

CURRICULUM VITAE



Abdullah H. A. AlOmrani, M.Sc., Ph.D.
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Professional Preparation

Institution and Location	Degree	Years	Field of Study
University of Bradford, Bradford, United Kingdom.	Ph.D.	2003–2007	Pharmaceutical Technology
College of Pharmacy, King Saud University, Riyadh, Saudi Arabia	M.Sc.	1998–2002	Pharmaceutical Sciences
College of Pharmacy, King Saud University, Riyadh, Saudi Arabia	B.Pharm	1992–1998	Pharmaceutical Sciences

Appointments

2015 - present	<i>Vice Dean for academic affairs</i> , College of Pharmacy - King Saud University
2009 - 2013	<i>Supervisor for Student Extracurricular Activities</i> College of Pharmacy - King Saud University
2007 - Present	<i>Assistant Professor</i> , Department of Pharmaceutics, College of pharmacy, King Saud University, Riyadh, Saudi Arabia.
2003 - 2007	<i>Ph.D student</i> , Drug Deliver Group, School of Pharmacy, University of Bradford, Bradford, United Kingdom.
1998 - 2003	<i>Teaching Assistant</i> , Department of Pharmaceutics, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia

Honors

2003 - 2007	Scholarship award from King Saud University and the Ministry of Higher Education, Riyadh, Saudi Arabia to obtain Doctoral Degree (Ph.D.).
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Consultations

2012 - 2015	Part-time consultant at Saudi FDA.
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Peer-reviewed Publications and Conference Proceedings

- **Abdullah H. Alomrani** and Mohamed M. Badran. Flexosomes for transdermal delivery of meloxicam: characterization and antiinflammatory activity. *Artificial Cells, Nanomedicine, and Biotechnology*, (2016) Accepted for Publication.
- Ziyad Binkhathlan, Mohamed M. Badran, **Abdullah Alomrani**, Ibrahim A. Aljuffali, Mohammed Alghonaim, Saleh Al-Muhsen, Rabih Halwani, Aws Alshamsan. Reutilization of Tacrolimus Extracted from Expired Prograf® Capsules: Physical, Chemical, and Pharmacological Assessment, *AAPS PharmSciTech* 10/2015; DOI:10.1208/s12249-015-0433-7.
- **Abdullah H. Alomrani**, Mohamed H. Al-Agamy, Mohamed M. Badran, In vitro skin penetration and antimycotic activity of itraconazole loaded niosomes: Various non-ionic surfactants, *Journal of Drug Delivery Science and Technology*, 2015 (28), 37–45.
- Mohammad Badran, Faisal I. Alhazza & **Abdullah H. Alomrani**, Development of Piperine Loaded Deformable Liposomes-A New Vesicular Carrier of Piperine: Characterization and Ex Vivo Skin Penetration Studies. *Lat. Am. J. Pharm.* 34 (2): 244-52 (2015).
- Gamal Shazly, Mohamed Badran, Khairy Zoheir, **Abdullah Alomrani**. Utilization of spray drying technique for improvement of dissolution and anti-inflammatory effect of Meloxicam. *Pak. J. Pharm. Sci.*, Vol.28, No.1, January 2015, pp.103-111.
- **Abdullah H. Alomrani**, Gamal A. Shazly, Amro A. Amarad, Mohamed M. Badrana, Itraconazole-hydroxypropyl-beta-cyclodextrin loaded deformableliposomes: In vitro skin penetration studies and antifungal efficacyusing Candida albicans as model Colloids and Surfaces B: Biointerfaces 121 (2014) 74–81
- Amro A. Amara, Atef M. Shibl, Hesham Radwan, **Abdullah Al-Omrani**, andAbdul-Kader F. Tawfik, Towards Safer Alginate Production from a Strain of Pseudomonades, *Asian Journal of Biological Sciences, Sciences*, 6 (8): 376-381, 2013.
- Waheed M. Ibrahim, **Abdullah Al-Omrani**, and Alaa Eldeen B. Yassin, Novel sulpiride loaded solid lipid nanoparticles with enhanced intestinal permeability, *International Journal of Nanomedicine*, 2014:9 129–144.
- Mohamed Badran, Khaled Shalaby, and **Abdullah Al-Omrani**, Influence of the Flexible Liposomes on the Skin Deposition of a HydrophilicModel Drug, Carboxyfluorescein: Dependency on Their Composition, *The ScientificWorld Journal* Volume 2012, Article ID 134876, 9 pages
- G. M. El Maghraby and **A. H. Alomrani**, Effect of binary and ternary solid dispersions on the in-vitro dissolution and in-situ rabbit intestinal absorption of gliclazide. *Pak. J. Pharm. Sci.*, Vol.24, No.4, October 2011, pp.459-468

- **Abdullah H. Alomrani**, Gamal M. El Maghraby, Fars K. Alanazi, Mai A. AL-Mohanna, Ayodele A. Alaiya and Ibrahim A. Alsarra, Optimization of Liposomes for Enhanced Cytotoxic Activity of Bleomycin, *Drug Develop. Res.* 72: 265–273 (2011).
- Gamal M. EL MAGHRABY and **Abdullah H. ALOMRANI**, Effects of hydroxypropyl- β -cyclodextrin, gel and in situ gelling systems on the stability of hydrocortisone after gamma irradiation, *J. DRUG DEL. SCI. TECH.*, 20 (5) 385-389 2010.
- Gamal M. EL MAGHRABY and **Abdullah H. ALOMRANI**, Synergistic Enhancement of Itraconazole Dissolution by Ternary System Formation with Pluronic F68 and Hydroxypropylmethylcellulose, *Sci Pharm.* 2009; 77; 401–417.
- **A. H. Al-Omrani** and R. T. Forbes, Novel Thermal Stabilizers of Lysozyme Evaluated by High Sensitivity Differential Scanning Calorimetry. Poster presentation at the British Pharmaceutical conference, Manchester, 2004, Published in *Journal of Pharmacy and Pharmacology* (2004), 56:S-44
- **A. H. Al-Omrani**, R. T. Forbes and M.C. Bonner, Influence of pH on Protein Aggregation During Emulsification, Poster presentation at the British Pharmaceutical conference, Manchester, 2005, Published in *Journal of Pharmacy and Pharmacology* (2005), 57:S-86
- **A. H. Al-Omrani** and R. T. Forbes, Stability of Spray Dried Lysozyme with and without additives; evaluated by DSC, Raman Spectrometry and Biological Activity Assay, Poster presentation at the International Pharmaceutical Science Conference, Riyadh, 2005, Published in *Saudi Pharmaceutical Journal* (2005), volume 13, No. 4 (Supplement): 103 (PT-06)
- **A. H. Al-Omrani** and R. T. Forbes, Long Term Storage Stability Study of Spray Dried Lysozyme in the presence and absence of additives, Poster presentation at the International Pharmaceutical Science Conference, Riyadh, 2005, Published in *Saudi Pharmaceutical Journal* (2005), volume 13, No. 4 (Supplement): 103 (PT-06)
- **A. H. Al-Omrani**, R. T. Forbes and M.C. Bonner. Influence of pH on Protein Aggregation During Emulsification, Poster presentation at AAPS annual meeting, Nashville, 2005.
- Gamal M. El Maghraby, **Abdullah H. Alomrani**, Osama M. Badr-Eldin, TRANSDERMAL DELIVERY OF BETAMETHASONE FROM NANOEMULSION: EFFECT OF OIL ON SKIN PENETRATION.
- Gamal M. El Maghraby and **Abdullah H. Alomrani**, Enhancement of solubility and oral bioavailability of gliclazide.
- El Maghraby, G.M. **Alomrani, A.H.**, Badr-Eldin, O.M. (2010). Transdermal delivery of betamethasone from nanoemulsion: Effect of oil on skin penetration, Poster presentation at *the 8th International Saudi Pharmaceutical Conference*, Riyadh, 25-28 April, 2010.

- El Maghraby, G.M. **Alomrani, A.H.** (2010). Enhancement of dissolution of gliclazide. Poster presentation at *the 8th International Saudi Pharmaceutical Conference*, Riyadh, 25-28 April, 2010.
- **Abdullah H. Alomrani**, Gamal M. El Maghraby, Fars K. Alanazi, Mai A. AL-Mohanna, Ayodele A. Alaiya and Ibrahim A. Alsarra, **Optimization of liposomes for enhanced biological activity of bleomycin**. Poster presentation at AAPS National Biotechnology Conference, San Francisco, CA, USA, 16-19 May, 2010.
- Abdullah Alshememry, Jabran Harthi, Saeed Alqahtani, and **Abdullah AlOmrani** Enhancement of meloxicam dissolution using binary and ternary solid dispersion systems. Poster presentation at research day of pharmacy college, KSU, Riyadh, SA. 05 January, 2011.
- Khalid Alyahya, Khalid Alhazzani, Muteb Alharbi, and **Abdullah AlOmrani**, Dissolution enhancement of meloxicam utilizing re-crystallization technique in presence and absence of polyvinyl pyrrolidone. Poster presentation at research day of pharmacy college, KSU, Riyadh, SA. 05 January, 2011.

Academic Supervision:

A) Principle Advisor for of 2 Master Thesis

1. **Development of Liposomal Curcumin Analogue, 5-Bis (4-hydroxy-3-methoxybenzylidene)-N-methyl-4-piperidone (PAC), for *In Vitro* Assessment of Thyroid Cancer**
2. **EFFECT OF CHEMICAL PERMEATION ENHANCERS AND GEL FOMULATIONS ON THE CUTANEOUS DELIVERY OF PIPERINE USING RABBIT EAR SKIN AS A MODEL (2012).**

B) Co-Advisor of Three Master Thesis:

1. **EVALUATION OF PACLITAXEL NIOSOMES AS POTENTIAL TREATMENT FOR BREST CANCER (2013).**
2. **ENHANCEMENT OF SULPIRIDE INTESTINAL ABSORPTION BY LOADING IN SOLID LIPID NANOPARTICLES (2013).**
3. **DESIGNE AND EVALUATION OF MICROEMULSIONS AS A TRANSDERMAL DRUG DELIVERY SYSTEM.**

C) Principle Advisor of four groups of undergraduate students (graduated projects):

1. **Enhancement of meloxicam dissolution using binary and ternary solid dispersion systems (2011). (1st prize Winner of the Best Undergraduate Student Poster Competition in the College of Pharmacy Research day, King Saud University)**
2. **Dissolution enhancement of meloxicam utilizing re-crystallization technique in**

presence and absence of polyvinyl pyrrolidone (2011). (3rd prize Winner of the Best Undergraduate Student Poster Competition in the College of Pharmacy Research day, King Saud University).

- 3. Development and Characterization of Simvastatin loaded Liposomes: Effect of Cholesterol Concentration. (2011)**
- 4. Paclitaxel-loaded Liposomes: Effect of Hydroxpropyl-beta-Cyclodextrin on Liposomes Loading Efficiency (2012).**

Collaborators and Other Affiliations

- ◆ Nanomedicin unit, pharmaceutical department, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia. (2013-present).
- ◆ Center of Excellence in Biotechnology Research, King Saud University, Riyadh, Saudi Arabia. (2009-2012).
- ◆ Vitiligo Research Chair King Saud University, Riyadh, Saudi Arabia. (2010-2012).
- ◆ Nanomedicine Unit, Pharmaceutical Department, College of Pharmacy, KSU, Riyadh, Saudi Arabia.(2012-Present).

Committees

2015 – present	Director, Committee for Academic affairs, College of Pharmacy. King Saud University.
2015 – present	Director, Academic Advising Committee, College of Pharmacy. King Saud University.
2015 – present	Director, Student Rights Committee, College of Pharmacy. King Saud University.
2008 – 2010	Member, Committee for the Research Center of the College of Pharmacy. King Saud University.
2009 – 2010	Member, Doctor of Pharmacy Program Restructuring Committee, College of Pharmacy, King Saud University.
2009 – 2011	Member, Bachelor Program Restructuring Committee, College of Pharmacy, King Saud University.
2009 – Present	Member, Student Rights Committee, College of Pharmacy, King Saud University.
2010 – Present	Member, Academic Advising Committee, College of Pharmacy, King Saud University.
2012- Present	Director of the Committee of postgraduate studies and academic affairs of the Pharmaceutical department