

Fars Kaed Alanazi, Ph.D.

Associate Professor of Pharmaceutics

Department of Pharmaceutics
College of Pharmacy Building # 23, Office Number AA101
King Saud University
P.O. Box 2457, Riyadh 11451, Saudi Arabia
+ (9661) 467-7370 (Office)
+ (9661) 467-6383 (Fax)
+ (966) 503265669 (Mobil)
Email: afars@ksu.edu.sa



Education:

- 1999-2003 **Ph.D.** in pharmaceutics in area of drug delivery and drug targeting, Department of Pharmaceutical and Biomedical Sciences, College of Pharmacy, The University of Georgia, Athens, Georgia, 30602, USA. **Dissertation:** “Application of lipoprotein as drug delivery system for anticancer drug and DNA based vaccine” **Director:** Professor Robert Lu. **Graduated GPA (Excellent , 4 out of 4)**
- 1992-1997 **Bachelor Pharmacy (B. Pharm.)**, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia. **Graduated GPA (Excellent, 4.69 out of 5.0)**
-

Employment:

- August 2007- present **Director**, Dr. Walid Kayyali Scientific Chair for Pharmaceutical Industry, College of Pharmacy, King Saud University.
- February 2006- present **Chairman, Department of Pharmaceutics**, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia

- March 2008- present **Associate Professor of Pharmaceutics**, Department of Pharmaceutics, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia
- February 2004- present **Assistant Professor of Pharmaceutics**, Department of Pharmaceutics, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia
- August 1999- Dec 2003 **Graduate Research Student** , Department of Pharmaceutical and Biomedical Sciences, College of Pharmacy, The University of Georgia, Athens, Georgia, 30602, USA
- 1997-1999 **Graduate Teaching Assistant**, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia. Teaching responsibilities was in area of industrial pharmacy and sterile formulations.

Professional and Honorary Membership:

Saudi Pharmaceutical Society (SPS)

American Association of Pharmaceutical Sciences (AAPS)

The University of Georgia Alumni member, UGA Athens, Georgia, 30602, USA

Faculty and Administrative responsibilities:

- 2007-Present** **Consultant** (part time), Aljouf University, Aljouf Provenance, Ministry of Higher education, Kingdom of Saudi Arabia.
- 2007-Present** **Member**, Board Committee of Biotechnologically Excellence Center, King Saud University
- 2007-Present** **Member**, Blood Product Committee, Saudi Food and Drug Authority, Kingdom of Saudi Arabia

- 2006-Present** **Member**, College of Pharmacy Counseling Committee, College of Pharmacy, King Saud University
- 2005-Present** **Consultant**, Doctor of Pharmacy Program, King Fahad Medical City, Ministry of Health, Riyadh, Saudi Arabia
- 2005-2006** **Coordinator**, Student Admission Assisting Office, United State Scholarship Project, Ministry of Higher Education, Riyadh, and Saudi Arabia
- 2005- 2006** **Chairman**, Internet committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia
- 2005- 2006** **Member**, Organization committee, The Ninth International Pharmaceutical Conference and Exposition Riyadh, Saudi Arabia
- 2005- 2006** **Member**, Media committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia
- 2004- 2006** **Member**, Pharmacy Student Training Committee, College of Pharmacy, King Saud University
- 2004-Present** **Member**, Doctor of Pharmacy Curriculum Revision Committee, College of Pharmacy, King Saud University
- 2004- Present** **Coordinator**, Design and construct department of pharmaceutics website, College of Pharmacy, King Saud University
- 2004- 2005** **Member**, Saudi Pharmaceutical Society-Voting Committee, Saudi Pharmaceutical Society, Riyadh, Saudi Arabia
- 2004- Present** **Member**, Master Degree Revision and Evaluation Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University
- 2004- Present** **Member**, Doctor of Philosophy in Pharmaceutics-Developing Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University
- 2004- Present** **Member**, Laboratory Supplies Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University
- 2004- Present** **Member**, Budget Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University

- 2004- Present** **Member**, Laboratory and College Safety Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University
- 2004-2003** **Member**, Medical Colleges Standardization Test-Proctor Committee for the admission to medical colleges in King Saud University
- 2002- 2003** **Member**, Finance Committee in GRASP 2002, College of Pharmacy, The University of Georgia, Georgia, USA
- 2000-2002** **Chairman**, Accounting Committee in Al-Huda Islamic Center, Athens, Georgia, USA

Research Area of Interest: Dr Alanazi's research interests are in the area of targeted drug delivery especially in the utilization of plasma components such as lipoprotein and red blood cells as a novel drug delivery. Also, He interested in Pharmaceutical Technology and Pharmacokinetics.

Teaching Expertise:

- PHT 251: Pharmaceutical Solutions
- PHT 252: Dispersion Systems and Drug Stability
- PHT 351: Sterile dosage forms
- PHT 471: Biopharmaceutics
- PHT 461: Industrial Pharmacy
- PHTR 496: raining-1
- PHTR 497: Pharmacy Training-2
- PHTR 498: Pharmacy Training-3

Graduate Student supervision:

Name of the student	Title of Thesis
1 Zaid Mohammad AL-Ashban	Preparation of Sustained Release Dextromethorphan Microparticles Using The Spray Drying Technique (2006)
2 Amal Yassin Hamed	Formulation and Evaluation of Mucoadhesive System for Nasal Delivetry of Haloperidol (2006)

Master Thesis Examination Committee :

1	Lubna Yousef Ashri	Metronidazole Benzoate Buccoadhesive Film for the Treatment of Periodontal Diseases (2007)
---	--------------------	--

Scholarships and Awards:

1. Academic Achievement award for the outstanding students, Leo Pharmaceutical Company, Denmark (1997)
2. Academic achievement award for the excellent Saudi students, Saudi Cultural Mission, Washington, USA (2000-2003)
3. Academic award, Tuition Fee-Waiver Program, Excellent graduate students, Graduate School, The University of Georgia, Athens, GA, USA. (2003)
4. Pharmaceutical Technology and Manufacturing Center, Grant by Dr. Walled AlKayyali (10 million SR.) (2007)
5. Biotechnology Research Excellency Center, Grant from Ministry of Higher Education (45 million SR) (2007).
6. Grant from King Abdulaziz City for Science and Technology, “The Development of New Drug Delivery System for Diagnosis Treatment of Colon Cancer “(850 thousands SR.) (2006)
7. Grant, “Improvement of the Oral Bioavailability of Spironolactone by Spray Drying Technique”, College of Pharmacy Research Center, (C.P.R.C. 214) (2007).
8. Grant, “Lipid Based Colloidal Drug Delivery System for Enhanced Oral Bioavailability of Low Solubility and Low Permeability Drugs”, College of Pharmacy Research Center, (C.P.R.C. 213) (2007).

9. Grant, "Improvement of the Oral Bioavailability of Albendazole by Spray Drying Technique and some hydrophilic polymers", College of Pharmacy Research Center, (C.P.R.C. 170) (2006)
10. Grant, "Red Blood Cells as Novel Drug Delivery System Target anticancer drugs to Liver", College of Pharmacy Research Center, (C.P.R.C. 144) (2005)
11. Grant, "Effect of Cyclodextrines on the Chemical Stability of Some Commonly Used Antibiotics", College of Pharmacy Research Center, (C.P.R.C. 130) (2004)
12. Grant, "Formulation and Physicochemical Characterization of Buccoadhesive Films Containing Ketorolac", College of Pharmacy Research Center, (C.P.R.C. 169) (2004)

Patents:

- There is one patent which has been submitted to the General Directory of Patents, King Abdulaziz City for Science and Technology, Kingdom of Saudi Arabia, Application Number 07280357 (1/7/2007), entitled "Novel Buccoadhesive Films containing Ketorolac for Post-oral Surgery Pain Management "

Publications:

1. **Alanazi, F.K.**, Saudi Date Syrup as Pharmaceutical Excipient: Tablet Binder (In preparation, 2008)
2. Tiffany Adams , James C. Price , **Alanazi, F.K.**, Trazodone HCL Tablets: Physical Characteristics and Dissolution Studies of Whole and Half Tablet (to be submitted, 2008)
3. Tiffany Adams , James C. Price , **Alanazi, F.K.**, Engineered Artificial Lipoproteins Composed of a Phospholipid Nano-Emulsion and Lipidized Transferrin (to be submitted, 2008)
4. Gamal M, **Alanazi, F.K.**, Ahmed Boselah, Lipid Based Colloidal Drug Delivery Systems for Enhanced Oral Bioavailability of Low Solubility and Low Permeability Drugs (In preparation, 2008)
5. Nahlah B, El-Badry M, **Alanazi, F.K.**, Alaa Eldeen Yassin, Enhancing the Dissolution Properties of Spironolactone Using a New Polymer and Spray Drying Technique (In preparation, 2008)

6. **Alanazi, F.K.**, Alaa Eldeen Yassin, Mahmoud El-Badry, Hammam A. Mowafy and Ibrahim A. Alsarra, Analysis and stability-indicating high performance liquid chromatographic (HPLC) assay for determination of 5-Fluorouracil substance utilizing ultraviolet detection (to be submitted, 2008)
7. **Alanazi, F.K.**, Sayed M. Ahmed, Suliman S. Alhamed, Hammam. A. Mowafy, Ibrahim A. Alsarra and Mohsen A. Bayomi, Inclusion Complexation of Itraconazole with Cyclodextrin Derivatives: Phase Solubility and Physicochemical Characterization (Accepted in Mansours Journal of Pharmaceutical Sciences, 23 (2), (2007)
8. **Alanazi, F.K.** Beyomi M, Bagory I. Mostafa A. and Alsarra I.A., Saudi-Cultived and Produced Starch as Binder and Disintegrant in Comparison to Imported Starch (*Accepted in Saudi Pharmaceutical Journal, (2008)*)
9. **Alanazi, F.K.** Gamal M, and Alsarra I.A., A Stability Indicating HPLC Method for Determination of Tadalafil (*In preparation 2008*)
10. **Alanazi F.K.**, Evaluation of Certain Amino Acids as Tablet Excipients: Accelerated Disintegration Effects in Tablets Containing Propranolol, *Alex. J. Pharm. Sci., 21: 135-146,(2007)*
11. **Alanazi F.K.**, Abdel Rahman A.A., Mahrous G.M. and Alsarra I.A., Formulation and Physicochemical Characterization of Buccoadhesive Films Containing Ketorolac, *J. Drug. Del. Sci. Tech., 17: 183-192, (2007)*
12. **Alanazi F.K.**, Evaluation of Spray and Freeze Dried Excipient Bases Containing Disintegration Accelerators for the Formulation of Metoclopramide Orally Disintegrating Tablets, *Saudi Pharmaceutical Journal, 15: 105-119, (2007)*
13. **Alanazi F.K.**, Stability-Indicating High Performance Liquid Chromatographic Assay of Colchicine, *Scientific Journal of Al-Azhar Medical Faculty, 28: 987-997, (2007)*
14. Alsarra I.A., Ahmed M.O., El-Badry M., **Alanazi F.K.** Al-Mohizah A.M. and Ahmed S.M., Effect of B-Cyclodextrin Derivatives on Kinetics of Degradation of Cefotaxime Sodium in Solution State, *J. Drug. Del. Sci. Tech.,17, 353-357, (2007)*
15. **Alanazi F.K.**, El-Badry M., Ahmed M.O. and Alsarra I.A., Improvement of Albendazole Dissolution by Preparing Microparticles Us Spray-Drying Technique, *Scientia Pharmaceutica (Sci. Pharm.) 75: 63-79,(2007)*

16. Alsarra I.A., **Alanazi F.K.**, Ahmed S.M., Alhamed S.S. and Mowafy H.A., Preparation and Evaluation of Itraconazole-Cyclodextrin Complexes in Solid State, *Alex.J. Pharm. Sci.*, 21: 47-55, (2007)
17. Alsarra I.A., **Alanazi F.K.**, Abdel Rahman A.A., Mahrous G.M. and Al Hezaimi K.A. Clinical Evaluation of Novel Buccoadhesive Films Containing Ketorolac in Dental and Post-Oral Surgery Pain Management (*Galley Proof in Depharamzie 2007*).
18. **Alanazi F.K.**, El-Badry M. and Alsarra I.A., Spray-Dried HPMC Microparticles of Indomethacin: Impact of Drug-Polymer Ratio and Viscosity of the Polymeric Solution on Dissolution, *Saudi Pharmaceutical Journal*, 14: 100-107 (2006)
19. **Alanazi, F.**, Fu, Z. F. and Lu, D. R.: Effective transfection of rabies DNA vaccine in cell culture using an artificial lipoprotein carrier system. *Pharmaceutical Research*, 21, 676-683 (2004)
20. **Alanazi, F.**, Halpern, D. S. and Lu, D. R.: Intracerebral diffusion of new cholesterol-based anticancer conjugate in tumor-bearing rat model. *Journal of Applied Research*, 4(1), 1-8 (2004)
21. **Alanazi, F.**, Li, H., Halpern, D.S., Øie, S. and Lu, D. R.: Synthesis, preformulation and liposomal formulation of cholestery carborane esters with various fatty chains. *International J. Pharmaceutics*, 255, 189-197 (2003)
22. **Alanazi, F.**, Halpern, D. S., and Lu, D. R.: Development of cholesterol-based conjugates for targeted drug delivery. *STP Pharmaceutical Sciences*, 13, 27-35 (2003)
23. Adams, T., **Alanazi, F.** and Lu, D. R.: Safety and utilization of blood components as therapeutic delivery systems. *Current Pharmaceutical Biotechnology*, 4, 275-282 (2003)

Abstracts Presented in Scientific Meetings:

1. Clinical Evaluation of Novel Buccoadhesive Film Containing Ketorolac in Dental and Post-Oral Surgery Pain Management, Alsarra I.A., **Alanazi, F.K.**, Abdel Rahman A.A., Mahrous G.M and K. Al Hezaimi, 2007 AAPS National Biotechnology Conference, San Diego, California, USA, **2007**
2. A Stability indicating High Performance Liquid Chromatography Method for Determination of Tadalafil. **Alanazi, F.K.** Gamal M, and Alsarra I.A., The 7th International Saudi Pharmaceutical Conference, Page 118, **2007**

3. In Vitro Evaluation of Polymer and Polymer Blends as Tablet Matrices. Ibrahim M. El-Bagory, Nahlah, Fouza K. Al-Enazi, **Alanazi, F.K.**, Mohsen A. Bayomi, The 7th International Saudi Pharmaceutical Conference Page 113, **2007**
4. D. R. Lu , **F. Alanazi** , Z. Fu , New lipoprotein mimics as novel nanoscale DNA vaccine delivery carriers, F10, 2006 FDA Science Forum, A Century of FDA Science: Pioneering the Future of Public Health, April 18-20, 2006, Washington Convention Center
5. Spray-Dried Microparticles of Indomethacin: Impact of Drug-Polymer Ratio and Viscosity of the Polymeric Solution to Enhance Dissolution Rate. **Alanazi, F.K.** El-Badry M. and Alsarra I.A., Presented at the American Association of Pharmaceutical Scientists, 20th Annual Meeting, Nashville, Tennessee USA 2005. The AAPS Journal Vol. 7, No. S2, Abstract W4307 (**2005**)
6. Intracerebral Diffusion of New Cholesterol-Based Anticancer Conjugate in Tumor-Bearing Rat Model. **Alanazi, F** and Lu, D. R. Presented at the American Association of Pharmaceutical Scientists, 19th Annual Meeting, Baltimore, Maryland USA 2004. The AAPS Journal Vol. 6, No. 4, Abstract T3215 (**2004**)
7. Effective Transfection of Plasmid DNA Vaccines Using Artificial Lipoprotein Delivery System. S. Wang, **Alanazi, F**, Lu, D. R. Presented at the American Association of Pharmaceutical Scientists, 19th Annual Meeting, Baltimore, Maryland USA, 2004. The AAPS Journal Vol. 6, No. 4, Abstract W5240 (**2004**)
8. Poly-Peptide Artificial Lipoprotein As A Novel DNA Vaccine Delivery System, **Alanazi, F**, Lu, D. R. Presented at the American Association of Pharmaceutical Scientists, 18th Annual Meeting, Salt Lake city, UT, USA, Maryland USA, 2003. AAPS Pharm.Sci., Vol. 5, No. 4, Abstract W4141 (**2003**)
9. Antitumor Cholesteryl Carborane Esters With Various Fatty Chains: Synthesis, And Formulation, **Alanazi, F**, Hengguang Li, David S Halpern, Svein Øie, Lu, D. R. Presented at the American Association of Pharmaceutical Scientists, 17th Annual Meeting, Toronto, Ontario, Canada 2002. AAPS Pharm Sci, Vol. 4, No. 4, Abstract W4182 (**2002**)
10. Biodistribution of a cholesterol-based anticancer conjugate in the brain. **Alanazi, F**, Lu, D. R. Presented at the American Association of Pharmaceutical Scientists, 16th Annual Meeting, Denver, Colorado USA 2001. AAPS Pharm Sci Vol. 3, No. 3, (**2001**)
11. Cholesterol-Less Liposome for Maximizing the Loading of a New Boron-Cholesterol Conjugate and the Associated Animal Study. **Alanazi, F**, Lu, D. R. Presented at the American Association of Pharmaceutica ientists, 15th Annual Meeting, Indianapolis, IN, USA 2000. AAPS Pharm Sci, Vol. 2, No. 2, Abstract 1970 (**2000**)