

## **Dr Manal Mohamed Alsaadi**

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### **EDUCATION**

**10/2007 – 10/2011**      **PhD in Pharmaceutical Sciences**  
**Strathclyde Institute of Pharmacy and Biomedical Sciences**  
**University of Strathclyde, Glasgow, UK**

**11/1996 – 10/2001**      **BSc in Pharmaceutical Sciences**  
**Faculty of Pharmacy**  
**University of Tripoli, Tripoli, Libya**

### **EMPLOYMENT EXPERIENCE**

**4/2016 – Present**      **Assistant Professor**  
**Department of Industrial Pharmacy, Faculty of Pharmacy**  
**University of Tripoli, Tripoli, Libya**

**04/2013 – 04/2016**      **Lecturer**  
**Department of Industrial Pharmacy, Faculty of Pharmacy**  
**University of Tripoli, Tripoli, Libya**

**05/2012 – 07/2012**      **Research Assistant**  
**University of Strathclyde, Glasgow, UK**

**12/2011 – 03/2012**      **Research Assistant and Project Champion**  
**University of Strathclyde, Glasgow, UK**

**06/2010 – 11/2010**      **Contract Analyst and Formulation Scientist**  
**University of Strathclyde, Glasgow, UK**

**10-2009 – 06/2010**      **Demonstrator**  
**University of Strathclyde, Glasgow, UK**

**12/2003 – 02/2007**      **Teaching Assistant**  
**Department of Industrial Pharmacy, Faculty of Pharmacy**  
**University of Tripoli, Tripoli, Libya**

**02/2002 – 04/2005**      **Dispensing Pharmacist**  
**Several Private Pharmacies**  
**Tripoli, Libya**

## **PUBLICATIONS**

### ***Book chapters***

- Obeid, M.A., Qaraghuli, M.A., Ruano, M., Sangboonruang, S., Alsaadi, M., Tragoolpua, Y., Ferro, V.A. (2022) Lipid-based nanomaterials in cancer treatment and diagnosis. In A. A. Aljabali & K. Pal (Eds.), *Biotechnology: next-generation therapeutic tools* (pp. 49-83): Bentham Science Publishers Pte. Ltd. Singapore.
- Ferro, V.A., Sliwowska, J.H., Al-Qaraghuli, M., Alsaadi, M. (2018) Methods of sterilization and contraception in mammals. In M. K. Skinner (Ed.), *Encyclopedia of Reproduction Second Edition* (Vol 6, pp 802-811): Academic Press.
- Garside, D.A., Acevedo, R., Alsaadi, M., Nimmo, N., Gebril, A., Lamprou, D., Mullen, A. B., Ferro, V. A. (2015) Vaccines against non-infectious, non-cancer novel targets. In M. Singh & M. Salnikova (Eds.), *Novel approaches and strategies for biologics, vaccines and cancer therapies* (pp. 221-250): Academic Press USA.
- Garside, D., Gebril, A., Alsaadi, M., Ferro, V.A. (2014) Fertility control in wildlife: review of current status, including novel and future technologies. In W.V. Holt, J.L. Brown & P. Comizzoli (Eds.), *Reproductive Sciences in Animal Conservation, Advances in Experimental Medicine and Biology* 753 (pp. 467-488): Springer New York.

### ***Journal Articles***

- Obeid, M.A., Alsaadi, M., Aljabali, A.A., (2022). Recent updates in curcumin delivery. *Journal of Liposome Research*, DOI: 10.1080/08982104.2022.2086567
- Pujol-Navarro, N., Al Qaraghuli, M.M., Kubiak-Ossowska, K., Alsaadi, M.M., Horne, G.A., Soutar, R.L., Paspali, E., Ferro, V.A., Williams, M. TS., Mulheran, P.A., (2021). Multiple myeloma: therapeutic delivery of antibodies and aptamers. *Therapeutic Delivery*, 12(10), 705-722.
- Obeid, M.A., Al Qaraghuli, M.M., Alsaadi, M., Alzahrani, A.R., Niwasabutra, K., Ferro, V.A. (2017). Delivering natural products and biotherapeutics to improve drug efficacy. *Therapeutic Delivery*, 8(11), 947-956.
- Almarzouki, A., Omar, K., Elmajiri, M., Alsaadi, M. (2015). Comparative evaluation of different brands of enteric-coated diclofenac sodium tablets. *International Journal of Pharmaceutical Sciences and Research*, 6(9), 3829-3835.
- Gebril, A.M., Lamprou, D.A., Alsaadi, M.M., Stimson, W.H., Mullen, A.B., Ferro, V.A. (2014). Assessment of the antigen-specific antibody response induced by mucosal administration of a GnRH conjugate entrapped in lipid nanoparticles. *Nanomedicine: Nanotechnology, Biology and Medicine*, 10(5), 971-979.
- Alsaadi, M.M., Carter, K.C., Mullen, A.B. (2013). High performance liquid chromatography with evaporative light scattering detection for the characterisation of a vesicular delivery system during stability studies. *Journal of Chromatography A*, 1320, 80-85.
- Garside, D.A., Gebril, A., Alsaadi, M., Nimmo, N., Mullen, A.B., Ferro, V.A. (2013). An update on the potential for male contraception: emerging options. *Open Access Journal of Contraception*, 2013(4), 1-11.

- Alsaadi, M., Italia, J.L., Mullen, A.B., Kumar, M.N.V., Candlish, A.A., Williams, R.A.M., Shaw, C.D., Al-Gawhari, F., Coombs, G.M., Weise, M., Thomson, A.H., Puig-Sellart, M., Wallace, J., Sharp, A., Wheeler, L., Warn, P., Carter, K.C. (2012). The efficacy of aerosol treatment with non-ionic surfactant vesicles containing amphotericin B in rodent models of pulmonary aspergillus infection. *Journal of Controlled Release*, 160, 685-691.
- Campbell, S.A., Alawa, J., Doro, B., Henriquez, F.L., Roberts, C.W., Nok, A., Alawa, C.B.I., Alsaadi, M., Mullen, A.B., Carter, K.C. (2012). Comparative assessment of a DNA and protein *Leishmania donovani* cysteine synthetase vaccine to cross-protect against murine cutaneous leishmaniasis caused by *L. major* or *L. Mexicana* infection. *Vaccine*, 30, 1357-1363.
- Garside, D.A., Gebril, A., Nimmo, N., Alsaadi, M., Mullen, A.B., Ferro, V.A. (2012). An update on developments in female hormonal contraception. *Current Women's Health Review*, 8(4), 276-288.
- Gebril, A., Alsaadi, M., Acevedo, R., Mullen, A.B., Ferro, V.A. (2012). Optimising efficacy of mucosal vaccines. *Expert Review of Vaccines*, 11(9), 1139-1155.
- Alsaadi, M., Roberts, F., Vass, M., Ferro, V., Dunlop, D., Carter, K.C., Mullen, A.B., The delivery of cisplatin using non-ionic surfactant vesicles. (In preparation).
- Al-Gawhari, F., Alsaadi, M., Puig-Sellart, M., Henriquez, S., Vass, M., Ferro, V.A., Mullen, A.B., Carter, K.C., Studies to determine the feasibility of using non-ionic surfactant vesicles to improve the delivery of gemcitabine to the lungs. (In preparation).

#### **Conference proceedings**

- M. Alsaadi, K. Carter, A. Mullen, The use of a vesicular delivery system in the enhancement of cisplatin bioavailability. Abstract for poster presentation at the University of Strathclyde Research Day, University of Strathclyde, UK (2009).
- M. Alsaadi, K. Carter, A. Mullen, The use of a vesicular delivery system in the enhancement of cisplatin bioavailability. Abstract for poster presentation at the UKICRS Annual Symposium, University of Hertfordshire, UK (2010).
- M. Alsaadi, K. Carter, A. Mullen, The use of a vesicular delivery system in the enhancement of cisplatin bioavailability. Abstract for oral presentation at the Integrative Mammalian Biology Symposium, University of Glasgow, UK (2010).
- M. Alsaadi, K. Carter, A. Mullen, The use of a vesicular delivery system in the enhancement of cisplatin bioavailability. Abstract for poster presentation at the 37<sup>th</sup> Annual Meeting and Exposition of the Controlled Release Society (CRS), Oregon, USA (2010).
- M. M. Alsaadi, K. C. Carter, A. B. Mullen, Delivery enhancement of cisplatin using non-ionic surfactant vesicles. Abstract for oral presentation at the 42<sup>nd</sup> Annual Meeting and Exposition of the Controlled Release Society (CRS), Edinburgh, UK (2015).
- M. M. Alsaadi, V. M.S. Duncan, A. B. Mullen, D. A. O'Neil, The antifungal activity of novel formulations containing Novamycin. Abstract for poster presentation at the 8<sup>th</sup> International Meeting on Antimicrobial Peptides (IMAP), Edinburgh, UK (2018).

- M. M. Alsaadi, V. M.S. Duncan, A. B. Mullen, D. A. O'Neil, The antifungal activity of novel formulations containing Novamycin. Oral presentation at the KTP Associate Seminar, Edinburgh, UK (2018).

#### **PROFESSIONAL QUALIFICATION**

- Member of the Libyan Pharmacists Syndicate (since 2002).