

Curriculum Vitae

Name

Areen Alshweiat

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Academic Qualifications

09/2016-07/2020 **Institute of Pharmaceutical Technology and Regulatory Affairs, University of Szeged, Szeged, Hungary.**

Doctoral studies

Published scientific papers

- **A. Alshweiat**, I. Csóka, F. Tömösi, T. Janáky, A. Kovács, R. Gáspár, A. Sztojkov-Ivanov, E. Ducza, Á. Márki, P. Szabó-Révész, R. Ambrus. Nasal delivery of nanosuspension-based mucoadhesive formulation with improved bioavailability of loratadine: preparation, characterization, and in vivo evaluation. *Int. J. Pharm.* 579 (2020) 119166. doi: 10.1016/j.ijpharm.2020.119166.
- R. Ambrus, **A. Alshweiat**, I. Csóka, G. Ovari, A. Esmail, N. Radacsi, 3D-printed electrospinning setup for the preparation of loratadine nanofibers with enhanced physicochemical properties, *Int. J. Pharm.* 567 (2019) 118455. doi:10.1016/j.ijpharm.2019.118455.
- **A. Alshweiat**, R. Ambrus, I. Csóka. Intranasal nanoparticulate systems as alternative route of drug delivery, *Curr. Med. Chem.* 26 (2019) 6459–6492. doi:10.2174/0929867326666190827151741.
- **A. Alshweiat**, R. Ambrus, I. Csóka. QbD based control strategy of loratadine nanosuspensions and dry nanoparticles stabilized by soluplus®, *Farmacia.* 67 (2019) 729–735. doi:10.31925/farmacia.2019.4.23.
- **A. Alshweiat**, G. Katona, I. Csóka, R. Ambrus. *Design and characterization of loratadine nanosuspension prepared by ultrasonic-assisted precipitation*, *Eur. J. Pharm. Sci.* 122 (2018) 94–104. doi:10.1016/j.ejps.2018.06.010.

09/2011-06/2014 **Jordan University of Science and Technology**

Master of Science in pharmaceutical technology

Thesis title “Preparation and evaluation of tacrolimus solid dispersion systems”

09/2004-02/2009 **Jordan University of Science and Technology**

Bachelor in pharmacy

Professional Experience

05/2018-05/2020 **Interdisciplinary Centre of Excellence-Hungary**

Project’s aim: Development and targeting new active pharmaceutical ingredients using new drug-carrier system.

05/2019-06/2019 **Institute of Material and Process-University of Edinburgh-Scotland, UK**

Project’s aim: Preparation of nanofibers for drug delivery.

10/2015-08/2016 **The Hashemite University- Zarqa, Jordan**

Full time lecturer-Faculty of Pharmaceutical Sciences.

10/2014-07/2015 **The Jordan University of Science and Technology- Irbid, Jordan**

Part time lecturer-Department of Pharmaceutical Technology.

Research interest

Pharmaceutics and pharmaceutical technology, nanoparticles, SmartCrystals, electrospinning nanofibers, drug delivery, intranasal delivery.

Conferences

- **Areen, A.**, Ambrus,R., Katona, G., Csóka,I; *Preparation and evaluation of loratadine nanosuspension by using precipitation ultrasonication technology*. 7th BBBB International Conference of Pharmaceutical Sciences. October 2017. Balatonfüred, Hungary.
- **A. Alshweiat**, G. Katona, I. Csóka, A. Ambrus; *Incorporation of loratadine into intranasal delivery system*. BioNanoMed. April 2018. Graz, Austria.
- **Alshweiat Areen**, Rita Ambrus, Gábor Katona, Ildikó Csóka. *Preparation and investigation of loratadine nanosuspension stabilized by soluplus® to improve physico-chemical properties*. EUFEPS. May 2017. Athens, Greece.
- **Areen Alshweiat**, Rita Ambrus, Ildikó Csóka; *Implementation of QbD approach for development of nanosized intranasal products*. 1st Young Technologists' Forum. April 2018. Budapest, Hungary.
- **Areen Alshweiat**, Ildikó Csóka, Rita Ambrus; *Development of Sodium Hyaluronate-based Formulations Loaded with Nanosuspension for Nasal Delivery of Loratadine: Simplicity of Preparation and Application*. I. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Affairs. January 2019. Szeged, Hungary.
- **Areen Alshweiat**, Ildikó Csóka, Rita Ambrus; *Nanosystems for improved physicochemical properties of poorly water-soluble loratadine*. II. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Affairs. January 2020. Szeged, Hungary.
- Rita Ambrus, **Areen Alshweiat**, Ildikó Csóka, György Óvári, Norbert Radacsi; *Characterization of electrospun loratadine-PVP composite nanofibers prepared by a 3D-printed electrospinning apparatus*. CESPT. August 2018. Szeged, Hungary.

Languages

Arabic: Native
English: Full professional proficiency
Germany: Intermediate B1 level

Ajloun-Jordan

14-09-2020

