

## Fars Kaed Alanazi, Ph.D.

Professor of Pharmaceutics

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### Education:

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| 1999-2003 | <b>Ph.D.</b> 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. <b>Dissertation:</b> "Application of lipoprotein as drug delivery system for anticancer drug and DNA based vaccine" <b>Director:</b> Professor Robert Lu.<br><b>Graduated GPA (Excellent , 4 out of 4 )</b> |
| 1992-1997 | <b>Bachelor Pharmacy (B. Pharm.)</b> , College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia.<br><b>Graduated GPA (Excellent, 4.69 out of 5.0)</b>   |
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### Employment:

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| August 2007- present | <b>Director</b> , Dr. Walid Kayyali Scientific Chair for Pharmaceutical Industry, College of Pharmacy, King Saud University.                                       |
| May 2008-May 2010    | <b>Vice President Assistant for Technology Transfer</b> , Vice President Office for Knowledge Exchange and Technology Transfer, King Saud University, Saudi Arabia |

- February 2006- 2008      **Chairman, Department of Pharmaceutics**, College of Pharmacy, King Saud University, P.O. Box 2457, Riyadh 11451, Saudi Arabia
- Feb 2012- present      **Professor of Pharmaceutics**, Department of Pharmaceutics, College of Pharmacy, KingSaudUniversity, P.O. Box 2457, Riyadh11451, Saudi Arabia
- March 2008- 2012      **Associate Professor of Pharmaceutics**, Department of Pharmaceutics, College of Pharmacy, KingSaudUniversity, P.O. Box 2457, Riyadh11451, Saudi Arabia
- May 2005 – 2006      **Coordinator of King Abdullah Foreign Scholarship Program**, Ministry Of Higher Education, Saudi Arabia
- February 2004- 2008      **Assistant Professor of Pharmaceutics**, Department of Pharmaceutics, College of Pharmacy, KingSaudUniversity, P.O. Box 2457, Riyadh11451, 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:**

Association of University Technology Managers (AUTM)

Saudi Pharmaceutical Society (SPS)

American Association of Pharmaceutical Sciences (AAPS)

The University of Georgia Alumnimember, UGA Athens, Georgia, 30602, USA

**Faculty and Administrative responsibilities:**

<b>2011 –2013</b>	<b>Treasure, Chairman, Marketing and Investment Committee of the Saudi Pharmaceutical Society,</b> College of Pharmacy, King Saud University
<b>2007-2008</b>	<b>Consultant</b> (part time), Aljouf University, Aljouf Provenance, Ministry of Higher education, Kingdom of Saudi Arabia.
<b>2010-2011</b>	<b>Member,</b> Board Committee of Biotechnologically Excellence Center, King Saud University
<b>2007-2009</b>	<b>Member,</b> Executive Committee of Biotechnologically Excellence Center, King Saud University
<b>2007-2008</b>	<b>Member,</b> Blood Product Committee, Saudi Food and Drug Authority, Kingdom of Saudi Arabia
<b>2006-2008</b>	<b>Member,</b> College of Pharmacy Counseling Committee, College of Pharmacy, King Saud University
<b>2005-2007</b>	<b>Consultant,</b> Doctor of Pharmacy Program, King Fahad Medical City, Ministry of Health, Riyadh, Saudi Arabia
<b>2005-2006</b>	<b>Coordinator,</b> Student Admission Assisting Office, United State Scholarship Project, Ministry of Higher Education, Riyadh, Saudi Arabia
<b>2005- 2006</b>	<b>Chairman,</b> Internet committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia
<b>2005- 2006</b>	<b>Member,</b> Organization committee, The Ninth International Pharmaceutical Conference and Exposition Riyadh, Saudi Arabia
<b>2005- 2006</b>	<b>Member,</b> Media committee, The Ninth International Pharmaceutical Conference and Exposition, Riyadh, Saudi Arabia
<b>2004- 2006</b>	<b>Member,</b> Pharmacy Student Training Committee, College of Pharmacy, King Saud University
<b>2004-2007</b>	<b>Member,</b> Doctor of Pharmacy Curriculum Revision Committee, College of Pharmacy, King Saud University
<b>2004- 2007</b>	<b>Coordinator,</b> Design and construct department of pharmaceuticals website, College of Pharmacy, King Saud University

- 2004- 2005**     **Member**, Saudi Pharmaceutical Society-Voting Committee, Saudi Pharmaceutical Society, Riyadh, Saudi Arabia
- 2004- 2008**     **Member**, Master Degree Revision and Evaluation Committee, Department of Pharmaceutics, College of Pharmacy, King Saud University
- 2004- 2008**     **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- 2008**     **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:** Prof. 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 application of nanotechnology and biotechnology in pharmaceutics

**Teaching Expertise:**

- PHT 531:        Drug Targeting (Graduate Course)
- PHT 533:        Drug Delivery Systems (Graduate Course)
- PHT 540:        Drug Delivery Systems (Graduate Course)
- PHT 560:        Seminar 2 (Graduate Course)
- 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: Pharmacy Training-1

PHTR 497: Pharmacy Training-2

PHTR 498: Pharmacy Training-3

### **Graduate Student Supervision:**

	<b>Name of the student</b>	<b>Degree</b>	<b>Title of Thesis</b>	<b>Status</b>
1	Zaid Mohammad AL-Ashban	Master	Preparation of Sustained Release Dextromethorphan Microparticles Using The Spray Drying Technique <b>(2006)</b>	Graduated 2010
2	Amal Yassin Hamed	Master	Formulation and Evaluation of Mucoadhesive System for Nasal Delivetry of Haloperidol <b>(2006)</b>	Graduated 2008
3	EhabMostafaSaad El Zayat	Master	Development and Evaluation of an Oral Sustained Release Liquid Dosage Form <b>(2009)</b>	Graduated 2011
4	Mohammed Fathy	Master	Formulation of in vitro primaquin encapsulated microparticles from human Erythrocytes <b>(2009)</b>	Graduated 2011
5	Ahmid Shaba	Master	Influence of Self-emulsifying drug delivery systems on the solubility and dispersion of poorly water soluble drug <b>(2009)</b>	Graduated 2011
6	WalidSakr	Master	Application of MTR in studying factors affecting the wet massing process and characteristics of the resulting granulation <b>((2011)</b>	Graduated 2011
7	Ayman Katramez	Master	Development Of a Recombinant YeastClone For Production Of Human Interferon Gamma <b>(2009)</b>	Graduated 2011
8	Abdulaziz S. Alanizi	Master	Accuracy of Tablet Splitting: Comparison Study between Hand Splitting and Tablet Cutter <b>(2011)</b>	Graduated 2011
9	Magdi Abdel Hasmid	Ph.D.	Low dose tablets: evaluation, preparation and quality controls <b>(2009)</b>	Graduated 2012
10	M. AmoodALKamarany	Ph.D.	Development of Analytical Methods for Quality Control of Some Pharmaceutical Product	Graduated201 2

# Curriculum Vitae of Professor Fars Alanazi

11	Khalid Al Amri	Master	The effect of self-emulsifying drug delivery systems on the solubilization and dispersion of Acyclovir in aqueous media(2012)	Graduated 2013
12	Iman M. Al-Fagih	Ph.D.	Pulmonary Delivery of Therapeutic Agents using Nanoparticle Carriers for Sustained Release	Graduation on Jun 2015
13	Ahmid Shaba	Ph.D.	Optimization of oral lipid-based formulations for poorly-water soluble drugs	Graduation on 2015
14	Mohammed Fathy	Ph.D.	Development and Evaluation of Taste Masked Delayed Release Orally Disintegrating Tablets	Graduation on 2016
15	EhabMostafaSaad El Zayat	Ph.D.	Development of modified release solid oral dosage forms using various technologies	Graduation on 2015
16	RajehAlmutiri	Master	ApplicationandEvaluation of Chitosan as a Natural Preservativeof in Non-Sterile Pharmaceuticals	Graduation on 2015
17	Hassan Al-Qarni	Master	Design of self emulsifying lipid formulation of risperidone in solid dosage form	Graduation on 2015
18	MansoorAlghazi	Master	The fate of fenofibrate and simvastatin in combined dosage form after digestion of theself-emulsifying drug delivery systems	Graduation on 2015
19	Saeed Abdullah AL-Qahtani	Master	Utilization of erythrocytes and nanogelcarreir as delivery system of statin	Graduation on 2015
20	Fahad Almery	Master	Nanoemulsion for the delivery of Vit D	Graduation on 2015
21	AbdulazizAlswayah	Master	Application of Ghost bacteria	Graduation on 2016
22	Abdullah Yousef	Master	Ghost Bacteria as delivery of 5-FU	Graduation on 2016
23	RiyanAlamry	Master	lipid-based formulations for poorly-water soluble drugs (1)	Graduation on 2016
24	Khalid Alhussani	Master	lipid-based formulations for poorly-water soluble drugs (2)	Graduation on 2016

**Master Thesis Examination Committee:**

1	Lubna Yousef Ashri	Metronidazole Benzoate Buccoadhesive Film for the Treatment of Periodontal Diseases <b>(2007)</b>
2	Kholoud Khalid Salamah	Effect of various protective compounds on the stability of prednisolone in the ophthalmic semi solid dosage forms during sterilization by gamma radiation <b>(2010)</b>

**Awards and Scholarships Grant:**

1. Academic Achievement Award for the outstanding pharmacy student, 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, GraduateSchool, The University of Georgia, Athens, GA, USA. (2003)
4. Grant, "Effect of Cyclodextrines on the Chemical Stability of Some Commonly Used Antibiotics", College of PharmacyResearchCenter, (C.P.R.C. 130) (2004)
5. Grant, "Formulation and Physicochemical Characterization of Buccoadhesive Films Containing Ketorolac", College of PharmacyResearchCenter, (C.P.R.C. 169) (2004)
6. Grant, "Red Blood Cells as Novel Drug Delivery System to Target anticancer drugs to Liver", College of Pharmacy Research Center, (C.P.R.C. 144) (2005)
7. Grant from KingAbdulazizCity for Science and Technology, "The Development of New Drug Delivery System for Diagnosis and Treatment of Colon Cancer "(850 thousands SR.) (2006).

8. 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)
9. Pharmaceutical Technology and Manufacturing Center, Grant by Dr. Walled AlKayyali (6 million SR.) (2007)
10. Biotechnology Research Excellency Center, Grant from Ministry of Higher Education (45 million SR) (2007).
11. Grant, "Improvement of the Oral Bioavailability of Spironolactone by Spray Drying Technique", College of Pharmacy Research Center, (C.P.R.C. 214) (2007).
12. 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).
13. Dr. Waled Alkayyali Award for Scientific research, Saudi Pharmaceutical Society, KSU, (2009).
14. Grant "Erythrocytes as a novel carrier for targeted delivery of the paclitaxel as anticancer drug, Deanship for scientific research "(450 thousands SR.) (2010)
15. Kayyali Chair for Pharmaceutical Industries, Grant by Dr. Walled AlKayyali (10 million SR.) (2013)
16. Grant from King Abdulaziz City for Science and Technology, "Design and Synthesis of Novel Cholesterol-Conjugated 5-Fluorouracil Compounds: Their Loading in nanocarriers as Novel Delivery System for Cancer Treatment "(1million SR.) (2013).
17. KSU Award for the inventors, the office of vice rector for research and graduate studies, KSU, (2011).
18. KSU Award for the best university research, the office of vice rector for research and graduate studies, KSU, (2011).
19. Silver Medal, Malaysia Inventions Summit, Salon International des Inventions, (2011)
20. KSU Award for the best research chair, King Saud University (2012)

21. Silver Medal, Geneva Inventions Summit, Salon International des Inventions, (2014)
22. KSU Award for The Best Inventor for Year 2014, Deanship of Scientific Research, King Saud University (2014).

**Patents:**

1. "Utilization of Dextrose Syrup as Tablet Binder" United States Patent, US 8,647,674 B2, Feb. 11, 2014
2. " Preparation and investigation of acetyl salicylic acid glutamic acid complex: a novel oral drug delivery systems " Application Number 109300287 (11/5/2009), Patent No:2661 (KACST)
3. " Preparation and Investigation of Acetyl salicylic acid-caffeine Complex for Rectal Administration " Patent No:2664 (KACST)
4. "Chitosan derivative, a method for its preparation and its use as an adsorption agent " , European patent, EP 2 540 746 81, 6/3/2013
5. " New triazole compounds as potential anti-inflammatory agents" Europe - Patent Application 11163672.6 - July 6, 2011
6. "A Novel triple suppository of Pomegranate, Alum and myrrh for fast treatment of hemorrhoids" , Saudi patent office, 1/5/2013, (KACST)
7. " New triazole compounds as potential anti-inflammatory agents" , United States Patent, US 8,829,016 B2, Sep. 9, 2014, (KACST)
8. " FevaCandyas novel powder of acetaminophen, ", Saudi patent office, 114350523, 2014, (KACST)
9. " Anti-inflammatory gel containing Myrrah", Saudi patent office, 114350619, 2014, (KACST)
10. " New tablet containing diclofenac with bimodal release", Saudi patent office, 114350618, 2014, (KACST)

**Books:**

1. **Basis of Industrial Pharmacy**, WalidKayyali Scientific Chair for Pharmaceutical Industry, College of Pharmacy, King Saud University (2008).
2. **Biotechnology Transfer in Medicine and Pharmaceutical Sciences:** WalidKayyali Scientific Chair for Pharmaceutical Industry, College of Pharmacy, King Saud University (2010).
3. **Intellectual Property in the Pharmaceutical Industries: Analysis Reading in TRPIS Agreement**, King Saud University (2010).
4. **Chapter in book:** Ibrahim A. Alsarra, Amel Y. Hamed, Fars K. Alanazi, and Gamal M. El Maghraby Vesicular systems for intranasal drug delivery. In: Kewal K. Jain, editor. *Drug Delivery to the Central Nervous System*. Humana Press, Inc.: Totowa, NJ, USA, (2011).
5. **Research Methodology in Pharmaceutical Sciences**, WalidKayyali Scientific Chair for Pharmaceutical Industry, College of Pharmacy, King Saud University. (2011).
6. **Chapter in book: Oral Solid Dosage Form , Chapter 5** , In: Remington: The Science and Practice of Pharmacy, 2012
7. **Basic of Intellectual Property in Pharmaceutical Industries**, King Saud University (In preparation 2014)
8. **Immunoliposome: Handbook and Application**, Deanship of scientific research Scientific King Saud University. (In preparation 2014)
9. **Chapter in book: Nanotechnology from Particle Size Reduction to Enhancing Aqueous Solubility**, *Volume IX: NanoBioMaterials in Drug Delivery* ( In preparation 2014)
10. **Basic of Technology Transfer: King Saud University as Examples:** King Saud University (In preparation 2014)
11. **Book translation to Arabic : Shaping China's Innovation Future University Technology Transfer in Transition**, King Saud University (In preparation 2014)
12. **Nano biotechnology in cellular and subcellular drug delivery**, : King Saud University (In preparation 2014)

**Publications:**

<b>Publication 2015</b>	
1.	Fars K. Alanazia, Nazrul Haqb, Awwad A. Radwana, Ibrahim A. Alsarrab, and Faiyaz Shakeel, Development and Validation of UHPLC–DAD Method for the Determination of Cholesteryl_Hexahydrophthaloyl 5Fluorouracil in Lipid Nanoemulsion, Journal of Analytical Chemistry, 2015, Vol. 70, No. 5, pp. 592–598
2.	
<b>Publication 2014</b>	
1.	Faiyaz Shakeel , Nazrul Haq, Abdullah Al-Dhfyan , Fars K. Alanazi, Ibrahim A. Alsarra, Double w/o/w nanoemulsion of 5-fluorouracil for self-nanoemulsifying drug delivery system, Journal of Molecular Liquids 200 (2014) 183–190
2.	F.K. Alanazi1, N. Haq, A.A. Radwan, I.A. Alsarra, F. Shakeel2 Potential of lipid nanoemulsion for drug delivery, of cholesteryl-hexahydrophthaloyl-5-fluorouracil, J. DRUG DEL. SCI. TECH., 24 (5) 459-463 2014
1.	FaiyazShakeel, NazrulHaq, Mohd Ali, Fars K. Alanazi, Ibrahim A. Alsarra, Impact of various nonionic surfactants on self-nanoemulsificationefficiency of two grades of Capryol (Capryol-90 and Capryol-PGMC) , accepted in Journal of Molecular Liquids
2.	Harisa, Gamaleldin I.; Ibrahim, Mohamed F.; Alanazi, Fars; et al.Engineering erythrocytes as a novel carrier for the targeted delivery of the anticancer drug paclitaxel Saudi Pharmaceutical Journal Volume: 22 Issue: 3 Pages: 223-230
3.	Amro, Amara A.; Salem-Bekhit, Mounir M.; Alanazi, Fars K. Plackett-Burman randomization method for Bacterial Ghosts preparation form E-coli JM109, Saudi Pharmaceutical Journal Volume: 22 Issue: 3 Pages: 273-279
4.	Haq, Nazrul; Shakeel, Faiyaz; Ali, Mohammad, Alanazi, Fars K; et al., An Environmentally Benign Approach For Rapid Analysis Of Indomethacin Using A Stability-Indicating Rp-Hplc Method., Journal Of Liquid Chromatography & RELATED TECHNOLOGIES Volume: 37 Issue: 6 Pages: 878-892
5.	Haq, Nazrul; Alanazi, Fars K.; Alsarra, Ibrahim A.; et al., Potential of Green Nanoemulsions in Removal of Congo Red from Aqueous Solution, Separation Science AndTechnology Volume: 49 Issue: 16 Pages: 2568-2573

6.	Shakeel, Faiyaz; Haq, Nazrul; Alanazi, Fars K.; et al., Self-nanoemulsifying performance of two grades of Lauroglycol (Lauroglycol-90 and Lauroglycol-FCC) in the presence of mixed nonionic surfactants, pharmaceutical development and technology volume: 19 issue: 7 pages: 799-805 published: nov 2014
7.	Radwan, Awwad A.; Alanazi, Fares K, Design and Synthesis of New Cholesterol-Conjugated 5-Fluorouracil: A Novel Potential Delivery System for Cancer Treatment, MOLECULES Volume: 19 Issue: 9 Pages: 13177-13187 Published: SEP 2014
8.	Mohsin, Kazi; Al-Qahtani, Safar; Alanazi, Fars , Rapid And Sensitive Bioanalytical Stability-Indicating Method For Quantification Of Talinolol, A Selective Beta 1 Adrenoceptor Antagonist In Lipid Based Formulations Using Ultrafast Uhpplc Systems, ActaPoloniae PHARMACEUTICA Volume: 71 Issue: 5 Pages: 737-745
9.	Radwan, AA , Ghorab, MM , Alsaid, MS, Alanazi, FK , Novel ethyl 1,5-disubstituted-1H-pyrazole-3-carboxylates as a new class of antimicrobial agents, ACTA PHARMACEUTICA Volume: 64 Issue: 3 Pages: 335-344
10.	Shakeel, Faiyaz; Haq, Nazrul; Alanazi, Fars K.; et a, Thermodynamic modeling for solubility prediction of indomethacin in self-nanoemulsifying drug delivery system (SNEDDS) and its individual components, DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY Volume: 40 Issue: 9 Pages: 1240-124
11.	Shakeel, Faiyaz; Haq, Nazrul; El-Badry, Mahmoud; Alanazi, Fars K, Thermodynamics and solubility of tadalafil in diethylene glycol monoethyl ether plus water co-solvent mixtures at (298.15 to 333.15) K, JOURNAL OF MOLECULAR LIQUIDS Volume: 197 Pages: 334-3
12.	Shakeel, Faiyaz; Alanazi, Fars K.; Alsarra, Ibrahim A.; Thermodynamics-based mathematical model for solubility prediction of glibenclamide in ethanol-water mixtures, PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY Volume: 19 Issue: 6 Pages: 702-707
13.	Shakeel, Faiyaz; Haq, Nazrul; Alanazi, Fars K.; et a, Development of dilutable green nanoemulsions for removal of Eriochrome black T from aqueous solution and optimization by Box-Behnken design, JOURNAL OF MOLECULAR LIQUIDS Volume: 196 Pages: 340-347
14.	Magdi M. Abdel-Hamid and <u>Fars K. Alanazi</u> , Simultaneous Determination of Three QuinolineAntimalarials in Human Plasma Using Ultra-Performance Liquid Chromatography–Tandem Mass Spectrometric (to be Submitted2014)
15.	WalidSakr, <u>Fars Alanazi</u> , Adel Sakr., Application of MTR in studying factors affecting wet massing using Carbopol and

Polyvinylpyrrolidone(to be Submitted 2014).
16. M. ELKarbane , M. AmoodALKamarany , H. Bourichi , I. Marbet , Y. Cherrah , A. Bouklouze and F. K. Alanazi , Effect of Using Different Dissolution Conditions on the Release Profile: USP verses European pharmacopeia and Originator versus generic a comparison study(Submitted 2014)
17. Walid A. Habib, Abdulaziz S. Alanizi , Magdi M. Abdelhamid,Fars K. Alaniz, Accuracy of tablet splitting: Comparison studybetween hand splitting and tablet cutter, Saudi Pharmaceutical Journal (2014) 22, 454–459
<b>2013 publications</b>
18. Mounir M. Salem-Bekhit <sup>1,2</sup> , Mohsen Bayomi <sup>1</sup> , Fares Al-Anazi <sup>1,2</sup> , Hesham Radawan <sup>1</sup> , Yield Production Of Recombinant Plasmid Dna With Escherichia Coli In Fed-Batch Culture By Pseudo-Exponential, Feeding, Pharmaceutical Biotechnology, printed 2013
19. Alanazi Fars, Abdullah Al-Dhfyan. Synthesis, and docking studies of some fused-quinazolines and quinazolines carrying biological active isatin moiety as cell-cycle inhibitors of breast cancer cell lines. Arzneimittelforschung/Drug Research, Printed 2013
20. Sponge-Like: a new protocol for preparing Bacterial Ghosts, Amro A. Amara, Mounir Salem and Fars Alanazi, Accepted Scientific World Journal
21. Awwad A. Radwan and Fars K. Al-Anazi Targeting cancer using cholesterol conjugates, Saudi Pharmaceutical JournalArticle in press
22. Mohamed A. Ibrahim, Fars K. Al-Anazi, , Enhancement of the dissolution of albendazole from pellets using MTR technique, Saudi Pharmaceutical JournalArticle in press
<b>23.</b> FaiyazShakeel , NazrulHaqa,b, Mahmoud El-Badry b, Fars K. Alanazib,c, Ibrahim A. Alsarra, Ultra fine super self-nanoemulsifying drug delivery system (SNEDDS) enhanced solubility and dissolution of indomethacin, Accepted in , Journal of Molecular Liquids
24. FaiyazShakeel, NazrulHaq, Mohd Ali, Fars K. Alanazi, Ibrahim A. Alsarra, Impact of viscosity and refractive index on droplet size and zeta potential of model O/W and W/O nanoemulsion, Current Nanoscience, 2013, 9, a head of print
25. NazrulHaq, Muzaffer Iqbal, Fars K. Alanazi, Ibrahim A. Alsarra, FaiyazShakeel, Applying green analytical chemistry for rapid analysis of drugs: Adding health to pharmaceutical industry, Accepted in : Arabian Journal of Chemistry 2013
26. M. ELKarbane , M. AmoodALKamarany , H. Bourichi , I. Marbet , Y. Cherrah , A. Bouklouze and F. K. Alanazi , Effect of Using Different Dissolution Conditions on the Release Profile: USP verses European pharmacopeia and Originator versus generic a comparison study, submitted 2013

27. Ahmad A. Shahba, Fars K. Alanazi, KaziMohsin*, Magdi Abdel-Hamid, Stability Assessment of Cinnarizine in Selfe-mulsifying Drug Delivery Systems, Lat. Am. J. Pharm. 31 (4): 549-54 (2012)
28. EhabMostafaSaad El-Zayat, Fars K. Alanazi, et al., Investigation of in situ gelling alginate formulations as a sustained release vehicle for co-precipitates of dextromethrophan and Eudragit S 100
<b>2012 publications</b>
29. M. Amood Al-Kamarany , M. El Karbane, M. Belomaria, M. Azougagh, Ph. Hubert, F. Alanazi , Y. Cherrah, And A. Bouklouze, Development and Validation of LC Method for the Diclofenac Sodium Release Determination Using Accuracy Profile Concept, Asian Journal of Chemistry; Vol. 24, No. 10 (2012)
30. NazrulHag, FaiyazShakeel, Fars K. Alanazi, Awwad A. Radwan, Mohammad Ali, Ibrahim A. Alsarra, DEVELOPMENT and Validation of an Isocratic, Sensitive and Facile Rp-Hplc Method for Analysis of Cytotoxic Drug and Stability Studies Under Various Stress Conditions, Expert Opin Drug Deliv. 2012 Aug;9(8):953-74
31. FaiyazShakeel, Sheikh Shafiq, NazrulHag, Fars K. Alanazi and Ibrahim A. Alsarra, Nanoemulsions as potential vehicles for transdermal and dermal delivery of hydrophobic compounds: an overview, submitted 2012
32. Mohammed Amood AL-Kamarany, Miloud EL Karbane, Khadija Ridouan , Fars K. Alanazi Philippe Hubert c, YahiaCherrah, AbdelazizBouklouze, Transfer of drug dissolution testingby statistical approaches: Case study, Saudi Pharmaceutical Journal (2012) 20, 93–101
33. K. Mohsin, F. Alanazi, The fate of paclitaxel during in vitro dispersion testingof different lipid-based formulations, J. DRUG DEL. SCI. TECH., 22 (2) 197-204 2012
34. Mohamed A. Ibrahim, Fars K. Al-Anazi, Pellets as a drug delivery system: Formulation and evaluation aspects, Research and Review in polymers, RRPL, 3(2), 2012 [55-63]
35. Walid F. Sakr, Mohamed A. Ibrahim, Fars K. Alanazi, Adel A. Sakr, Upgrading wet granulation monitoring from hand squeeze test to mixing torque rheometry, Saudi Pharmaceutical Journal (2012) 20, 9–19
36. Hammam A. Mowafy, Fars K. Alanazi, Gamal M. El Maghraby, Development and validation of an HPLC–UV method for the quantification of carbamazepine in rabbit plasma, Saudi Pharmaceutical Journal 20, 29–34(2012)
37. Mounir M. Salem-Bekhit, Y. Jamous, F. Al-Anazi, M. Bayomi Ibrahim Alsarrah1 and M.D. Fathallah. Quality Control of Optimized Hepatitis B Plasmid DNA Vaccine. African Journal of Biotechnology 2012.

38. MM Salem-Bekhit, IMI Moussa, MM Muharram, FK Alanazi, HM Hefni. Prevalence and antimicrobial resistance pattern of multidrug-resistance Enterococci isolated from clinical specimens. Indian Journal of Medical Microbiology 2012
39. Gamal El-din I. Harisa, Fars K. Alanazi. Signal transduction by C-peptide: Effect on intracellular second messengers. Biochemistry: An Indian Journal, Indian Journal of Medical Microbiology, (2012) 30(1): 44-51
40. Magdi M. Abdel Hamid <sup>1</sup> , Mohamed A. Elnabrawi <sup>2</sup> , Fars K. Alanazi <sup>1</sup> , Magdy I. Mohamed <sup>2</sup> , and Adel A. Sakr <sup>1</sup> . Content uniformity testing: suitability of different approaches for marketed low dose tablets, Pharmaceutical Development and Technology, 2012, 1–11
41. Shahba AA, Mohsin K, Alanazi FK., The Studies of Phase Equilibria and Efficiency Assessment for Self-Emulsifying Lipid-Based Formulations <u>AAPS PharmSciTech</u> . 2012 Mar 23
42. Gamal El-din I. Harisa, Mohammed F. Ibrahim, Fars K. Alanazi, Erythrocytes Mediated Delivery of Pravastatin: an In Vitro Study the Effect of Hypotonic Lysis on Some Biochemical Parameters and Loading Efficiency, Archives of Pharmacal Research, August 2012, Volume 35, Issue 8, pp 1431-1439, 2012
43. <u>Fars K. Alanazi</u> , Application of MTR for Enhancing the Dissolution of Albendazole from Pellets, Saudi Pharm J. 2013 Apr;21(2):215-23
44. Gamal El-din I. Harisa, Mohammed F. Ibrahim, <u>Fars K. Alanazi</u> , Development and Validation of UPLC Analytical Method for pravastatin, Asian Journal of Chemistry , 24(2) pp 584-588 (2012)
45. Hammam Mowafy, Fars K. Alanazi , Ibrahim A. Alsarra, Gamal M. El Maghraby, Validated High-Performance Liquid Chromatographic Technique for Determination of Paclitaxel in rabbit plasma: Stability indicating assay. Asian Journal of Chemistry (2012) Vol 24 (8)
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