiency anemia treatment.* University of Jordan, Amman, Jordan.

4. Employment

Academic Positions

- Assistant Professor, Pharmacy Department, Al-Zaytoonah University of Jordan, Amman, Jordan.
September 19th 2021- now.
- Assistant Professor, Pharmaceutics and Technology Department, Al ahliyya Amman University, Amman, Jordan.
September 16th 2020- September 15th 2021
- Lecturer, Faculty of Pharmacy, Taif University/Saudi Arabia
2010-2015



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- Teaching assistant, Faculty of Pharmacy/ University of Jordan/ Jordan
1999-2000

Administrative Positions

- NA

5. Research Interests

- Pharmaceutics and pharmaceutical sciences
- Drug delivery systems
- Pharmaceutical nanotechnology
- Chemical synthesis and analysis

6. Membership in Scientific Societies and Associations

- Jordan Pharmaceutical Association

7. Honors and Awards

- Phospholipid Best Paper Award from American's Oil Chemist Society (AOCS), 2017.
- Appreciation certificate from the JFDA for the quick and perfect performance of the job in-charged, 2009.
- Appreciation certificate from Taif University for participation in the fourth scientific conference for students of the university.

8. Fellowships and Scholarships

- NA

9. Teaching Experience

- *Graduate Courses*

NA

- *Undergraduate Courses*

Pharmaceutics I
Pharmaceutics II
Biopharmaceutics and Pharmacokinetics
Industrial Pharmacy
Pharmaceutical Technology
Introduction to Pharmacy Practice
Introduction to communication skills
Basics of Pharmacy Management
Quality Control



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Pharmaceutical Technology Lab.
 Professional Pharmacy Practice II Lab.
 Pharmaceutical Biochemistry Lab.
 Pharmaceutical Microbiology Lab.

10. Supervision of Graduate Research

NA

11. Grants

NA

12. Patents

NA

13. Membership of Committees

- **National and International**
 - Member of generic drugs registration committee /JFDA/Jordan
 - Member of bioequivalence committee /JFDA/Jordan
 - Member of re-registration of registered drugs committee /JFDA/Jordan
- **University**
 - Member of Accreditation Committee (2021-2022)/ Al Zaytoonah university of Jordan.
 - Member of Pharmaceutical Practice Committee (2021-2022)/ Al Zaytoonah university of Jordan.
 - Member of Local Accreditation Committee (2020-2021) / Al ahliyya Amman University, Amman, Jordan.
 - Member of Alumni Follow-up Committee (2020-2021) / Al ahliyya Amman University, Amman, Jordan.
 - Membership of the laboratory and instruments committee at the faculty of pharmacy-Taif University, Saudi Arabia 2011-2012.
 - Membership of the Student support committee at the faculty of pharmacy-Taif University, Saudi Arabia 2011-2012.
 - Membership of the academic guidance committee at the faculty of pharmacy-



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Taif University, Saudi Arabia 2011-2014.

- Membership of Resource Development Committee of Foreign Affairs and External Cooperation at the faculty of pharmacy-Taif University, Saudi Arabia 2012-2015
- Membership of Community Service Committee and Public Relations at the faculty of pharmacy-Taif University, Saudi Arabia 2012-2014.
- Membership of advisory Committee for curriculum development and student assessment systems and follow-up of graduates at the faculty of pharmacy-Taif University, Saudi Arabia 2012-2015.
- Membership of performance follow-up unit and quality assurance at the faculty of pharmacy-Taif University, Saudi Arabia 2012-2015.
- Membership of Scientific Library Committee at the faculty of pharmacy-Taif University, Saudi Arabia 2012-2013.

14. Professional and Scientific Meetings

Scientific Meetings Organized

NA

Participation in Scientific meetings

Poster and speaker

1- World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology
Lisbon, Portugal, 31 March to 3 April 2014.

A presentation with the title:

An injectable chitosan coated submicronized particles for insulin sustained release delivery

Mayyas Al-Remawi; Ibrahim Maghrabi; Amrni Elsayed; Mohammad Hamaidi; Nisrein Jaber.

2- The First Regional Scientific Conference on Traditional Arab and Islamic Medicine, in cooperation with 4th colloquium "Health Environment and Natural Products",

A presentation with the title:



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Method of analysis of a tablet preparation that combines five active ingredients developed for the treatment of impotency, 8-9\8\2007, Jordan.

Attendance

- 1- The second international clinical pharmacy conference opportunities and challenges, University of Jordan, April 21-22 1999, Jordan.
- 2- Skin care workshop, JPA ,12-9-2003, Jordan
- 3- Pharmacovigilance concept, Jordan food and drug administration 10\6\2007, Jordan
- 4- Technical and regulatory challenges of validation, PPS, 24-25\7\2007, Jordan.
- 5- Radiopharmaceutical rules and registration procedures, JFDA and Turkish MOH, , 28-29\10\2007 Jordan,
- 6- Worldwide regulations for biosimilar products workshop, Ferring, 15\12\2007, Jordan.
- 7- The Second conference of Bioequivalence, JAPM and US agency for international development, July 14 and 15, 2009, Jordan.
- 8- The fifth USP annual science meeting, JAPM, 15-16\11\2009, Jordan.
- 9- The ethics, research and clinical applications of stem cells research, Taif University, 3\1\2012,Saudi Arabia.
- 10- International Conference on materials science and its applications, Taif University, 13-15\2\2012, Saudi Arabia.
- 11- Fourth laboratory and blood bank awareness day, King abdel-Aziz Specialist Hospital, 21\2\2012, Saudi Arabia.
- 12- Scientific Forum for male and female students of Taif University - 28-29-2012 - Saudi Arabia.
- 13- How to design and interpret a medical survey, Taif University, 6th of November 2012, Saudi Arabia.
- 14- Developing Research abilities: Idea Formulation and Research Management, King Abdulaziz City For Science and Technology, 21st of November 2012-Saudi Arabia.
- 15- Atomic Force Microscopy-Tribology and Mechanical Testing-Surface Profilometry, Movenpick , Jeddah,4th of December 2012-Saudi Arabia.



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- 16- Fifth laboratory and blood bank awareness day, King abdel-Aziz Specialist Hospital, 18\3\2013, Saudi Arabia.
- 17- The Second Annual Scientific Day of the Physical Therapy Department, Taif University, 21-22-April 2013, Saudi Arabia.
- 18- Scientific Forum for male and female students of Taif University – 3-2-2013 - Saudi Arabia.
- 19- Recent Advances in CNS Acting Drugs symposium, Taif University, 8\5\2014, Saudi Arabia.
- 20- A promise is a promise time for action to end violence against women, Taif University, 10-11\March\2014, Saudi Arabia.
- 21- ورشة عمل بعنوان الارشاد الأكاديمي والتدريب على المنظومة الجامعية المنعقدة في جامعة الطائف يوم الخميس الموافق 12\5\1435هـ السعودية.
- 22- First international congress of food and drug administration. Pharmaceutical Sector opportunities and future vision. JFDA Jordan 27-28 Oct. 2016, Jordan
- 23- ASU Pharmacy third conference recent trends in postgraduate research. ASU 1-16 April 2017, Jordan.
- 24- Workshop on accelerated access. Biosimilars and Pharmacovigilance. ROCHE Ltd 20-4-2017, Jordan.
- 25- Second Jordan JFDA International Congress, Pharma industry and clinical trials growth and innovation 10-11 March 2018, Jordan.
- 26- Scientific and Regulatory Assessment of Generic Registration Dossiers: the Most Recent Updates Workshop 4th April 2018, Jordan.
- 27- Avoid BE Deficiencies Workshop, 24th April 2018, Jordan.
- 28- The third Symposium on Harmonization of Bioequivalence Requirements, 2-3 May 2018, Jordan.
- 29- The Expert Workshop on Biologic Products, 7th July 2018, Jordan.
- 30- A webinar held by Springer Nature under the title of Step by step guide on how to prepare a successful paper, Nov 28th 2020.
- 31- A webinar held by Springer Nature under the title of How to easily navigate through Springer Nature Platform, Mar 8th 2021.
- 32- The blended congress of the school of pharmacy 2021 conference, Apr. 2021. The University of Jordan.



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Training Courses

- 33- Training program in advances in contraceptive technology, CMS, November 2001, Amman- Jordan.
- 34- Clinical Investigation Training Program (CITP), Jordan Food and Drug Administration, 8-9\5\2010, Jordan.
- 35- Two-dimensional design training course, Taif University, 12-29\2\2012, Saudi Arabia.
- 36- Statistical Package for Social Sciences (SPSS) training course, Taif University, 4-18 December 2012, Saudi Arabia.
- 37- Development of Leadership and Innovation skills, 3-5/10/2022, ZUJ, Jordan.

15. Participation in organization of curricular and/or extra-curricular activities

NA

16. Publications

- 1- **Elsayed, A.**, Al-Remawi, M., Maghrabi, I., Hamaidi, M., & **Jaber, N.**. Development of insulin loaded mesoporous silica injectable particles layered by chitosan as a controlled release delivery system. International journal of pharmaceutics, 461(1) (2014), 448-458.
- 2- **Al-Remawi, M.**, Maghrabi, I., Elsayed, A., Hamaidi, M., & **Jaber, N.**. Oral delivery of insulin using a lipoamino acid nanocarrier system. Die Pharmazie-An International Journal of Pharmaceutical Sciences, 69(9) (2014), 669-675.
- 3- **Al-Remawi, M.**, Elsayed, A., Maghrabi, I., Hamaidi, M., & **Jaber, N.**. Chitosan/lecithin liposomal nanovesicles as an oral insulin delivery system. Pharmaceutical development and technology, 22(3) (2017), 390-398.
- 4- **Hamaidi, M.**, **Jaber, N.**, Al-Remawi, M., Elsayed, A., & Maghrabi, I. A novel pharmaceutical excipient: Coprecipitation of calcium and magnesium silicate using brine-seawater in date palm cellulose as an absorbing host. Journal of Excipients and Food Chemicals, 8(3) (2017).
- 5- **Maghrabi, I.**, Elsayed, A., Al-Remawi, M., Hamaidi, M. and **Jaber, N.** . Evaluation of calcium magnesium silicate-date palm cellulose as a potential tablet excipient. Journal of Excipients and Food Chemicals (2018) pp.106-115.
- 6- **Alsamydai, A.** and **Jaber, N.**. Pharmacological aspects of curcumin. IJP, 5(6) (2018), 313-326



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7- **Jaber, N.**, & Aiedeh, K. Sorption behavior and release kinetics of iron (II) ions by oleoyl chitosan polymeric nanoparticles. *Journal of Drug Delivery Science and Technology*, 101354 (2019).

8- **Jaber, N.**, Al-Remawi, M., Qatouseh, L.A., Ahmad, M. and Aiedeh, K. Synthesis, characterization and evaluation of oleoyl-chitosan derivatives as enhancers for ferrous ions nano-delivery using Caco-2 cell model. *Journal of Drug Delivery Science and Technology*, (2020), p.101761.

9- **Al-Akayleh, F., Jaber, N., & Al-Remawi, M. (2020)**. Designing, Preparation, and Evaluation of Orodispersible Chitosan Anionic Salt Tablets. *Journal of Pharmaceutical Innovation*, 1-13.

10- **Jaber, N.**, Al-Akayleh, F., Abdel-Rahem, R. A., & Al-Remawi, M. Characterization ex vivo skin permeation and pharmacological studies of ibuprofen lysinate-chitosan-gold nanoparticles. *Journal of Drug Delivery Science and Technology*, 62 (2021), 102399.

11- **Jaber, N.**, Al-Remawi, M., Al-Akayleh, F., Al-Muhtaseb, N., Al-Adham, I. S., & Collier, P. J. A review of the antiviral activity of Chitosan, including patented applications, and its potential use against COVID-19. *Journal of Applied Microbiology* (2021).

12- **Al-Adham, I. S., Jaber, N.**, Al-Remawi, M., Al-Akayleh, F., Al-Kaissi, E., Ali Agha, A. S., ... & Collier, P. J. A review of the antimicrobial activity of thermodynamically stable microemulsions. *Letters in Applied Microbiology* (2021).

13- **Ali, A. S.**, Hajleh, M. N. A., Akour, A., Shalan, N., **Jaber, N.**, Al-Halaseh, L. K., & Alzweiri, M. (2021). Investigation into the prophylactic and therapeutic activity of coenzyme Q10 against COVID-19. *Tropical Journal of Pharmaceutical Research*, 20(11), 2387-2393.

14- **Al-Akayleh, F.**, Khalid, R. M., Hawash, D., Al-Kaissi, E., Al-Adham, I. S., Al-Muhtaseb, N., Jaber & Collier, P. J. (2022). Antimicrobial potential of natural deep eutectic solvents. *Letters in Applied Microbiology*.

15- **Al-Akayleh, F., Jaber, N.**, Al-Remawi, M., Al Odwan, G., & Qinna, N. (2022). Chitosan-biotin topical film: Preparation and evaluation of burn wound healing activity. *Pharmaceutical Development and Technology*, (just-accepted), 1-32.

16- **Al-Remawi, M., Jaber, N.**, Elsayed, A., Alsafadi, D., & Salah, K. A. (2022). Stabilization of insulin using low molecular weight chitosan carbonate nanocarrier. *Carbohydrate Polymers*, 291, 119579.



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