

Mohammed Y. Alyahya, MBA, MSc, Ph.D., CHSCM

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DEGREES

Ph.D. in Pharmaceutical Sciences	2020 - 2022 School of Pharmacy University of Mississippi Oxford, MS, United States of America
M.Sc. in Pharmaceutical Sciences	2018 - 2020 School of Pharmacy University of Mississippi Oxford, MS, United States of America
MBA	2016 - 2018 College of Administrative and Financial Sciences Saudi Electronic University Riyadh, Kingdom of Saudi Arabia
B.Sc. in Pharmaceutical Science	2008 - 2013 College of Pharmacy King Saud University Riyadh, Kingdom of Saudi Arabia

PROFESSIONAL EXPERIENCE

Head of Research Logistics Support Unite	2023 - Present Department of Pharmaceutics College of Pharmacy King Saud University Riyadh, Kingdom of Saudi Arabia
Assistant Professor of Pharmaceutics	2022 - Present Department of Pharmaceutics College of Pharmacy King Saud University Riyadh, Kingdom of Saudi Arabia
Teaching Assistant	2017 - 2022 Department of Pharmaceutics College of Pharmacy King Saud University Riyadh, Kingdom of Saudi Arabia
Pharmaceutical Products Quality Assessor	2013 - 2017 Saudi Food and Drug Administration Riyadh, Kingdom of Saudi Arabia

PROFESSIONAL CERTIFICATION, TRAINING, AND WORKSHOPS

Certified Healthcare Supply Chain Manager (CHSCM)	May 2024 International Supply Chain Education Alliance (ISCEA) Beachwood, OH, USA
Mergers & Acquisitions	Oct 2023 – Jan 2024 Imperial College, Business School (Executive Education) London, United Kingdom
Project Management	August 2017 EMpower Management Solutions Ltd. Co. Riyadh, Kingdom of Saudi Arabia
Drug Products Stability and shelf-life	September 2015 The Centre for Professional Advancement (CfPA) Barcelona, Spain
Industrial Quality Control (Field training)	Feb 2015- March 2015 Jazeera Pharmaceutical Industries Riyadh, Kingdom of Saudi Arabia
Understanding and Reviewing the Common Technical Document	January 2014 Pharmaceutical Training International Informa Connect Saudi Arabia Ltd. Riyadh, Kingdom of Saudi Arabia
Pharmaceuticals Marketing (Field training)	May 2011 Eli Lilly and Company Riyadh, Kingdom of Saudi Arabia.

COMMITTEE MEMBERSHIPS

- Steering Committee for Pharmaceuticals Masters' Program. (2022 – Present)
- Departmental Committee of Laboratories Supplies. (2022 – Present)
- Central laboratory Offers reviewing committee for highly sensitive machinery (2023 – Present).
- Departmental Supervisory Committee of Teaching Assistants affairs (2023 - Present)
- Steering committee for Research Strategies and Projects (2023 - Present)
- IRB Task Force for RDIA Projects (2023 – Present)

ORGANIZATIONAL MEMBERSHIPS

- The International Society for Pharmaceutical Engineering (ISPE)
- The American Association of Pharmaceutical Scientists (AAPS)
- The International Pharmaceutical Federation (FIP)
- Saudi Pharmaceutical Society (SPS)

PUBLICATIONS

- Elzayat, E., Sherif, A., Shahba, A., Kazi, M., **Alyahya, M.** & Darwish, H. (2024). Development and validation of a stability indicating UPLC-DAD method coupled with MS-TQD for ramipril and thymoquinone in bioactive SNEDDS with *in silico* toxicity analysis of ramipril degradation products. *Open Chemistry*, 22(1), 20240070. <https://doi.org/10.1515/chem-2024-0070>
- Alzhrani, R., **Alyahya, M.**, Algahtani, M., Fitaihi, R., & Tawfik, E. (2024). Trend of pharmaceuticals 3D printing in the Middle East and North Africa (MENA) region: An overview, regulatory perspective and future outlook. *Saudi Pharmaceutical Journal*, 32, 102098. <https://doi.org/10.1016/j.jsps.2024.102098>
- Almutairi, M., Hefnawy, A., Almotairy, A., Alobaida, A., **Alyahya, M.**, Althobaiti, A., Adel Ali Youssef, A., Elkanayati, R. M., Ashour, E. A., Smyth, H. D. C., & Repka, M. A. (2024). Formulation and evaluation of inhaled Sildenafil-loaded PLGA microparticles for treatment of pulmonary arterial hypertension (PAH): A novel high drug loaded formulation and scalable process via hot melt extrusion technology (Part I). *International journal of pharmaceuticals*, 655, 124044. <https://doi.org/10.1016/j.ijpharm.2024.124044>
- Almotairy, A., Almutairi, M., Althobaiti, A., **Alyahya, M.**, Sarabu, S., Zhang, F., Bandari, S., Ashour, E. A., & Repka, M. A. (2023). Investigation of hot melt extrusion process parameters on solubility and tabletability of atorvastatin calcium in presence of Neusilin® US2. *Journal of Drug Delivery Science and Technology*, 79, 104075. <https://doi.org/10.1016/j.jddst.2022.104075>
- Almotairy, A., **Alyahya, M.**, Althobaiti, A., Almutairi, M., Bandari, S., Ashour, E. A., & Repka, M. A. (2023). Disulfiram 3D printed film produced via hot-melt extrusion techniques as a potential anticervical cancer candidate. *International journal of pharmaceuticals*, 635, 122709. <https://doi.org/10.1016/j.ijpharm.2023.122709>
- Althobaiti, A. A., Ashour, E. A., Almotairy, A., Almutairi, M., **Alyahya, M.**, & Repka, M. A. (2023). Development and Characterization of Different Dosage Forms of Nifedipine/Indomethacin Fixed-Dose Combinations. *Journal of drug delivery science and technology*, 80, 104117. <https://doi.org/10.1016/j.jddst.2022.104117>
- Althobaiti, A., Ashour, E. A., Almutairi, M., Almotairy, A., **Alyahya, M.**, & Repka, M. (2022). Formulation development of curcumin-piperine solid dispersion via hot-melt extrusion. *Journal of Drug Delivery Science and Technology*, 76, 103753. <https://doi.org/10.1016/j.jddst.2022.103753>
- Omari, S. H., Ashour, E. A., Elkanayati, R. M., **Alyahya, M.**, Almutairi, M., & Repka, M. X. (2022). Formulation development of loratadine immediate- release tablets using hot-melt extrusion and 3D printing technology. *Journal of*

Drug Delivery Science and Technology, 74, 103505.

<https://doi.org/10.1016/j.jddst.2022.103505>

- Almotairy, A., Almutairi, M., Althobaiti, A., **Alyahya, M.**, Sarabu, S., Alzahrani, A., Zhang, F., Bandari, S., & Repka, M. A. (2021). Effect of pH Modifiers on the Solubility, Dissolution Rate, and Stability of Telmisartan Solid Dispersions Produced by Hot-melt Extrusion Technology. *Journal of drug delivery science and technology*, 65, 102674.
<https://doi.org/10.1016/j.jddst.2021.102674>

Theses and Dissertation

Alyahya, Mohammed Yahya, "Preparation and Characterization of 3D Printed Bioadhesive Delivery Systems" (2022). Electronic Theses and Dissertations. 2351.

<https://egrove.olemiss.edu/etd/2351>

Alyahya, Mohammed Yahya, "Lidocaine Mucoadhesive Film Fabrication Using Fused Deposition Modeling 3D Printing" (2020). Electronic Theses and Dissertations. 1827. <https://egrove.olemiss.edu/etd/1827>

Alyahya, Mohammed Yahya, "An Empirical Study of The Commonly Implemented Quality Management System in The Organizations Operating In Saudi Arabia" (2018). Saudi Electronic University Repository.

Updated Aug 12th, 2024