

Ola Ali Altarawneh Ph.D.
Al-Zaytoonah University of Jordan
Amman-Jordan

EDUCATION

Jan. 2014: Ph.D. Pharmacy (Industrial pharmacy and Biomaterials)

Queen's University of Belfast.

Thesis: The Manufacture and Characterisation of Hot Melt Extruded Bioactive Self-Cleansing Materials Designed to Reduce the Bacterial Colonisation and Encrustation Associated with Implanted Urinary Devices.

1997-2002: Bachelor degree in pharmacy from Al-Zaytoonah University of Jordan.

RESEARCH EXPERIENCE

2010-2014: Graduate Research student, Advisors: Gavin Andrews, David Jones and Brendan Gilmore

Research:

- The use of hot melt extrusion technology to manufacture novel pH sensitive medical devices
- The development of a model to study urinary catheters blockage simulating *in-vivo* conditions.
- Pharmaceutical formulation

PROFESSIONAL EXPERIENCE

- February 2014-Present: Assistant Professor, Al-Zaytoonah Private University of Jordan-Faculty of Pharmacy, Amman- Jordan.
- February 2014-Present : Teaching graduate courses in pharmaceutics and pharmaceutical technology
- Teaching graduate course
- Co supervisor on master research student
- Examiner committee member in several master viva
- October 2002-September 2010: Laboratory demonstrator and teaching assistant at Al-Zaytoonah Private University of Jordan-Faculty of Pharmacy, Amman- Jordan.

PUBLISHED

- Suhair Sunoqrot, Lina Hasan, Aya Alsadi, Rania Hamed, Ola Tarawneh, Interactions of Mussel-inspired Polymeric Nanoparticles with Gastric Mucin: Implications for Gastro-retentive Drug Delivery, Colloids and Surfaces B: Biointerfaces 2017. DOI: 10.1016/j.colsurfb.2017.05.005
- Hamed, R., Al-Samydai, A., Al Baraghthi, T., Tarawneh, O., & Sunoqrot, S. (2017). Influence of HPMC K100LV and Compritol® HD5 ATO on Drug Release and Rheological Behavior of HPMC K4M Matrix Tablets. Journal of Pharmaceutical Innovation, 1-14.
- Hamadneh, Imad, Najel Yaseen, Yousef Abdallat, Lama Hamadneh, and Ola Tarawneh. "The Sintering Effect on the Phase Formation and Transport Current Properties of $\text{SmBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Ceramic Prepared from Nano-Coprecipitated Precursors." Journal of Superconductivity and Novel Magnetism (2016): 1-6.
- Hamed, Rania, Areej Awadallah, Suhair Sunoqrot, Ola Altarawneh, et al. "pH-Dependent Solubility and Dissolution Behavior of Carvedilol—Case Example of a Weakly Basic BCS Class II Drug." AAPS PharmSciTech (2015): 1-9.
- Hamed, R., Basil, M., AlBaraghthi, T., Sunoqrot, S., & Tarawneh, O. (2015). Nanoemulsion-based gel formulation of diclofenac diethylamine: design, optimization, rheological behavior and in vitro diffusion studies. Pharmaceutical Development and Technology, 1-10.
- UKPharmSci 2-4 September, 2013, United Kingdom The Design, Manufacture and Characterisation of Novel Medical Device Coatings using Cellulose Polymers, Ola Altarawneh, David Jones, Brendan Gilmore, Gavin Andrews, School of Pharmacy, Queen's University of Belfast.
- AAPS 2013, Texas, Unites States, Manufacture and Characterization of pH Responsive Hot Melt Extruded Biomaterials, Andrews, G., Altarawneh, O., Jones, D., Gilmore, B., Madi, A., Queen's University of Belfast
- AAPS 2012, Manufacture and Characterization of Hot Melt Extruded Films for Medical Devices, Altarawneh, O., Jones, D., Gilmore, B., Andrews, G., Williams, M., Queen's University of Belfast.
- AAPS 2011, Washington DC, United States, DRUG ELUTING PH-TRIGGERED SELF-CLEANSING BIOMATERIALS, Altarawneh, O., Zhai, H., Jones, D., Gilmore, B., Andrews, G., Queen's University of Belfast