

Curriculum Vitae

Ahlam Zaid Alkilani

Personal Information

Date of birth: 14 May 1984.
Place of birth: Zarqa, Jordan
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Education

2011-2013 Ph.D., Drug delivery and pharmaceutical technology, Queens University of Belfast, UK.

2007-2009 MSc, Pharmaceutical Analysis, with an aggregate average of 3.71 (Excellent), Jordan University, Amman, Jordan

2006 Permission to Practice Pharmacy, Amman, Jordan

2002-2006 B.Sc. in Pharmacy with an aggregate average of 3.69 (Excellent), Jordan University, Amman, Jordan.

2001-2002 Secondary School Certificate with an average of 95.2% (Excellent), Scientific branch, Qater Alnda Secondary School, Jordan.

Training and Working Experience

Sep 2015- current Deputy Dean in Faculty of pharmacy/ Zarqa university

Sep 2014- current Head of the Department of the Pharmaceutical science and Pharmaceutics in faculty of pharmacy/ Zarqa university

Nov 2013-current Assistant Professor, Department of Pharmacy, Faculty of Pharmacy, Zarqa University, Zarqa, Jordan.

- 2010-2013 Ph.D. candidate, Department of Pharmacy, Queen's University of Belfast, Belfast, UK
- 2009-2010 Teaching assistant at the faculty of Pharmacy, Zarqa University, Zarqa, Jordan.
- 2007-2009 MSc. candidate, department of pharmaceutical science, University of Jordan, Amman, Jordan.
- 2006-2009 Teaching assistant at the faculty of Pharmacy, University of Jordan, Amman, Jordan.

Presentations in International conferences

Zaidalkilani, A., Thakur, T.R.R., and Donnelly, R.F., (2013). Hydrogel microneedle array assisted iontophoretic transdermal delivery of a model protein Proceedings of the 2013 UKICRS Symposium, Belfast. UK

Zaidalkilani, A., Thakur, T.R.R., and Donnelly, R.F., (2012). Optical Coherence Tomographic characterization of skin insertion of polymeric microneedle loaded with ovalbumin. *Proceedings of the 2nd International Conference on Microneedles*, Cork, Ireland.

Zaidalkilani, A., Thakur, T.R.R., and Donnelly, R. F., (2012). Physical and Electrical Characterization of Films Intended For Use in Electrically Assisted Transdermal Drug Delivery. *Proceedings of the UKPharmSci Conference*, Nottingham. UK

Zaidalkilani, A., Thakur, T.R.R., and Donnelly, R. F., (2014). Influence of polymer concentration, crosslinker molecular weight and swelling conditions upon the diffusion parameter of polyethylene glycol – crosslinked poly (methyl vinyl ether-co-maleic acid) films intended for transdermal applications. *Stratum Corneum VIII Conference*, Cardiff .UK

JOURNAL PUBLICATIONS

1. Donnelly, R. F., Singh, T. R. R., **Alkilani**, A. Z., McCrudden, M. T., O'Neill, S., O'Mahony, C., ... & Woolfson, A. D. (2013). Hydrogel-forming microneedle arrays exhibit antimicrobial properties: Potential for enhanced patient safety. *International journal of pharmaceutics*, 451(1), 76-91.
2. McCrudden, M. T., **Alkilani**, A. Z., McCrudden, C. M., McAlister, E., McCarthy, H. O., Woolfson, A. D., & Donnelly, R. F. (2014). Design and physicochemical characterization of novel dissolving polymeric microneedle arrays for transdermal delivery of high dose, low molecular weight drugs. *Journal of Controlled Release*, 180, 71-80.
3. Donnelly, R. F., Moffatt, K., **Alkilani**, A. Z., Vicente-Pérez, E. M., Barry, J., McCrudden, M. T., & Woolfson, A. D. (2014). Hydrogel-forming microneedle arrays can be effectively inserted in skin by self-application: A pilot study centred on pharmacist intervention and a patient information leaflet. *Pharmaceutical research*, 31(8), 1989-1999.
4. Donnelly, R. F., Morrow, D. I., McCrudden, M. T., **Alkilani**, A. Z., Vicente-Pérez, E. M., O'Mahony, C., ... & Woolfson, A. D. (2014). Hydrogel-Forming and Dissolving Microneedles for Enhanced Delivery of Photosensitizers and Precursors. *Photochemistry and photobiology*, 90(3), 641-647.

5. Singh, T. R. R., MCMILLAN, H., MOONEY, K., **ALKILANI**, A., & DONNELLY, R. (2013). Microneedles for drug delivery and monitoring. *Microfluidic Devices for Biomedical Applications*, X. Li and Y. Zhou, Editors, 185-230.
6. McCrudden, M. T., **Alkilani**, A. Z., Courtenay, A. J., McCrudden, C. M., McCloskey, B., Walker, C., ... & Donnelly, R. F. (2014). Considerations in the sterile manufacture of polymeric microneedle arrays. *Drug delivery and translational research*, 5(1), 3-14.
7. Donnelly, R. F., Garland, M. J., & **Alkilani**, A. Z. (2014). Microneedle-iontophoresis combinations for enhanced transdermal drug delivery. In *Drug Delivery System* (pp. 121-132). Springer New York.
8. Donnelly, R. F., McCrudden, M. T., **Alkilani**, A. Z., Larrañeta, E., McAlister, E., Courtenay, A. J., ... & Woolfson, A. D. (2014). Hydrogel-Forming Microneedles Prepared from “Super Swelling” Polymers Combined with Lyophilised Wafers for Transdermal Drug Delivery.