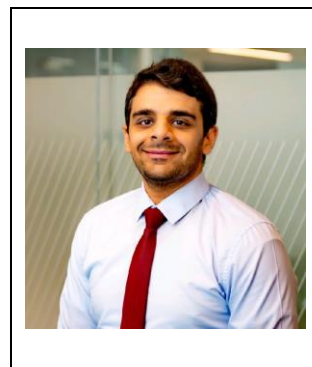


CURRICULUM VITAE

Ahmad Zuhier Mohammad Bahlool

*Department of pharmacy/Faculty of pharmacy,
Al-Zaytoonah University of Jordan, Amman, Jordan
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1. Personal Data

Date of Birth: 08/05/1993
Nationality: Jordanian

2. Education

- Ph.D. (Pharmaceutics and translational nanomedicine) 2023, Royal College of Surgeons in Ireland, Dublin, Ireland
- M.Sc. (Erasmus Mundus Joint master's degree in Nanomedicine for Drug Delivery) 2019, Jointly between:
University of Paris, Paris, France.
University of Angers, Angers, France.
University of Pavia, Pavia, Italy.
University of Patras, Patras, Greece.
- B.Sc. (Pharmacy) 2016, The University of Jordan, Amman, Jordan

3. Ph.D. Dissertation

Inhalable retinoic acid-loaded nanoparticles as host-directed immunotherapy for tuberculosis, Royal College of Surgeons in Ireland, Dublin, Ireland.

4. Employment

Academic Positions

- Assistant Professor, Department of pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan. September 23, 2023 – now



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Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- Lab demonstrator, School of pharmacy and biomolecular sciences, Royal College of Surgeons in Ireland, Dublin, Ireland. September 01, 2021 – June 01, 2023
- Teaching assistant, Department of pharmaceutical technology, The University of Jordan, Amman, Jordan. February 06, 2016 – July 19, 2017

5. Research Interests

Nanomedicine, Drug delivery, mRNA based therapy, therapeutic aerosol bioengineering, Lipidic nanoparticles, Targeted therapies.

6. Membership in Scientific Societies and Associations

- Member of the Jordanian pharmacists association
- Member of the UK-Ireland local chapter of the controlled release society

7. Honors and Awards

- Best oral presentation (thesis in three) at the annual meeting of the school of pharmacy and biomolecular sciences Christmas symposium

8. Fellowships and Scholarships

- UK-aerosol society Drug delivery to the lung (DDL) career development grant
- Strategic academic recruitment (StAR) PhD scholarship from the Royal College of surgeons in Ireland
- Erasmus mundus joint master's degree scholarship by the European commission
- Undergraduate level scholarship by the ministry of education.

9. Teaching Experience

- *Undergraduate Courses*

Industrial pharmacy
Pharmaceutics 2
Pharmaceutics lab
Analytical chemistry lab
Phytochemical analysis lab



10. Grants

1. Development of inhalable retinoic acid loaded nanoparticles as host-directed immunotherapy for tuberculosis, 2022, UK-Aerosol Society.
2. Development of inhalable drug-loaded nanoparticles as host directed therapy for tuberculosis, 2019, Royal College of Surgeons in Ireland. 30,000 euros.

11. Membership of Committees

1. Seminars and conferences committee. Faculty of Pharmacy, University of Jordan
2. Scientific research committee. Faculty of Pharmacy, Al-Zaytoonah University of Jordan

12. Professional and Scientific Meetings

Oral presentations:

1. Development of Inhalable Retinoic Acid-Loaded Nanoparticles as Targeted Host Directed Immunotherapy for Tuberculosis. United Kingdom and Ireland controlled release society local chapter (UKICRS) – Manchester June 2022
2. Development of Inhalable Retinoic Acid-Loaded Nanoparticles as Targeted Host Directed Immunotherapy for Tuberculosis. RCSI research day - March 2022
3. Development of inhalable Retinoic acid-loaded polymeric nanoparticles as targeted host directed immunotherapy for *Mycobacterium tuberculosis*. European foundation of clinical nanomedicine (CLINAM) – May 2022. (Flash talk)
4. Development of Inhalable Retinoic Acid-Loaded Nanoparticles as Targeted Host Directed Immunotherapy for Tuberculosis. 4th NANOMED EMJMD workshop, Angers, France July 2021
5. Development of inhalable retinoic acid loaded nanoparticles as targeted host directed therapy for Tuberculosis. Controlled release society (CRS) July 2021 (Flash talk)
6. Development of *All trans retinoic acid (ATRA)* loaded nanoparticles as targeted host directed therapy for *Mycobacterium tuberculosis (Mtb)*. CRS German, BeNeLux and France local chapter meeting – March 2021 (Flash talk)



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

1. Co-Founder and Board member of the Pharmacy Students Research Club (PSRC), Faculty of Pharmacy, The University of Jordan. Responsible for: Planning for workshops and events, following up undergraduate research assistants and fundraising.
2. Leading and organizing many outreach health care campaigns, scientific training workshops and community development initiatives targeting high school students, College students and remote countryside areas
3. Student's representative in Seminars and Conferences Committee, Faculty of Pharmacy, The University of Jordan. Responsible for organizing and planning conferences, scientific days and scientific seminars.

14. Publications

1. Development of Inhalable ATRA-Loaded PLGA Nanoparticles as Host-Directed Immunotherapy against Tuberculosis. Pharmaceutics 2022, **Bahloul AZ**, Fattah S, O'Sullivan A, Cavanagh B, MacLoughlin R, Keane J, O'Sullivan MP, Cryan S-A
2. All trans retinoic acid as a host-directed immunotherapy for tuberculosis. Current Research in Immunology 2022. **Bahloul AZ**, Grant C, Cryan S-A, Keane J, O'Sullivan MP
3. An Automated Culture System for Use in Preclinical Testing of Host-Directed Therapies for Tuberculosis. JoVE (Journal Vis Exp 2021). O'leary S, **Bahloul AZ**, O'connor G, Cryan SA, Keane JM, O'sullivan MP.
4. Synergistic antibacterial activity of silver nanoparticles and hydrogen peroxide. PLOS ONE 2019. Mahmoud Y. Alkawareek, **Ahmad Bahloul**, Samer R. Abulateefeh, Alaaldin M. Alkilany