

Curriculum vitae

Payam Khazaeli

PharmD, PhD of Pharmaceutics, Professor



Personal information

Surname: Khazaeli

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Birth date: Aug 19, 1969

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Department of pharmaceutics

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Research activities & Experiences Dissertation

Pharm.D Thesis: The use of natural polymers in stability of emulsions

Supervised by Dr. Orafai and Dr.Moghbel

PhD Thesis: Kinetic stability study of some drugs in solid state.

Supervised by Dr.Khalili, Dr.Milaninejad

Laboratory Skills

Instrumental analysis (HPLC, IR, UV, Spectrophotometer, Particle size analyzer, DSC, AA)

Controlled release systems (Beads, Vesicles, Microcapsules, Nanospheres)

Cosmetic formulations (Semisolids and coarse dispersions)

Statistical data analysis

Areas of Interest

Basic physicochemical properties of materials

Novel drug delivery systems

Liposome and niosome vesicle technology

Colloidal and Coarse dispersions

Drug stability

Drug Analysis

Teaching & Professional Experiences

1995-Present: Teaching and lecturing in undergraduate Physical pharmacy, Cosmetic science & technology, Pharmaceutics, and Quality control courses

1998 – 2003: Head of pharmaceutics department, Kerman Faculty of Pharmacy

2003- present: Member of academic staff scientific promotion

Oct 2005 - 2008: Deputy of Education, Kerman Faculty of Pharmacy

Jul 2008 –Feb 2012: Dean of Education Development Center, Kerman University of Medical Sciences, Kerman, Iran

2010 – Oct. 2013: Vice Chancellor of Food and Drug, Kerman University of Medical Sciences, Kerman, Iran

2012-present: Teaching and lecturing in postgraduate and PhD courses: Physical pharmacy, Pharmaceutics and Novel drug delivery systems

2016-present: Member of National Board of Biomaterials, Ministry of Health and Medical education. I R Iran.

Professional society membership

- ◆ Iranian Association of Pharmacists
- ◆ Iranian Pharmaceutical Scientists Association
- ◆ Iranian Medical council

Editorial Board of Scientific Journals

1. Journal of kerman university of medical sciences, Kerman, Iran

Guest reviewer

Drug Delivery

DARU Journal of Pharmaceutical Sciences

Research in Pharmaceutical Sciences

Iranian Journal of Pharmaceutical Research

Iranian Journal of Pharmaceutical Sciences

Publications (English)

1. Heidari, M.R., Mehrabani, M., Pardakhty, A., **Khazaeli P**, Zahedi MJ, Yakhchali, M., Vahedian, M. The analgesic effect of *Tribulus terrestris* extract and comparison of gastric ulcerogenicity of the extract with indomethacine in animal experiments. *Annals of the New York Academy of Sciences*. 2007 1095, pp. 418-427.
2. Aali, B.S., **Khazaeli, P.**, Ghasemi, F. Ionized and total magnesium concentration in patients with severe preeclampsia-eclampsia undergoing magnesium sulfate therapy. *Journal of Obstetrics and Gynaecology Research*. 2007 33(2), pp. 138-143 .
3. Aali, S., **Khazaeli, P.**, Ghasemi, F., Mehdizadeh, A. Serum magnesium and calcium ions in patients with severe pre-eclampsia/eclampsia undergoing magnesium sulfate therapy. *Medical Science Monitor*. 2007 13(4), pp. CR191-CR194.
4. **Khazaeli, P.**, Pardakhty, A., Shoorabi, H. Caffeine-loaded niosomes: Characterization and in vitro release studies *Drug Delivery*. 2007 14(7), pp. 447-452.
5. Dehghan Noudeh, G., Moshafi, M.H., **Khazaeli, P.**, Akef, F. Studies on bioemulsifier production by *Bacillus licheniformis* PTCC 1595. *American Journal of Pharmacology and Toxicology*. 2007 2(4), pp. 164-169.
6. Noudeh, G.D., **Khazaeli, P.**, Rahmani, P. Study of the effects of polyethylene glycol sorbitan esters surfactants group on biological membranes. *International Journal of Pharmacology*. 2008 4(1), pp. 27-33.
7. **Khazaeli, P.**, Pardakhty, A., Hassanzadeh, F. Formulation of ibuprofen beads by ionotropic gelation. *Iranian Journal of Pharmaceutical Research*. 2008 7(3), pp. 163-170.
8. Pournourmohammadi, S., **Khazaeli, P.**, Eslamizad, S., Tajvar A., Mohammadirad, A., Abdollahi, M. Study on the oxidative stress status among cement plant workers Human and Experimental Toxicology. 2008 27(6), pp. 463-469.
9. Poureslami, H.R., **Khazaeli, P.**, Noori, G.R. Fluoride in food and water consumed in Koohbanan (Kuh-e Banan), Iran. *Fluoride* 2008 41(3), pp. 216-219.
10. **Khazaeli, P.**, Mehrabani, M. Screening of sun protective activity of the ethyl acetate extracts of some medicinal plants. *Iranian Journal of Pharmaceutical Research* 2008 7(1), pp. 5-9.
11. Aghaee-Afshar, M., **Khazaeli, P.**, Behnam, B., Rezazadehkermani, M., Ashraf-Ganjooei, N. Presence of lead in opium. *Archives of Iranian Medicine* 2008 11(5), pp. 553-554.
12. Noudeh, G.D., **Khazaeli, P.**, Mirzaei, S., Sharififar, F., Nasrollahosaiani, S. Determination of the toxicity effect of sorbitan esters surfactants group on biological membrane. *Journal of Biological Sciences* 2009 9(5), pp. 423-430.

13. **Khazaeli, P.**, Goldoozian, R., Sharififar, F. An evaluation of extracts of five traditional medicinal plants from Iran on the inhibition of mushroom tyrosinase activity and scavenging of free radicals. *International Journal of Cosmetic Science* 2009 31(5), pp. 375-381.
14. Sharififar F., **Khazaeli P.**, Alii N. In Vivo Evaluation of Anti-inflammatory Activity of Topical Preparations from Fenugreek in a cream base. *Iranian Journal of Pharmaceutical Sciences*. 2009: 5(3): 157-162.
15. Poureslami, H.R., **Khazaeli P.** Fluoride intake and urinary excretion in pre-school children residing in Koohbanan, Iran, a city with high fluoride water and food. *Fluoride* 2010 43(1), pp. 67-70.
16. Noudeh GD, Moshafi MH, **Khazaeli P.**, Akef F. Studies on bioemulsifier production by *Bacillus licheniformis* PTCC 1595. *African Journal of Biotechnology* 2010 9(3), pp. 352-356.
17. Honary, S., Ghajar, K., **Khazaeli, P.**, Shalchian, P. Preparation ,characterization and antibacterial properties of silver-chitosan nanocomposites using different molecular weight grades of chitosan .*Tropical Journal of Pharmaceutical Research* 2011, 10(1), pp. 69-74.
18. Noudeh, G.D., **Khazaeli, P.**, Behravan, E., Afzadi M., Dehghan-Noudeh, A., Hassani, M.. Evaluating the toxicity of permeability enhancers of polyethylene glycol Brij ethers surfactants group on cellular membranes and some of their physicochemical properties. *African Journal of Biotechnology* 2011 10(48), pp. 9931-9938.
19. **Khazaeli, P.**, Sharififar, F., Amiri, F., Heravi, G. Evaluation of moisturizing effect of methanolic extract of five medicinal plants incorporated into cream bases using impedance and extensimetry methods. *Journal of Drugs in Dermatology* 2011 10(10), pp. 1116-1121.
20. Noudeh, G.D., Sharififar, F., **Khazaeli, P.**, Mohajeri, E., Jahanbakhsh, J. Formulation of herbal conditioner shampoo by using extract of fenugreek seeds and evaluation of its physicochemical parameters. *African Journal of Pharmacy and Pharmacology* 2011 5(22), pp. 2420-2427.
21. Sepehri G., **Khazaeli P.**, Arabpour Dahooie F., Sepehri E., Dehghani M. R. Prevalence of Potential Drug Interactions in an Iranian General Hospital. *Indian J Pharm Sci.* 2012 74(1): 75–79.
22. Sharififar F, **Khazaeli P.**, Alli N., Talebian E., Zarehshahi R, Amiri S. Study of antinociceptive and anti-inflammatory activities of certain Iranian medicinal plants. *J Intercult Ethnopharmacol.* 2012 1(1): 19-24.
23. Dini, A., **Khazaeli, P.**, Roohbakhsh, A., Maddadlou A., Pournamdari M., Sotodeh L., Askarian M., Doraki N., Farrokhi H., Moradi, H., Khodadadi, E. Aflatoxin contamination level in Iran's pistachio nut during years 2009-2011. *Food Control* 2013 30(2), pp. 540-544.

24. Poureslami, H.R., **Khazaeli, P.**, Faryabi, A., Mahvi, A.H. Fluoride levels and dental fluorosis in deciduous teeth of students residing in Koohbanan, Iran, A city with high-fluoride water and food. *Fluoride* 2013 46(4), pp. 224-229.
25. **Khazaeli, P.**, Sharifi, I., Talebian, E., Heravi G., Moazeni, E., Mostafavi, M. Anti-leishmanial effect of itraconazole niosome on in vitro susceptibility of *Leishmania tropica* *Environmental Toxicology and Pharmacology*. 2014 38(1), pp. 205-211.
26. **Khazaeli, P.**, Karamuzian, M., Rohani, S., Sadeghirad, B., Ghalekhani, N. Effects of minoxidil gel on burn wound healing in rats *Iranian Journal of Pharmaceutical Research*. 2014 13(1), pp. 243-251.
27. **Khazaeli P.**, Lari Najafi M., Alizadeh Bahaabadi Gh., Shakeri F., Naghibzadeh Tahami A. Evaluation of Aflatoxin Contamination in Raw and Roasted Nuts in Consumed Kerman and Effect of Roasting, Packaging and Storage Conditions. *Life Science Journal* 2014;10(8s).
28. Ameri, A., Shakibaie, M., Amirpour-Rostami, S., Adeli M., **Khazaeli P.**, Rahmani, H., Forootanfar, H. Partial Purification and Characterization of a Thermoalkalophilic Lipase Originated from *Bacillus atrophaeus* FSHM2 and its Application for Ester Synthesis. *Biotechnology* 2015 14(4), pp. 154-164.
29. Amanatfard A., **Khazaeli P.**, Pardakhty A, Lari Najafi M., Mohammadi A.. Preparation and characterization of physicochemical properties of N, N-diethyl-metoluamide niosomes. *Int J Pharm Investig*. 2015 5(4): 259–265.
30. Mohammadi M., Zahedi M J, Nikpoor A., Nazem M., **Khazaeli P.**, Hayatbakhsh M. Determination of Vitamin D Serum Levels and Status of the C3435T Polymorphism of Multidrug Resistance 1 Gene in Southeastern Iranian Patients with Ulcerative Colitis. *Middle East J Dig Dis*. 2015 7(4): 245–252.
31. Jahanimoghadam, F., Poureslami, H., Shamsaddin, H., Horri A., **Khazaeli, P.**, Mahvi, A.H. Effect of Er:YAG laser on sodium fluoride varnish uptake by primary tooth enamel: An in-vitro study. *Fluoride* 2016 49(4), pp. 538-548.
32. Aflatoonian, M., Fekri, A., Rahnama, Z., Khalili M., Pardakhty A., **Khazaeli, P.**, Bahadini, K. The efficacy of combined topical niosomal dapsone gel and intralesional injection of meglumine antimoniate in comparison with intralesional meglumine antimoniate and cryotherapy in the treatment of cutaneous leishmaniasis. *Journal of Pakistan Association of Dermatologists*. 2016 26(4), pp. 353-360.
33. Poureslami, H., **Khazaeli, P.**, Mahvi, A.H., Poureslami K., Poureslami P., Haghani, J., Aghaei, M. Fluoride level in the breast milk in Koohbanan, a city with endemic dental fluorosis. *Fluoride* 2016 49(4), pp. 485-494.
34. Mofid, B., Soltani, Z., Khaksari, M., Shahrokhi N., Nakhaee N., Karamozian S., Ahmadinejad M., Maiel, M., **Khazaeli, P.** What are the progesterone-induced changes of the outcome and the serum markers of injury, oxidant activity and inflammation in

diffuse axonal injury patients? International Immunopharmacology 2016 32, pp. 103-110.

35. Zardosht M., Dastoorpoor M., Bani Hashemi F., Estebarsari F., Jamshidi E., Abbasi-Ghahramanloo A., **Khazaeli P.** Prevalence and Causes of Self Medication among medical students of Kerman University of Medical Sciences, Kerman, Iran. 2016 Global Journal of Health Science; 8, 11, 150-159.

36. Mahdian, F., Mansouri, S., **Khazaeli, P.**, Mirzaei, R. The effect of tobramycin incorporated with bismuth-ethanedithiol loaded on niosomes on the quorum sensing and biofilm formation of *Pseudomonas aeruginosa*. Microbial Pathogenesis 2017 107, pp. 129-135.

37. Poureslami, H., Hoseinifar, R., **Khazaeli P.**, Hoseinifar R., Sharifi, E., Poureslami P. Changes in the Concentration of Ions in Saliva and Dental Plaque after Application of CPP-ACP with and without Fluoride among 6-9 Year Old Children. J Dent Biomater. 2017 4(1): 361-366.

38. **Khazaeli P.**, Mehrabani M., Heidari MR., Asadi Karam Gh., Lari Najafi M. Prevalence of Aflatoxin Contamination in Herbs and Spices in Different Regions of Iran. Iran J Public Health, 2017, 46(11):1540-1545.

39. **Khazaeli P.**, Mehrabani M., Heidari MR., Asadi Karam Gh., Lari Najafi M. Evaluation of the effect of microwave on reduction of aflatoxin concentrations in contaminated red pepper powder. Journal of Food Safety and Food Quality (Archiv für Lebensmittelhygiene), 2017, 68(6):125-146.

40. **Khazaeli P.**, Heidari M.R., Mehrabani M., Asadikaram Gh., Dehghani M.R., Lari Najafi M. Evaluation of the effect of Heating on reduction of aflatoxin concentrations in contaminated red pepper powder. Investigación clínica, Invest Clin, 2017, 58(2): 248 – 255.

41. Arjmand S., Pardakhty A., Frootanfar H., **Khazaeli P.**, A road to bring Brij52 back to attention: Shear stress sensitive Brij52 niosomal carriers for targeted drug delivery to obstructed blood vessels. Medical Hypothesis, 2018, 121:137-141.

42. **Khazaeli P.**, Mehrabani M., Mosadegh A., Bios S., Zareshahi R., Moshafi MH, Identification of Luteolin in Henna (*Lawsonia inermis*) Oil, a Persian Medicine Product, by HPTLC and Evaluating Its Antimicrobial Effects. Research Journal of Pharmacognosy, 2019, 6(1): 51-55.

Publications (Persian):

1. **Khazaeli P.**, Keramati M. Non Aqueous Titration for the Determination of Azelaic Acid: Introduction and Method Validation. Journal of Kerman University of Medical Sciences, 2004; 11(3): 155-162.

2. **Khazaeli P.**, Ansari M., Saryazdi S., Amin B., Formulation of Erytromycine and Tretinoin in a Topical Gel Base. Journal of Kerman University of Medical Sciences, 2004; 11(3): 178-187.
3. **Khazaeli P.**, Ajilchi H., Formulation and physicochemical evaluation of Diphenhydramine mucoadhesive paste. Ahvaz Sci Med J. 2006 4 341-52.
4. **Khazaeli P.**, Chamani Gh., Mehrabani M., Mohmmadi N. Formulation and clinical evaluation of Murd (*Myrtus sp.*) extract in a mucoadhesive paste. J Dent. School of SBUMS. 2006 23 429-37.
5. Poureslami H., **Khazaeli P.**, Masoodpoor H., Fluoride Content of Drinking Waters in Kerman/Iran. Journal of Kerman University of Medical Sciences. 2008; 15(3): 235-242
6. Shojaeepour R., **Khazaeli P.**, Mahmoodi T. Adsorption rate of Iron onto primary incisor teeth following the application of three Iron drops. Journal of Kerman University of Medical Sciences, 2010; 17(1): 42-48.
7. Hagh doost A.A., Shoghi F., Momtazmanesh N., Changiz T. Mohammadi A., **Khazaeli P.**, Dehghani MR., Hamzeh B., et al ,Ranking of Universities of Medical Sciences based on their educational activities: Setting Indicators Teb Va Tazkieh 2010 76, 65-72.
8. Poureslami H., **Khazaeli P.**, Sajadi F., Hassanzadeh R. Comparison of Fluoride Uptake into Enamel from Sodium Fluoride Gel 0.05% Produced in Iran and Stannous Fluoride 0.4% Gel. Journal of Kerman University of Medical Sciences, 2012; 19(2): 140-148.
9. Adhami A., Hagh dost A. A., **Khazaeli P.**, Afzali M., Internal Consistency of Academic Scores as an Index of the Validity of Course Exams: a study in Faculty of Pharmacy, Kerman University of Medical Sciences. Strides in Development of Medical Education. Journal of Medical Education Development Center. 2012; 9(1):58-64.
10. Dehghani, MR., Azizi F., Hagh doost A.A., Nakhaee N., **Khazaeli P.**, Ravangard Z. Situation Analysis of Social Accountability Medical Education in University of Medical Sciences and Innovative Point of View of Clinical Faculty Members towards its Promotion Using Strengths, Weaknesses, Opportunities, and Threats (SWOT) Analysis Model. Strides in Development of Medical Education. Journal of Medical Education Development Center. 2014; 10(4):403 -412.
11. Momeni E., Navabi, N., Ayatollahi Mosavi A., **Khazaeli P.**, Pardakhty A. Comparison of antifungal effects of an experimental fluconazole mouthwash and nystatine mouthwash: An in vitro study. J Isfahan Dent Sch 2013; 9(3): 207-15.

12. Fekri A., Rahnama Z, Khalili M., Pardakhty A., **Khazaeli P.**, Bahaadin K. The efficacy of Co-administration of topical niosomal dapsone gel and intralesional injection of glucantime in Cutaneous Leishmaniasis in comparison with cryotherapy plus intralesional injection of Glucantime. Journal of Kerman University of Medical Sciences, 2014; 22(2): 117-132.
13. Eskandarizadeh A., Torabi M., Karimiafshar R., **Khazaeli P.**, The comparison of solubility and release of fluoride from Esthetic Restorative materials in water and acid: An in vitro study. Journal of Kerman University of Medical Sciences, 2015; 22(3): 269-279.