

Curriculum Vitae of Prof. Jaleh Varshosaz

Personal Information

First Name: Jaleh
Last Name: Varshosaz
Gender: Female
Nationality: Iranian
Language: Persian, English
Marital status: Married
Tel: 00983137927110
Email: varahosaz@pharm.mui.ac.ir

Educations

1. Diploma in Experimental Sciences , Tehran, Iran (1980)
2. Doctorate of Pharmacy (Pharm D), Isfahan University of Medical Sciences, Iran (1983-1989)
3. Doctorate of Pharmaceutics (PhD), Isfahan University of Medical Sciences, Iran (1989-1995)
4. Post Doc, Visiting Scholar, Sydney University, Australia (1995-1996)

Academic Promotion Degrees

1. Assistant Professor: (1996-2005)
2. Associated Professor (2005-2009)
3. Professor (2009-so far)

Publications

1. H Vakilzadeh, J Varshosaz, M Dinari, M Mirian, V Hajhashemi, ...**Smart redox-sensitive micelles based on chitosan for dasatinib delivery in suppressing inflammatory diseases.** International Journal of Biological Macromolecules. 2023,
2. M Mandegari, L Ghasemi-Mobarakeh, J Varshosaz. **Fabrication and Characterization of a Novel Wound Dressing with Clindamycin Loaded PVA Nanoparticles for Acne Treatment.** Fibers and Polymers 2022, 23 (12), 3369-3379
3. M Tavakoli, M Mirhaj, S Salehi, J Varshosaz, S Labbaf, A Golshirazi, ...**Coaxial electrospun angiogenic nanofiber wound dressing containing**

- advanced platelet rich-fibrin.** International Journal of Biological Macromolecules 222, 1605-1618
4. F Rafiemanzelat, S Tafazoli, AA Hairi, J Varshosaz, M Mirian, ...**Peptide-based pegylated polyurethane nanoparticles for paclitaxel delivery in HeLa cancer cells: the art of the architecture design in nanocarriers.** Polymer Bulletin, 2022, 1-39.
 5. P Dehghani, A Akbari, M Saadatkish, J Varshosaz, M Kouhi, M Bodaghi. **Acceleration of wound healing in rats by modified lignocellulose based sponge containing pentoxifylline loaded lecithin/chitosan nanoparticles.** Gels 2022, 8 (10), 658
 6. M Alemomen, S Taymouri, S Saberi, J Varshosaz. **Preparation, optimization, and in vitro–in vivo evaluation of sorafenib-loaded polycaprolactone and cellulose acetate nanofibers for the treatment of cutaneous leishmaniasis.** Drug Delivery and Translational Research, 2022, 1-21
 7. N Rasouli, D Shahbazi-Gahrouei, S Hematti, B Baradaran, R Salehi, J Varshosaz. **Assessment of Oxaliplatin-Loaded Iodine Nanoparticles for Chemoradiotherapy of Human Colorectal Cancer (HT-29) Cells.** Polymers 2022, 14 (19), 4131
 8. M Mirhaj, S Salehi, M Tavakoli, J Varshosaz, S Labbaf, SAM Abadi, ...**Comparison of physical, mechanical and biological effects of leucocyte-PRF and advanced-PRF on polyacrylamide nanofiber wound dressings: In vitro and in vivo evaluations.** Biomaterials Advances 2022, 141, 213082
 9. S Shirani, J Varshosaz, M Rostami, M Mirian. **Redox responsive polymeric micelles of gellan gum/abietic acid for targeted delivery of ribociclib.** International Journal of Biological Macromolecules 215, 334-345
 10. M Varzandeh, S Labbaf, J Varshosaz, S Laurent. **An overview of the intracellular localization of high-Z nanoradiosensitizers.** Progress in Biophysics and Molecular Biology. 2022
 11. M Hodaei, J Varshosaz. **Cationic Okra gum coated nanoliposomes as a pH-sensitive carrier for co-delivery of hesperetin and oxaliplatin in colorectal cancers.** Pharmaceutical Development and Technology 2022, 27 (7), 773-784
 12. M Ramezani-Aliakbari, J Varshosaz, M Mirian, G Khodarahmi, M Rostami. **pH-responsive glucosamine anchored polydopamine coated mesoporous silica nanoparticles for delivery of Anderson-type polyoxomolybdate in breast cancer.** Journal of Microencapsulation 2022, 39 (5), 433-451
 13. M Moradi, M Aliomrani, S Tangestaninejad, J Varshosaz, H Kazemian, ...**Hyaluronic acid targeted metal organic framework based on iron (III) for delivery of platinum curcumin cytotoxic agent to triple negative breast cancer cell line.** Applied Organometallic Chemistry 2022, 36 (7), e6755
 14. L Dayani, MS Dinani, M Aliomrani, H Hashempour, J Varshosaz, A Taheri. **Immunomodulatory Effects of Cyclotides Isolated from Viola odorata in an Experimental Autoimmune Encephalomyelitis Animal Model of Multiple Sclerosis.** Multiple Sclerosis and Related Disorders, 2022, 103958
 15. S Ahmadipour, J Varshosaz, B Hashemibeni, M Manshaei, L Safaeian. **In vivo assessment of bone repair by an injectable nanocomposite scaffold for local co-delivery of autologous platelet-rich plasma and calcitonin in rat model.** Drug Development and Industrial Pharmacy, 2022, 1-33
 16. M Bashash, M Varidi, J Varshosaz. **Composite hydrogel-embedded sucrose stearate niosomes: Unique curcumin delivery system.** Food and Bioprocess Technology. 2022, 15 (9), 2020-2034

17. A Shirvani, SAH Goli, J Varshosaz, L Salvia-Trujillo, O Martín-Belloso. **Fabrication of edible solid lipid nanoparticle from beeswax/propolis wax by spontaneous emulsification: Optimization, characterization and stability.** *Food Chemistry* 2022, 387, 132934
18. M Mirhaj, M Tavakoli, J Varshosaz, S Labbaf, S Salehi, A Talebi, N Kazemi, V Haghghi, M Alizadeh, **Preparation of a biomimetic bi-layer chitosan wound dressing composed of A-PRF/sponge layer and L-arginine/nanofiber.** *Carbohydrate Polymers*, 2022, 119648
19. L Sayed-Tabatabaei, J Varshosaz, SH Javanmard, S Soghrati. **Camouflaged liposomes by 11A4-nanobody for co-delivery of cisplatin and nitroxoline in breast cancer tumors: An in vitro/in vivo study.** *Journal of Drug Delivery Science and Technology* 71, 103273
20. Z Shakeran, J Varshosaz, M Keyhanfar, H Mohammad-Beigi, K Rahimi, **Co-delivery of STAT3 siRNA and methotrexate in breast cancer cells.** *Artificial Cells, Nanomedicine, and Biotechnology* 2022; 50 (1), 29-39
21. M Falakflaki, J Varshosaz, M Mirian. **Local delivery of usnic acid loaded Rhamnolipid vesicles by gelatin/tragacanth gum/montmorillonite/vanillin cryogel scaffold for expression of osteogenic biomarkers and...** *Journal of Drug Delivery Science and Technology* 2022; 69, 103147
22. A Shirvani, SAH Goli, J Varshosaz, A Sedaghat Doost. **Cinnamaldehyde encapsulation within new natural wax-based nanoparticles; formation, optimization and characterization.** *Journal of Dispersion Science and Technology*, 2022; 1-12
23. SZ Mirdamadian, J Varshosaz, M Minaiyan, A Taheri. **3D printed tablets containing oxaliplatin loaded alginate nanoparticles for colon cancer targeted delivery. An in vitro/in vivo study.** *International Journal of Biological Macromolecules*. 2022.
24. M Bashash, M Varidi, J Varshosaz. **Sucrose stearate based niosomes as an alternative to ordinary vehicles for efficient curcumin delivery.** *Journal of Food Measurement and Characterization*, 2022; 16 (3), 2104-2118
25. M Tavakoli, M Mirhaj, S Labbaf, J Varshosaz, S Taymori, F Jafarpour, **Fabrication and evaluation of Cs/PVP sponge containing platelet-rich fibrin as a wound healing accelerator: An in vitro and in vivo study.** *International Journal of Biological Macromolecules* 2022.
26. ZS Sajadi-Javan, J Varshosaz, M Mirian, M Manshaei, A Aminzadeh. **Thermo-responsive hydrogels based on methylcellulose/Persian gum loaded with taxifolin enhance bone regeneration: an in vitro/in vivo study.** *Cellulose*, 2022; 1-21
27. P Heydari, M Kharaziha, J Varshosaz, SH Javanmard. **Current knowledge of immunomodulation strategies for chronic skin wound repair.** *Journal of Biomedical Materials Research Part B: Applied Biomaterials* 2022; 110 (2): 265-288.
28. M Soleimanbeigi, F Dousti, F Hassanzadeh, M Mirian, J Varshosaz, **Boron Phenyl Alanine Targeted Chitosan-PNIPAAm Core-Shell Thermo-Responsive Nanoparticles; Boosting Drug Delivery to Glioblastoma in BNCT.** *Drug Development and Industrial Pharmacy*, 2022; 1-37
29. N Shamaeizadeh, J Varshosaz, M Mirian, M Aliomrani. **Glutathione targeted tragacanthic acid-chitosan as a non-viral vector for brain delivery of miRNA-219a-5P: An in vitro/in vivo study.** *International Journal of Biological Macromolecules*; 2022

30. M Bashash, M Varidi, J Varshosaz. **Ultrasound-triggered transglutaminase-catalyzed egg white-bovine gelatin composite hydrogel: Physicochemical and rheological studies.** Innovative Food Science & Emerging Technologies, 2022;102936
31. J Varshosaz, ZS Sajadi-Javan, M Kouhi, M Mirian. **Effect of bassorin (derived from gum tragacanth) and halloysite nanotubes on physicochemical properties and the osteoconductivity of methylcellulose-based injectable hydrogels.** International Journal of Biological Macromolecules 2021; 192, 869-882
32. M Mirhaj, M Tavakoli, J Varshosaz, S Labbaf, F Jafarpour, P Ahmadiabar, **Platelet rich fibrin containing nanofibrous dressing for wound healing application: Fabrication, characterization and biological evaluations.** Materials Science and Engineering: C, 2021; 112541
33. Z Malekpour, V Akbari, J Varshosaz, A Taheri. **Preparation and characterization of poly (lactic-co-glycolic acid) nanofibers containing simvastatin coated with hyaluronic acid for using in periodontal tissue engineering.** Biotechnology Progress 2021; 37 (6), e3195
34. S Taymouri, S Hashemi, J Varshosaz, M Minaiyan, A Talebi. **Fabrication and evaluation of hesperidin loaded polyacrylonitrile/polyethylene oxide nanofibers for wound dressing application.** Journal of Biomaterials Science, Polymer Edition 2021;32 (15), 1944-1965
35. R Pakzadeh, SAH Goli, M Abdollahi, J Varshosaz. **Formulation optimization and impact of environmental and storage conditions on physicochemical stability of pistachio milk.** Journal of Food Measurement and Characterization 2021;15 (5), 4037-4050
36. M Hadjianfar, D Semnani, J Varshosaz, S Mohammadi, S Pedram, **5FU-loaded PCL/Chitosan/Fe₃O₄ core-shell nanofibers structure: an approach to multi-mode anticancer system.** Advanced Pharmaceutical Bulletin 2021
37. M Ramezani-Aliakbari, A Soltanabadi, H Sadeghi-aliabadi, J Varshosaz, **Eudesmic acid-polyoxomolybdate organo-conjugate as novel anticancer agent.** Journal of Molecular Structure 2021;1240, 130612
38. S Taymouri, S Shahnamnia, A Mesripour, J Varshosaz. ***In vitro* and *in vivo* evaluation of an ionic sensitive *in situ* gel containing nanotransfersomes for aripiprazole nasal delivery.** Pharmaceutical Development and Technology 2021;26 (8), 867-879
39. A Moghanizadeh, F Ashrafizadeh, J Varshosaz, **A Ferreira Study the effect of static magnetic field intensity on drug delivery by magnetic nanoparticles.** Scientific Reports 2021; 11 (1), 1-13
40. R Meamar, S Chegini, J Varshosaz, A Aminorroaya, M Amini, M Siavosh. **Alleviating neuropathy of diabetic foot ulcer by co-delivery of venlafaxine and matrix metalloproteinase drug-loaded cellulose nanofiber sheets: production, *in vitro* ...** Pharmacological Reports 2021;73 (3), 806-819
41. SM Sahafi, SAH Goli, M Kadivar, J Varshosaz, A Shirvani. **Pomegranate seed oil nanoemulsion enriched by α -tocopherol; the effect of environmental stresses and long-term storage on its physicochemical properties and oxidation stability.** Food Chemistry 2021;345, 128759
42. F Borzouee, J Varshosaz, RA Cohan, D Norouzian, RT Pirposhteh. **A Comparative Analysis of Different Enzyme Immobilization Nanomaterials: Progress, Constraints and Recent Trends.** Current Medicinal Chemistry 2021; 28 (20), 3980-4003

43. M Ramezani-Aliakbari, J Varshosaz, H Sadeghi-Aliabadi, F Hassanzadeh, **Biotin-targeted nanomicellar formulation of an anderson-type polyoxomolybdate: synthesis and in vitro cytotoxicity evaluations.** *Langmuir* 2021;37 (21), 6475-6489.
44. H Torabi, M Mehdikhani, J Varshosaz, F Shafiee. **An innovative approach to fabricate a thermosensitive melatonin-loaded conductive pluronic/chitosan hydrogel for myocardial tissue engineering.** *Journal of Applied Polymer Science* 2021; 138 (18), app50327
45. A Taheri, A Rad, E Sadeghi, J Varshosaz. **Comparison of Efficacy and Peripheral Neuropathy of Solvent-based Paclitaxel with Paclitaxel Poliglumex and NK105: A Systematic Review and Metaanalysis.** *Current Pharmaceutical Design* 2021;27 (17), 2041-2055
46. M Rezazadeh, V Akbari, J Varshosaz, P Karbasizadeh, M Minaiyan. **Sustained-release of erythropoietin using a novel injectable thermosensitive hydrogel: in vitro studies, biological activity, and efficacy in rats.** *Pharmaceutical Development and Technology* 2021; 26 (4), 412-421
47. A Shirvani, A Goli, J Varshosaz. **Investigation of Lipidic Solid Nanoparticles from Propolis and Bees Waxes produced by Antisolvent Precipitation Method.** *Journal of food science and technology (Iran)* 2021; 18 (111), 79-88
48. H Aghaei, ARS Nazar, J Varshosaz. **Double flow focusing microfluidic-assisted based preparation of methotrexate-loaded liposomal nanoparticles: Encapsulation efficacy, drug release and stability.** *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 2021;614, 126166
49. A Moghanizadeh, F Ashrafizadeh, J Varshosaz, M Kharaziha, A Ferreira. **Noninvasive thrombectomy of graft by nano-magnetic ablating particles.** *Scientific Reports* 2021;11 (1), 1-13.
50. M Ahmadi, M Mehdikhani, J Varshosaz, S Farsaei, H Torabi. **Pharmaceutical evaluation of atorvastatin-loaded nanostructured lipid carriers incorporated into the gelatin/hyaluronic acid/polycaprolactone scaffold for the skin tissue engineering.** *Journal of Biomaterials Applications* 2021;35 (8), 958-977
51. H Vakilzadeh, J Varshosaz, S Soghrati. **Enhanced Solubility and Permeability of Naringenin across Non-Everted Sacs of Rat Small Intestine by Lipid Nanocapsules.** *Recent Patents on Nanotechnology* 2021;15 (1), 55-69
52. S Ahmadipour, J Varshosaz, B Hashemibeni, L Safaeian, M Manshaei, **Calcitonin-loaded octamaleimic acid-silsesquioxane nanoparticles in hydrogel scaffold support osteoinductivity in bone regeneration.** *Pharmaceutical Development and Technology* 2021;26 (2), 220-232
53. J Varshosaz, Z Choopannejad, M Minaiyan, AZ Kharazi. **Rapid hemostasis by nanofibers of polyhydroxyethyl methacrylate/polyglycerol sebacic acid: An in vitro / in vivo study.** *Journal of Applied Polymer Science* 2021;138 (5), 49785
54. F Heshmatnezhad, ARS Nazar, H Aghaei, J Varshosaz. **Production of doxorubicin-loaded PCL nanoparticles through a flow-focusing microfluidic device: encapsulation efficacy and drug release.** *Soft Matter* 2021;17 (47), 10675-10682
55. B Abtahi-Naeini, S Hadian, F Sokhanvari, A Hariri, J Varshosaz . **Effect of Adjunctive Topical Liposomal Azithromycin on Systemic Azithromycin on**

- Old World Cutaneous Leishmaniasis: A Pilot Clinical Study.** Iranian Journal of Pharmaceutical Research: IJPR 2021;20 (2), 383
56. F Borzouee, J Varshosaz, RA Cohan, D Norouzian, RT Pirposhteh. **COVID-19 Vaccine Race: Analysis of Age-Dependent Immune Responses against SARS-coV-2 indicates that more than one strategy may be needed.** CURRENT MEDICINAL CHEMISTRY 2021;28 (20), 3980-4003
 57. Z Shakeran, M Keyhanfar, J Varshosaz, DS Sutherland. **Biodegradable nanocarriers based on chitosan-modified mesoporous silica nanoparticles for delivery of methotrexate for application in breast cancer treatment.** Materials Science and Engineering: C 2021;118, 111526
 58. SP Chegini, J Varshosaz, HM Sadeghi, A Dehghani, M Minaiyan. **Shear sensitive injectable hydrogels of cross-linked tragacanthic acid for ocular drug delivery: Rheological and biological evaluation.** International Journal of Biological Macromolecules 2020;165, 2789-2804
 59. Z Faraji, J Shakarami, J Varshosaz, S Jafari. **Encapsulation of essential oils of Mentha pulegium and Ferula gummosa using nanoliposome technology as a safe botanical pesticide.** Journal of Applied Biotechnology Reports 2020; 7 (4), 237-242
 60. J Varshosaz, S Fardshouraki, M Mirian, L Safaeian, S Jandaghian, Somayeh Taymouri. **Encapsulation of Imatinib in Targeted KIT-5 Nanoparticles for Reducing its Cardiotoxicity and Hepatotoxicity.** Anti-Cancer Agents in Medicinal Chemistry 2020;20(16): 1966-1980
 61. N Keikhosravi, SZ Mirdamadian, J Varshosaz, A Taheri. **Preparation and characterization of polypills containing aspirin and simvastatin using 3D printing technology for the prevention of cardiovascular diseases.** Drug Development and Industrial Pharmacy 2020;46 (10), 1665-1675
 62. M Falak, M Mehdikhani, J Varshosaz, B Hashemibeni, **Fabrication and evaluation of spironolactone-loaded nanostructured lipid carries for cardiac tissue regeneration.** Journal of Medical Signals and Sensors 2020; 10 (4), 260
 63. S Amanat, S Taymouri, J Varshosaz, M Minaiyan, A Talebi. **Carboxymethyl cellulose-based wafer enriched with resveratrol-loaded nanoparticles for enhanced wound healing.** Drug Delivery and Translational Research 2020;10 (5), 1241-1254
 64. N Satari, S Taymouri, J Varshosaz, M Rostami, M Mirian. **Preparation and evaluation of inhalable dry powder containing glucosamine-conjugated gefitinib SLNs for lung cancer therapy.** Drug Development and Industrial Pharmacy 2020;46 (8), 1265-1277
 65. S Homae Borujeni, SZ Mirdamadian, J Varshosaz, A Taheri. **Three-dimensional (3D) printed tablets using ethyl cellulose and hydroxypropyl cellulose to achieve zero order sustained release profile.** Cellulose 27 (3), 1573-1589.
 66. J Varshosaz, MM Fard, M Mirian, F Hassanzadeh. **Targeted nanoparticles for Co-delivery of 5-FU and nitroxoline, a cathepsin B inhibitor, in HepG2 cells of hepatocellular carcinoma.** Anti-Cancer Agents in Medicinal Chemistry.2020; 20(3): 346-358.
 67. A Najmafshar, M Rostami, J Varshosaz, D Norouzian. **Enhanced antitumor activity of bovine lactoferrin through immobilization onto functionalized nano graphene oxide: an in vitro/in vivo study.** Drug delivery 2020; 27 (1), 1236-1247

68. Shahnaz Razavi Reihaneh Seyedebrahimi; Jaleh Varshosaz; Elham Vatankhah; Mohammad Kazemi. **Beneficial effects of biodelivery of brain-derived neurotrophic factor and gold nanoparticles from functionalized electrospun PLGA scaffold for nerve tissue engineering.** *Journal of Cluster Science* . 2021; 32 (3), 631-642.
69. M Kouhi, J Varshosaz, BH Beni, A Sarmadi. **Injectable gellan gum/lignocellulose nanofibrils hydrogels enriched with melatonin loaded forsterite nanoparticles for cartilage tissue engineering: Fabrication...** *Materials Science and Engineering: C*, 2020, 111114
70. R Mirsafaei, J Varshosaz, SN Mirsattari. **Folate Targeted Polyacrylamide/Punicic acid Nanomicelles for Flutamide Delivery in Prostate Cancer: Characterization, In Vitro Biological Evaluation and its DFT study.** *Recent Patents on Nanotechnology*. 2020; 14 (4), 360-374.
71. R Mirsafaei, J Varshosaz. **Polyacrylamide–punicic acid conjugate-based micelles for flutamide delivery in PC3 cells of prostate cancer: synthesis, characterisation and cytotoxicity studies.** *IET Nanobiotechnology*. 2020; 14 (5), 417-422.
72. S Nasr, J Varshosaz, V Hajhashemi. **Ortho-vanillin nanoparticle-doped glucan microspheres exacerbate the anti-arthritis effects of methotrexate in adjuvant-induced arthritis in rats.** *Pharmacological Reports*: 2020;72 (3), 680-691
73. Y Soleimani, SAH Goli, J Varshosaz, L Di Cesare Mannelli, C Ghelardini, M Cirri, and F Maestrelli. **β -Sitosterol Loaded Nanostructured Lipid Carrier: Physical and Oxidative Stability, In Vitro Simulated Digestion and Hypocholesterolemic Activity.** *Pharmaceutics*, 2020, 12 (4), 386
74. M Otroj, S Taymouri, J Varshosaz, M Mirian. **Preparation and characterization of dry powder containing sunitinib loaded PHBV nanoparticles for enhanced pulmonary delivery.** *Journal of Drug Delivery Science and Technology*. 2020, 56, 101570
75. J Varshosaz, S Jandaghian, M Mirian, SE Sajjadi. **Co-delivery of rituximab targeted curcumin and imatinib nanostructured lipid carriers in non-Hodgkin lymphoma cells.** *Journal of Liposome Research*, 2021; 31 (1), 64-78.
76. J Varshosaz, K Arabloo, N Sarrami, E Ghassami, E Yazdani Kachouei, Monireh Kouhi¹, Ali Jahanian-Najafabadi **RGD peptide grafted polybutylene adipate-co-terephthalate/gelatin electrospun nanofibers loaded with a matrix metalloproteinase inhibitor drug for alleviating of wounds: An in vitro/in vivo study.** *Drug Development and Industrial Pharmacy* 46 (3), 484-497
77. N Nasehi, J Varshosaz, S Taymouri, M Rostami, V Akbari, L Firoozpour. **Sorafenib loaded pluronic F127-lithocholic acid micelles for prostate cancer therapy: Formulation, optimization, and in vitro evaluation against LNCaP cells.** *International Journal of Polymeric Materials and Polymeric Biomaterials*. 69 (3), 2020, 158-172.
78. SH Borujeni, SZ Mirdamadian, J Varshosaz, A Taheri. **Three-dimensional (3D) printed tablets using ethyl cellulose and hydroxypropyl cellulose to achieve zero order sustained release profile.** *Cellulose* 27 (3), 1573-1589
79. F Hasibi, A Nasirpour, J Varshosaz, P García-Manrique, ... **Formulation and Characterization of Taxifolin-Loaded Lipid Nanovesicles (Liposomes, Niosomes, and Transfersomes) for Beverage Fortification** . *European Journal of Lipid Science and Technology* 2020, 122 (2), 1900105

80. Z Faraji, J Shakarami, J Varshosaz, S Jafari. **Essential Oils Encapsulation into Nanoliposome and Novel Application of Nanoliposome as a Storage Pesticide.** *Journal of Nano Research* 2020;62, 96-107
81. S Ahmadipour, J Varshosaz, B Hashemibeni, L Safaeian, M Manshaei. **Polyhedral Oligomeric Silsesquioxane/Platelets Rich Plasma/Gelrite-Based Hydrogel Scaffold for Bone Tissue Engineering.** *Current Pharmaceutical Design.*2020; 26 (26), 3147-3160.
82. M Hadjianfar, D Semnani, J Varshosaz. **An investigation on polycaprolactone/chitosan/Fe₃O₄ nanofibrous composite used for hyperthermia.** *Polymers for Advanced Technologies* 2019;30 (11), 2729-2741
83. M Hadjianfar, D Semnani, J Varshosaz **Polycaprolactone/Chitosan/Fe₃O₄ nanofibrous composite used for hyperthermia.** *Polymers for Advanced Technologies.* 2018, 29 (12), 2972-2981
84. Faezeh Ghahreman; Dariush Semnani, Saied Nouri Khorasani; Jaleh Varshosaz; Shahla Khalili; Sajjad Mohammadi; Elham Kaviannasab. **Poly (caprolactone) - gelatin membranes in controlled drug delivery of 5-fluorouracil.** *Journal of Polymer Research.*2020; 62 (6), 636-647.
85. Rezaei A, **Varshosaz J**, Fesharaki M, Farhang A, Jafari SM. **Improving the solubility and in vitro cytotoxicity (anticancer activity) of ferulic acid by loading it into cyclodextrin nanosponges.** *Int J Nanomedicine.* 2019 Jun 24;14:4589-4599.
86. Hashemi H, **Varshosaz J**, Fazeli H, Sharafi SM, Mirhendi H, Chadeganipour M, Yousefi H, Manoochehri K, Chermahini ZA, Jafarzadeh L, Dehghanisamani N, Dehghan P, Darani HY. **Rapid differential diagnosis of vaginal infections using gold nanoparticles coated with specific antibodies.** *Med Microbiol Immunol.* 2019 Jun 10.
87. J. Varshosaz F. Sadri M. Rostami M Mirian S Taymouri. **Synthesis of pectin-deoxycholic acid conjugate for targeted delivery of anticancer drugs in hepatocellular carcinoma.** *International Journal of Biological Macromolecules.* Available online 1 August 2019
88. Reihaneh Seyedebrahimi • Shahnaz Razavi • Jaleh Varshosaz .**Controlled Delivery of Brain Derived Neurotrophic Factor and Gold Nanoparticles from Chitosan/TPP Nanoparticles for Tissue Engineering Applications.** *Journal of Cluster Science.* 2020, 31 (1), 99-108.
89. Varshosaz J, Sarrami N, Aghaei M, Aliomrani M, Azizi R. **LHRH Targeted Chondrosomes of Mitomycin C In Breast Cancer: An In Vitro / In Vivo Study.** *Anticancer Agents Med Chem.* 2019 Apr 15.
90. Varshosaz J, Dayani L, Chegini SP, Minaiyan M. **Production of a new platform based on fumed and mesoporous silica nanoparticles for enhanced solubility and oral bioavailability of raloxifene HCl.** *IET Nanobiotechnol.* 2019 Jun;13(4):392-399.
91. Ghassami E, **Varshosaz J**, Mirian M, Jahanian-Najafabadi A. **HER-2 aptamer-targeted Ecoflex® nanoparticles loaded with docetaxel promote breast cancer cells apoptosis and anti-metastatic effect .** *IET Nanobiotechnol.* 2019 Jun;13(4):428-434.
92. Hossein Hashemi, Jaleh Varshosaz, Hossein Fazeli, Seyedeh Maryam Sharafi, Hossein Mirhendi, Mostafa Chadeganipour, Hosseinali Yousefi , Kourosh Manoochehri, Zahra Aliyari Chermahini , Loabat Jafarzadeh, Nafiseh Dehghanisamani, Parvin Dehghan. **Rapid differential diagnosis of vaginal**

- infections using gold nanoparticles coated with specific antibodies. *Medical Microbiology and Immunology*. Accepted.
93. Somayeh Taymouri, mohammad reza Molaahmadi, Jaleh Varshosaz, Vajihe Akbari. **Lipid nanocapsules for imatinib delivery: Design, optimization and evaluation of anticancer activity against melanoma cell line.** *Iranian Journal of Pharmaceutical Research*. Accepted.
 94. Ghassami E, **Varshosaz J**, Minaiyan M, Nasirikenari M, Hoseini SM. **Biodistribution, Safety and Organ Toxicity of Docetaxel-Loaded in HER-2 Aptamer Conjugated Ecoflex® Nanoparticles in a Mouse Xenograft Model of Ovarian Cancer.** *Recent Pat Nanotechnol*. 2018 Nov 28.
 95. **Varshosaz J**, Raghani F, Rostami M, Jahanian A. **PEGylated trimethylchitosan emulsomes conjugated to octreotide for targeted delivery of sorafenib to hepatocellular carcinoma cells of HepG2.** *J Liposome Res*. 2019 Mar 14:1-16.
 96. Kazemi M, **Varshosaz J**, Tabbakhian M. **Preparation and Evaluation of Lipid-Based Liquid Crystalline Formulation of Fenofibrate.** *Adv Biomed Res*. 2018 Sep 21;7:126.
 97. Varshosaz J, Ghassami E, Ahmadipour S. **Crystal Engineering for Enhanced Solubility and Bioavailability of Poorly Soluble Drugs.** *Curr Pharm Des*. 2018;24(21):2473-2496.
 98. Homayouni A, Amini M, Sohrabi M, **Varshosaz J**, Nokhodchi A. **Curcumin nanoparticles containing poloxamer or soluplus tailored by high pressure homogenization using antisolvent crystallization.** *Int J Pharm*. 2019 May 1;562:124-134.
 99. Homayouni A, Sohrabi M, Amini M, **Varshosaz J**, Nokhodchi A. **Effect of high pressure homogenization on physicochemical properties of curcumin nanoparticles prepared by antisolvent crystallization using HPMC or PVP.** *Mater Sci Eng C Mater Biol Appl*. 2019 May;98:185-196.
 100. Varshosaz J, Ghassami E, Ahmadipour S. Crystal Engineering for Enhanced Solubility and Bioavailability of Poorly Soluble Drugs. *Curr Pharm Des*. 2018;24(21):2473-2496.
 101. Elham Kaviannasab, Jaleh Varshosaz, Dariush Semnani. **5-fu loaded core-sheath nanofibers made of PCL and PVP.**
 102. Nasrin Ghassemi Barghi **In vitro antioxidation activity and genoprotective effect of Erythropoietin loading chitosan-“tripolyphosphate nanoparticles against etoposide-induced toxicity.** *Drug Research*
 103. Sajad Fatahi, Mohammad Zakeri, Jaleh Varshosaz, Vahid Yavari , shahla jamili . **Effect of methionine nano-encapsulation with chitosan on the amino acid durability in diet and growth performance in rainbow trout (Onchorhynchus mykiss) larvae.** *Aquaculture*
 104. Mehdi Hajianfar. **Polycaprolactone /Chitosan blend nanofibers loaded by 5-Fluorouracil: an approach to anticancer drug delivery system.** *Polymers for Advanced Technologies*. 2018;29:2972–2981.
 105. **Comparison of Mesoporous Silica, Freeze-Dried and Spray-Dried Fumed Silica Nanoparticles for Enhanced Solubility and Oral Bioavailability of a water insoluble drug: An In vitro/In vivo Study.**
 106. **Lipid nanocapsules made from tomato seed oil for encapsulation of naringenin with enhanced gut permeation.** *Food Chemistry*

107. Goli, **Propolis wax nanostructured lipid carriers containing β sitosterol for food applications: Effect of thermal processing, pH and ionic strength on stability and structure**
108. Sierin Lim, Abbas Ali Khodadadi, Jaleh Varshosaz, Fatemeh Nasrollahi, Peng Chen, Yun Rui Koh. **Targeting Graphene Quantum Dots to Epidermal Growth Factor Receptor for Delivery of Cisplatin and Cellular Imaging.** *Materials Science & Engineering C*. 2019 Jan 1;94:247-257.
109. Somayeh Taymouri, Jaleh Varshosaz, Ali Jahanian-Najafabadi, Elahe Jafari, Azade Taheri. **Formulation and characterization of cellulose acetate butyrate nanoparticles loaded with nevirapine for HIV treatment.** *Journal of Drug Delivery Science and Technology* 48, 2018, 9-20
110. Homayouni A, Amini M, Sohrabi M, Varshosaz J, Nokhodchi A. **Curcumin nanoparticles containing poloxamer or soluplus tailored by high pressure homogenization using antisolvent crystallization.** *Int J Pharm.* 2019 May 1;562:124-134.
111. Alireza homayouni, Masoumeh Sohrabi, Jaleh Varshosaz, Marjan Amini, Ali Nokhodchi. **Effect of high pressure homogenization on physicochemical properties of Curcumin nanoparticles prepared by antisolvent crystallization using Poloxamer 188 or Soluplus.** *Materials Science & Engineering C*. Apr 25, 2019.
112. Atefe Rezaei, Jaleh Varshosaz, Mehrafarin Fesharaki, Armin Farhang. **Nanoencapsulation of ferulic acid into the cyclodextrin nanosponges: characterization and in vitro cytotoxicity.** *International Journal of Biological Macromolecules*. Submitted.
113. Hassanzadeh, F. , Sadeghi, H., Varshosaz, J., Kashkooli, H.N., Rostami, M., **Assessment of chitosan modified nanoparticles, as boron carriers in BNCT.** *Journal of Mazandaran University of Medical Sciences*.2018; 27(156), pp. 187-193.
114. Soleimani Y, Goli SAH, Varshosaz J, Maestrelli F. **β -sitosterol lipid nano carrier based on propolis wax and pomegranate seed oil: Effect of thermal processing, pH and ionic strength on stability and structure.** *European Journal of Lipid Science and Technology* . DOI: 10.1002/ejlt.201800347.
115. Soleimani Y, Goli SAH, Varshosaz J, Maestrelli F. **Propolis wax nanostructured lipid carrier for delivery of β sitosterol: Effect of formulation variables on physicochemical properties.** *Food Chem.* 2018 Sep 15;260:97-105.
116. Varshosaz J, Ahmadipour S, Tabbakhian M, Ahmadipour S. **Nanocrystallization of Pioglitazone by Precipitation Method.** *Drug Res (Stuttg)*. 2018 Apr 9. doi: 10.1055/a-0591-2506.
117. Varshosaz J, Enteshari S, Hassanzadeh F, Hashemi-Beni B, Minaiyan M, Mirsafaei R. **Synthesis, in vitro characterization, and anti-tumor effects of novel polystyrene-poly(amide-ether-ester-imide) co-polymeric micelles for delivery of docetaxel in breast cancer in Balb/C mice.** Accepted for *Drug Development and Industrial Pharmacy*. 2018 Jul;44(7):1139-1157.
118. Jaleh Varshosaz, Ali Jahanian-Najafabadi, Ahmad Soleymani, Amir Khajavinia. **Poly (butylene adipate-co-terephthalate) electrospun nanofibers loaded with 5-fluorouracil and curcumin in treatment of colorectal cancer cells.** *Polymer Testing*, Volume 65, February 2018, Pages 217-230.

119. Sana Chegini, Jaleh Varshosaz, Somayeh Taymouri. **Recent approaches for targeted drug delivery in rheumatoid arthritis diagnosis and treatment.** *Artificial Cells, Nanomedicine and Biotechnology*. 2018 Apr 16:1-13.
120. Enteshari S, Varshosaz J, Minayian M, Hassanzadeh F. **Antitumor activity of raloxifene targeted poly(styrene maleic acid)-poly (amide-ether-ester-imide) co-polymeric nanomicelles loaded with docetaxel in breast cancer bearing mice.** *Investigational New Drugs*. 2018 Apr;36(2):206-216.
121. Varshosaz J, Ziaei V, Minaiyan M, Jahanian-Najafabadi A, Sayed-Tabatabaei L. **Enhanced solubility, oral bioavailability and anti-osteoporotic effects of raloxifene HCl in ovariectomized rats by Igepal CO-890 nanomicelles.** *Pharmaceutical Development and Technology*. 2018 Jan 30:1-12.
122. Varshosaz J, Ghassami E, Noorbakhsh A, Jahanian-Najafabadi A, Minaiyan M, Behzadi R. **Poly (Butylene Adipate-Co-Butylene Terephthalate) Nanoparticles Prepared by Electrospraying Technique for Docetaxel Delivery in Ovarian Cancer Induced Mice.** *Drug Development and Industrial Pharmacy*. 2018 Jun;44(6):1012-1022.
123. Ghassami E, Varshosaz J, Jahanian-Najafabadi A, Minaiyan M, Rajabi P, Hayati E. **Pharmacokinetics and in vitro/in vivo antitumor efficacy of aptamer-targeted Ecoflex® nanoparticles for docetaxel delivery in ovarian cancer.** *International Journal of Nanomedicine*. 23 January 2018 Volume 2018:13 Pages 493—504.
124. Mahmoud Etebari, Nasrin Ghassemi Barghi, Jaleh Varshosaz. **Melatonin nanoparticles attenuates busulfan-induced oxidative stress and genotoxicity in human hepatoma cells.** *Submitted to Toxicology Reports*

125. Efavirenz oral delivery via lipid nanocapsules: Formulation, optimization and ex-vivo gut permeation study. *IET Nanobiotechnology*. **12(6)**, September 2018, 795 – 806
126. Jaleh varshosaz, Hajar Asefi, Batool Hashemi Beni, Solmaz Ghaffari, Mohammad Ali Davoodi. **Preparation and in vitro evaluation of novel cross-linked chondroitin sulphate nanoparticles by aluminum ions for encapsulation of green tea flavonoids.** Accepted for *IET Nanobiotechnology*. **12 (6)**, September 2018, 757 – 763
127. Varshosaz J, Taymouri S, Minaiyan M, Rastegarnasab F, Baradaran A. **Development and in vitro / in vivo evaluation of HPMC/chitosan gel containing simvastatin loaded self-assembled nanomicelles as a potent wound healing agent.** *Drug Dev Ind Pharm*. 2018 Feb;44(2):276-288.
128. Varshosaz J, Arbabi B, Pestehchian N, Saberi S, Delavari M. **Chitosan-titanium dioxide-glucantime nanoassemblies effects on promastigote and amastigote of Leishmania major.** *Int J Biol Macromol*. 2017 Sep 1
129. Jaleh Varshosaz, Dorsa Golestaneh. *Shahrekord*
130. Jaleh Varshosaz, Ali Jahanian, and Masoud Maktoobian. **Optimization of Poly(methyl vinyl ether-co-maleic acid) Electrospun Nanofibers as a Fast-Dissolving Drug Delivery System.** *Advanced Biomedical Research* . 2018 May 23;7:84.
131. Jaleh Varshosaz, Ali Jahanian, and Masoud Maktoobian. **Montelukast Incorporated Poly(methyl vinyl ether-co-maleic acid)/Poly(lactic-co-glycolic acid) Electrospun Nanofibers for Wound Dressing.** *Fibers and Polymers* 2017, Vol.18, No.11, 2125-2134.
132. Anoushe Zargar kharazi, Parisa Heidari Jaleh Varshosaz, Saeed Karbasi. **Preparation and evaluation of poly glycerol sebacate/poly hydroxy butyrate core-shell electrospun nanofibers with sequentially release of ciprofloxacin and simvastatin in wound dressing.** *Polymers Advanced Technologies*. June 2018. 29(6): 1795-1803.
133. Soleimanian, Y., Goli, S.A.H., Varshosaz, J., Sahafi, S.M. **Formulation and characterization of novel nanostructured lipid carriers made from beeswax, propolis wax and pomegranate seed oil.** *Food Chemistry*. 2018; 244: 83 – 92.
134. Sayed Mohammad Sahafi, Sayed Amir Hossein Goli, Mahdi Kadivar & Jaleh Varshosaz. **Preparation and Characterization of Bioactive Oils Nanoemulsions: Effect of Oil Unsaturation Degree, Emulsifier Type and Concentration.** *Journal of Dispersion Science and Technology*.
135. J. Varshosaz, E. Khabbazian, F. Hassanzadeh, H. Sadeghi Aliabadi, M. Rostami, S. Taymouri. **Synthesis of biotin targeted chitosan/ poly (methyl vinyl ether-co-maleic acid) copolymeric micelles for delivery of doxorubicin.** *IET Nanobiotechnology*. 2017 Sep 18; 11(7): 843 – 851.
136. Sajad Fatahi, Mohammad Zakeri, Jaleh Varshosaz, Vahid Yavari. **Effect of methionine nano-encapsulation with chitosan on the amino acid durability in diet and growth performance in rainbow trout (Onchorhynchus mykiss) larvae.** *Animal Feed Science and Technology*
137. F. Hassanzadeh, M. Mehdifar, J Varshosaz, G. Khodarahmi, M. Rostami, **Folic acid Targeted Polymeric Micelles based on Tocopherol succinate- Pullulan as an Effective Carrier for Epirubicin: Preparation,**

- Characterization and In-Vitro Cytotoxicity assessment.** *Current Drug Delivery.* 2018 Feb 14;15(2):235-246.
138. J Varshosaz, S Taymouri, H Hamishehkar, R Vatankhah, and S Yaghubi. **Development of dry powder inhaler containing tadalafil-loaded PLGA nanoparticles.** *Research in Pharmaceutical Sciences*, June 2017; 12(3): 222-232.
 139. Tamjidi F., Shahedi M., Varshosaz J., Nasirpour A. **Stability of astaxanthin-loaded nanostructured lipid carriers in beverage systems.** *Journal of the Science of Food and Agriculture* . 2018 Jan;98(2):511-518.
 140. Lim, Nasrollahi, Varshosaz. **Targeting Graphene Quantum Dots to Epidermal Growth Factor Receptor for Cellular Imaging and Delivery of Cisplatin.** *Small*.
 141. F. Hassanzadeh, E. Mahmoudi, J Varshosaz, G. Khodarahmi, Ghanadian, N Dana. **Novel NGR anchored Pullulan Micelles for Controlled and Targeted Delivery of Doxorubicin to HeLa Cancerous cells.** *Iran Polym J. February 2018, 27(6): 263–274.*
 142. Parisa Shirazaki, Jaleh Varshosaz, Anoushe Zargar Kharazi. **Electrospun gelatin/poly(glycerol sebacate) membrane with controlled release of antibiotics for wound dressing.** *Adv Biomater Res.* 2017 Aug 28;6:105.
 143. Nasrin Ghassemi-Barghi, Jaleh Varshosaz, Mahmoud Etebari. **Enhanced genoprotective effects of erythropoietin delivered by nanoparticles on dacarbazine-induced genotoxicity in cultured HepG2 cells.** *Cancer Genetics*.
 144. Milad Fathi, Maryam Nikbakht Nasrabadi & Jaleh Varshosaz. **Characteristics of vitamin E-loaded nanofibres from dextran.** *International Journal of Food Properties.* 2017; 20(11): 2665-2674
 145. Lotfi Shahreza M, Ghadiri N, Mousavi SR, Varshosaz J, Green JR. **Heter-LP: A heterogeneous label propagation algorithm and its application in drug repositioning.** *J Biomed Inform.* 2017 Apr;68:167-183.
 146. F. Hassanzadeh, S. Maaleki, J. Varshosaz, G.A. Khodarahmi, M. Farzan, M. Rostami . **Thermosensitive folic acid-targeted poly (ethylene-co-vinyl alcohol) hemisuccinate polymeric nanoparticles for delivery of epirubicin to breast cancer cells.** *Iranian Polymer Journal.* 2016; 25(11): 967–976.
 147. F. Hassanzadeh, M. Farzan, J. Varshosaz, G.A. Khodarahmi, S. Maaleki, M. Rostami. **Poly (ethylene-co-vinyl alcohol)-based polymeric thermo-responsive nanocarriers for controlled delivery of epirubicin to hepatocellular carcinoma.** *Research in pharmaceutical sciences* 2017;12(2):107-118.
 148. F. Hassanzadeh, J. Varshosaz, G. A. Khodarahmi, M. Rostami, and F. Hassanzadeh. **Biotin-encoded Pullulan-Retinoic Acid Engineered Nanomicelles: Preparation, Optimization and In Vitro Cytotoxicity Assessment in MCF-7 Cells.** *Indian J Pharm Sci* 2016;78(5):557-565.
 149. Maryam Lotfi Shahreza, Nasser Ghadiri, Sayed Rasoul Mousavi Jaleh Varshosaz and James R. Green. **A review of network-based approaches to drug repositioning.** *Briefings in Bioinformatics, Sep 2018, 19(5) 878–892.*
 150. Ghassemi-Barghi N, Varshosaz J, Etebari M, Dehkordi AJ. **Role of recombinant human erythropoietin loading chitosan-tripolyphosphate nanoparticles in busulfan-induced genotoxicity: Analysis of DNA**

- fragmentation via comet assay in cultured HepG2 cells.** *Toxicol In Vitro.* 36, October 2016, 46–52.
151. Varshosaz J, Taymouri S, Ghassami E. **Supramolecular self assembled nanogels a new platform for anticancer drug delivery.** *Curr Pharm Design. In print.*
 152. J. Varshosaz, S Riahi, E Ghassami, A. Jahanian-Najafabadi. **Transferrin targeted polybutylene adipate/terephthalate nanoparticles for targeted delivery of 5-FU in HT29 colorectal cancer cell line.** *Journal of Bioactive and Compatible Polymers.* 2017; 32(5): 503-527.
 153. J Varshosaz, F Hassanzadeh, H Sadeghi Aliabadi, F Rabbani Khoraskani, M Mirian, B Behdadfar. **Targeted delivery of doxorubicin to breast cancer cells by magnetic LHRH chitosan bioconjugated nanoparticles.** *Int J Biol Macromol.* 2016 Dec;93(Pt A):1192-1205.
 154. J Varshosaz, H Sadeghi Aliabadi, A Karimi Manesh, S Taymouri. **Lipid naocapsules of letrozole for delivery to estrogen positive breast cancer cells: development, optimization and cell culture characterization.** *Farmacia. In Press.*
 155. Varshosaz J, Jafarian Dehkordi A, Setayesh S. **Magnetic polyvinyl caprolactam–polyvinyl acetate–polyethylene glycol micelles for docetaxel delivery in breast cancer: an in vitro study on two cell lines of breast cancer.** *Pharm Dev Technol,* 2017 Aug;22(5):659-668.
 156. Varshosaz J, Vakilzadeh H, Ghassami E. **Use of lipoprotein like nanoparticles used in drug and gene delivery.** *Curr Pharm Des.* 2016;22(22):3466-85.
 157. Varshosaz J, Minayian M, Ahmadi M, Ghassami E. **Enhancement of solubility and antidiabetic effects of Repaglinide using spray drying technique in STZ-induced diabetic rats.** *Pharm Dev Technol.* 2017; 22(6): 754–763
 158. J. Varshosaz, M Minayian, S Yazdekhasti. **Physicochemical, pharmacodynamic and pharmacokinetic characterization of Soluplus stabilized nanosuspension of tacrolimus.** *Curr Drug Deliver.* 2017;14(4):521-535.
 159. Taymouri S, Varshosaz J. **Effect of different types of surfactants on the physical properties and stability of carvedilol nano-niosomes.** *Adv Biomed Res.* 2016 Mar 16;5:48.
 160. J. Varshosaz, S Haghjooy Javanmard, S. Soghrati, B Behdadfar. **Magnetic chondroitin targeted nanoparticles for dual targeting of montelukast in prevention of in-stent restenosis.** *RSC Advances,* 2016; 6: 12337-12347.
 161. F Nasrollahi, J Varshosaz, AA Khodadadi, S Lim, A Jahanian. **Targeted delivery of docetaxel using transferrin/poly (allylamine hydrochloride)-functionalized graphene oxide nanocarrier.** *ACS Appl. Mater. Interfaces,* 2016, 8 (21): 13282–13293.
 162. V Ziaei, J Varshosaz, A Jahanian, M Minayian. **Enhanced solubility and anti-osteoporotic effects of raloxifene HCl by Igepal CO-890 micelles: Studies on its cytotoxicity, inhibition of p-glycoprotein pump in Caco-2 cells and in ovariectomized rats.** *J Pharm Pharmacol. In Press.*
 163. N Pestehchian, MR Vafaei, H Kalani, HA Yousefi, V Ziaei Bide, J Varshosaz. **A new effective antiplasmodial compound: Nanoformulated pyrimethamine.** *Journal of Global Antimicrobial Resistance.* 2020, 309-315.

164. S.M. Latifi, M. Fathia, J. Varshosaz. **The effect of acid and base catalysts on phase purity and dissolution behavior of sol-gel derived in situ silica coated apatite composite nanopowders.** *Ceramics International* , 2015; 41:9476–9481.
165. S.M. Latifi, M. Fathia, J. Varshosaz, N. Ghochaghi . **Mechanisms controlling ca ion release from sol-gel derived in situ apatite-silica nanocomposite powder.** *Ceramics – Silikáty* 2015; 59 (1): 64-69.
166. S.M. Latifi, M. Fathia, J. Varshosaz, N. Ghochaghi . **Simultaneous structural and surface modifications of nanophase hydroxyapatite for improving its dissolution and bioactivity.** *Ceramics International* , 2016; 42: 6355–6359
167. Varshosaz J, Zaki MR, Fathi M. **Simulation of plasma concentration-time profile of bupropion HCl in rat plasma using adaptive neuro-fuzzy inference system-ANFIS.** *Accepted for Publication in Artificial Intelligence in Medicine.*
168. Akbari V, Hendijani F, Feizi A, Varshosaz J, Fakhari Z, Morshedi S, Mostafavi SA. **Efficacy and safety of oral insulin compared to subcutaneous insulin: a systematic review and meta-analysis.** *J Endocrinol Invest.* 2016; 39(2): 215-25.
169. Varshosaz J, Farzan M. **Nanoparticles for targeted delivery of therapeutics and siRNA in hepatocellular carcinoma.** *World J. Gastroenterology*, 2015, 21(42): 12022-41.
170. J. Varshosaz, H. Vakilzadeh, E. Ghassami. **Lipoprotein like nanoparticles used in drug and gene delivery.** *Current Pharmaceutical Design.* 2016.
171. J Varshosaz, A Jahanian, J. Ghazzavi. **LHRH targeted poly (methyl vinyl ether maleic acid) nanoparticles for doxorubicin delivery to MCF-7 breast cancer cells.** *IET Nanobiotechnology.* 2016 Aug;10(4):206-14.
172. Varshosaz J, Minaiyan M, Khaleghi N. **Eudragit nanoparticles loaded with silybin: a detailed study of preparation, freeze-drying condition and in vitro/in vivo evaluation.** *J Microencapsul.* 2015; 32(3): 211–223.
173. Hamed Vakilzadeh, Jaleh Varshosaz and Mohsen Minaiyan. **Pulmonary delivery of triptorelin loaded in Pluronic based nanomicelles in rat model.** *Curr Drug Deliv.*2018; 15(5);630-640.
174. Jaleh Varshosaz, Farzin Firozian, Mohsen Minaiyan, Farshid Hassanzadeh and Hojjat Sadeghi-Aliabadi. **Folate based dextran nanocarriers for targeted delivery of etoposide in colorectal cancer: Pharmacokinetics, tissue distribution and antitumor activity in tumor bearing mice.** *Accepted for Publication in Biomed Res Int.*
175. Jafary F, Varshosaz J, Panjehpour M, Yaghmaei P. **Immobilization of alkaline phosphatase onto chitosan nanoparticles: A novel therapeutic approach in bone tissue engineering.** *Russian Journal of Applied Chemistry.* 2014, 87(11): 1719-1725.
176. J Varshosaz, F Hassanzadeh, H Sadeghi-Aliabadi, N Kalantari. **Enhanced cytotoxic effect of doxorubicin by galactosylated Pluronic mixed micelles against HepG2 hepatocellular carcinoma cells.** *Farmacia. In Press.*
177. Jafary F, Varshosaz J, Panjehpour M, Yaghmaei P. **Stability improvement of immobilized alkaline phosphatase using chitosan nanoparticles.** *Accepted for publication in Brazilian Journal of Chemical Engineering.*
178. Varshosaz J, Ghassami E. **Enhancement of dissolution rate of fenofibrate by spray drying technique: comparison of eudragit E-100, Solutol® HS15 and hydroxypropyl cellulose.** *Farmacia.* 2015, 63(3): 433-445.

179. Varshosaz J, Taymouri S, Hassanzadeh F, Javanmard SH. **Development of a rapid and precise reversed phase HPLC method for analysis of docetaxel in rat serum: application in single dose pharmacokinetic studies of folate targeted micelles containing docetaxel.** *Accepted for Publication in Adv Biomed Res.*
180. Varshosaz J, Taymouri S. **Hollow inorganic nanoparticles as efficient carriers for siRNA delivery: A comprehensive review.** *Curr Pharm Design, 2015; 21(29): 4310-28.*
181. Varshosaz J, Taymouri S, Hassanzadeh F, Javanmard SH, Mahzouni P. **Pharmacokinetics, Organ Toxicity and Antitumor Activity of Docetaxel Loaded in Folate Targeted Cholesterol Based Micelles.** *Curr Drug Delivery. 2015, Apr 16.*
182. Varshosaz J, Taymouri S, Hassanzadeh F, Javanmard SH, **Optimization of processing variables effective on self-assembly of folate targeted Synpronic based micelles for docetaxel delivery in melanoma cells.** *IET Nanobiotechnology. 2015, 1-8. doi: 10.1049/iet-nbt.2014.0076.*
183. Varshosaz J, Firozian F, Ghassami, E. **Formulation, optimization and in vitro evaluation of rapid disintegrating and mucoadhesive sublingual tablets of lorazepam.** *Farmacia. 2015, 63(2): 234-246.*
184. Sadrearhami Z, Morshed M, Varshosaz, J. **Production and evaluation of polyblend of agar and polyacrylonitrile nanofibers for in vitro release of methotrexate in cancer therapy.** *Fibers and Polymers. 2015; 16(2): 254-262.*
185. Varshosaz J, Tavakoli N, Moghaddam F, Ghassami E. **Polyelectrolyte complexes of chitosan for production of sustained release tablets of bupropion HCl.** *Farmacia. 2015, 63(1): 65-73.*
186. Emami J, Mohiti H, Hamishehkar H, Varshosaz J. **Formulation and optimization of solid lipid nanoparticle formulation for pulmonary delivery of budesonide using Taguchi and Box-Behnken design.** *Research in Pharmaceutical Sciences. 2015, 10(1): 17-33.*
187. Varshosaz J, Taymouri S, Hassanzadeh F, Javanmard SH, Rostami M. **Folated synperonic-cholesteryl hemisuccinate polymeric micelles for the targeted delivery of docetaxel in melanoma.** *BioMed Research International, 2015, 2015, ID 746093.*
188. Fattahi A, Asgarshamsi MH, Hasanzadeh F, Varshosaz J, Rostami M, Mirian M, Sadeghi-aliabadi H. **Methotrexate-grafted-oligochitosan micelles as drug carriers: synthesis and biological evaluations.** *J Mater Sci: Mater Med (2015) 26:119.*
189. Zaki MR, Varshosaz J, Fathi M. **Preparation of agar nanospheres: Comparison of response surface and artificial neural network modeling by a genetic algorithm approach.** *Carbohydrate Polymers, 2015, 122, 314-320.*
190. Varshosaz J, Zaki MR, Minaiyan M, Banoozadeh J. **Preparation, optimization and screening the effect of processing variables on agar nanospheres loaded with bupropion HCl by a D-optimal design.** *Biomed. Res. Int. 2015. 2015, ID 571816.*
191. Varshosaz J, Minaiyan M, Zaki MR, Fathi M, Jaleh H. **In vitro/in vivo evaluation of agar nanospheres for pulmonary delivery of bupropion HCl.** *Drug Delivery 2016 Jul;23(6):1948-54.*
192. S. Taymouri, Varshosaz J. **The Recent Progresses on The Improved Therapy of Melanoma by Novel Drug Delivery Systems.** *Curr Drug Targets. 2014; 15(9): 829-42*

193. Varshosaz J, Taymouri S, Hassanzadeh F, Haghjooy Javanmard S . **Self-assembly micelles with lipid core of cholesterol for docetaxel delivery to B16F10 melanoma and HepG2 cells.** *J Liposome Res.* 2015 Jun;25(2):157-65
194. Taymouri S., Varshosaz J. **Effect of different types of surfactants on physical properties and stability of carvedilol nanoniosomes.** *Adv Biomed Res.* 2015.
195. Homayouni A, Sadeghi F, Nokhodchi A, Varshosaz J, Garekani HA, **Preparation and characterization of celecoxib solid dispersions: comparison of Ploxamer-188 and PVP-K30 as carrier.** *Iran J. Basic Med. Sci.* 2014, 17: 322-331.
196. Homayouni A, Sadeghi F, Nokhodchi A, Varshosaz J, Garekani HA, **Preparation and characterization of celecoxib solid dispersions in Soluplus: comparison of spray drying and conventional methods.** *Iran J. Pharm Res.* 2015; 14(1): 35-50.
197. Homayouni A, Sadeghi F, Varshosaz J, Garekani HA, Nokhodchi A. **Promising dissolution enhancement effect of Soluplus on crystallized celecoxib through antisolvent precipitation and high pressure homogenization techniques.** *Colloids and Surfaces B: Biointerfaces.* 2014; 122: 591-600.
198. Homayouni A, Sadeghi F, Varshosaz J, Garekani HA, Nokhodchi A. **Comparing various techniques to produce micro/nanoparticles for enhancing the dissolution of celecoxib containing PVP.** *Eur. J. Pharm. Biopharm.* 2014; 88(1): 261–274.
199. Fardin Tamjidi, Mohammad Shahedi, Jaleh Varshosaz, Ali Nasirpour. **EDTA and α -tocopherol improve the chemical stability of astaxanthin loaded into nanostructured lipid carriers.** *European Journal of Lipid Science and Technology.* 2014; 116(8): 968-977.
200. Fardin Tamjidi, Mohammad Shahedi, Jaleh Varshosaz, Ali Nasirpour. **Design and characterization of Astaxanthin-loaded nanostructured lipid carriers.** *Innovative Food Science and Emerging Technologies.* 2014: 26: 366-374.
201. J. Varshosaz & F. Hassanzadeh & H. Sadeghi Aliabadi & M. Banitalebi & M. Rostami & M. Nayebsadrian. **Novel worm-like amphiphilic micelles of folate-targeted cyclodextrin/retinoic acid for delivery of doxorubicin in KG-1 cells.** *Colloid and Polymer Sciences,* 2014, 292(10): 2647-2662.
202. Sayed Abolfazl Mostafavi, Jaleh Varshosaz, Saber Arabian. **Formulation development and evaluation of metformin chewing gum with bitter taste masking.** *Adv Biomed Res.* 2014, 1-8.
203. Mohammadi Ghalaei P, Varshosaz J, Sadeghi-Aliabadi H. **Evaluating cytotoxicity of hyaluronate targeted solid lipid nanoparticles of etoposide on SK-OV-3 cells.** *J Drug Deliv.* 2014, ID 746325.
204. Varshosaz J, Mohammadi Ghalaei P, Hassanzadeh F. **Hyaluronate targeted solid lipid nanoparticles of etoposide: optimization and in vitro characterization.** *J Nanomater.* 2014, ID 345845.
205. Ali Fattahi, Komail Sadrjavadi, Mohammad Ali Golozar, Jaleh Varshosaz, Mohammad-Hossein Fathi, Hamid Mirmohammad-Sadeghi, **Preparation and characterization of oligochitosan–tragacanth nanoparticles as a novel gene carrier,** *Carbohydrate Polymers* Volume 97, Issue 2, 12 September 2013, Pages 277–283.

206. Milad Fathi, Maryam Mirlohi, Jaleh Varshosaz, Golnoosh Madani .**Novel caffeic acid nanocarrier: Production, characterization and release modeling** . *J. Nanomater.*, 2013, ID 434632.
207. Jaleh Varshosaz, Mohsen Minaiyan, and Mojgan Forghanian. **Prolonged hypocalcemic effect by pulmonary delivery of calcitonin loaded poly (methyl vinyl ether maleic acid) bioadhesive nanoparticles**. *Biomed. Res. Int.* 2014, ID 932615.
208. Jaleh Varshosaz, Farshid Hassanzadeh, Hojjat Sadeghi-Aliabadi, and Farzin Firozian. **Uptake of etoposide in CT-26 cells of colorectal cancer using folate targeted dextran-stearate polymeric micelles**. *Biomed Res Int.* 2014, ID 408593.
209. Jaleh Varshosaz, Hojjat Sadeghi-Aliabadi, Sajedh Ghasemi, and Behshid Behdadfar. **Use of magnetic folate-dextran-retinoic acid micelles for dual targeting of doxorubicin in breast cancer**. *Biomed. Res. Int.* 2013, ID 680712.
210. J. Varshosaz, M. Minayian, N. Khaleghi. **Preparation and evaluation of Silibin-loaded nanoparticles as a colon targeted drug delivery system: in vitro/in vivo evaluation in induced ulcerative colitis**. *J Microencapsulation*. 2015.
211. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, Z. Larian, M. Rostami. **Synthesis of Pluronic F127-poly (methyl vinyl ether-alt-maleic acid) copolymer and production of its micelles for doxorubicin delivery in breast cancer**. *Chemical Engineering Journal*. Available online 4 December 2013.
212. A. Emami Razavi1, G. Basati, J. Varshosaz, and S. Abdi, Association between HDL Particles Size and Myeloperoxidase/ Paraoxonase-1 (MPO/PON1) Ratio in Patients with Acute Coronary Syndrome. *Acta Medica Iranica*, Vol. 51, No. 6 (2013), 365-371.
213. Fattahi, A., Petrini, P., Munarin, F., Shokoohinia, Y., Golozar, M.A., Varshosaz, J., Tanzi, M.C. **Polysaccharides derived from tragacanth as biocompatible polymers and gels**. *Journal of Applied Polymer Science*. 2013 Volume 129, Issue 4, pages 2092–2102, 15 August.
214. Tamjidi, F., Shahedi, M., Varshosaz, J., Nasirpour, A. **Nanostructured lipid carriers (NLC): A potential delivery system for bioactive food molecules**. *Innovative Food Science and Emerging Technologies* 19 (2013) 29–43.
215. Emami, J., Shetabboushehri, M.A., Varshosaz, J., Eisaei, A. Preparation and characterization of a sustained release buccoadhesive system for delivery of terbutaline sulfate. *Research in Pharmaceutical Sciences*. 2013. 8 (4) : 219-231.
216. . J. Varshosaz, F. Hassanzadeh, A. Mardani, M. Rostami. **Feasibility of haloperidol anchored albumin nanoparticles loaded with doxorubicin as dry powder inhaler for pulmonary Delivery**. *Pharm. Dev. Technology*. 2015; 20(2): 183-96.
217. Varshosaz, S. Andalib, M. Tabbakhian, N. Ebrahimzadeh. **Development of lecithin nanoemulsion based organogels for Permeation enhancement of metoprolol through rat skin**. *J. Nanomaterials*. 2013, Volume 2013, Article ID 139437.
218. Milad Fathi; Jaleh Varshosaz, **Novel hesperetin loaded nanocarriers for food fortification: Production and characterization**. *Journal of Functional Foods*. Volume 5, Issue 3, July 2013, Pages 1382–1391.

219. M. Kouhi, M. Morshed, J. Varshosaz. **Poly (epsilon-caprolactone) incorporated bioactive glass nanoparticles and simvastatin nanocomposite nanofibers: Preparation, Characterization and In vitro drug release for bone regeneration applications.** *Chemical Engineering Journal. Volume 228, 15 July 2013, Pages 1057-1065.*
220. تأثیر غلظت، دما و حضور پلیمر بر آزادسازی دارو از مطهره عباسی نیکو، ژاله ورشوساز، ناصر توکلی. *Journal of Isfahan Medical School.* دوره ۳۱، شماره ۲۲۵: هفته سوم فروردین ماه ۱۳۹۲
221. Varshosaz J, Moazen E. **Novel lectin-modified poly(ethylene-co-vinyl acetate) mucoadhesive nanoparticles of carvedilol: preparation and in vitro optimization using a two-level factorial design.** *Pharm. Dev. Tech.* Available online 13 Aug 2013,
۲۲۲. محسن مینائیان، ژاله ورشوساز تأثیر نانوکپسول‌های سیلیبین بر کولیت اولسراتیو ناشی از اسید استیک در رت، نفیسه خالقی اصفهانی. *Journal of Isfahan Medical School* دوره ۳۱، شماره ۲۳۶: هفته دوم تیر ماه ۱۳۹۲
223. ارزیابی سمیت سلولی. ندا کلانتری، حجت صادقی علی‌آبادی، فرشید حسن‌زاده، ژاله ورشوساز. *Journal of Isfahan Medical School* دوره ۳۰، شماره ۲۲۱: هفته سوم اسفند ماه ۱۳۹۱
224. *Journal of Isfahan Medical School.* آثار ضد التهاب کتوتیفن در مدل کولیت اولسراتیو ناشی از استیک اسید در رت. دوره ۳۱، شماره ۲۲۶: هفته چهارم فروردین ماه ۱۳۹۲
۲۲۵. مهنوش بنی‌طالبی، ژاله ورشوساز، فرشید حسن‌زاده، حجت صادقی علی‌آبادی، محمد نایب‌الصدریان. مقایسه سمیت سلولی میسل‌های تهیه شده از بتاسیکلودکسترین و دکستران بار شده با دوکسوروبیسین بر رده ی سلولی KG-1. *مجله دانشگاه علوم پزشکی شهرکرد.* 1393 و 16(۲) خرداد و تیر
226. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Nayebsadrian, M. Banitalebi **Synthesis of folate targeted dextran/retinoic acid micelles for doxorubicin delivery in acute leukemia.** *Biomed Res Int. Volume 2014, Article ID 525684,*
227. Jaber Emami, Mahboubeh Rezazadeh, Jaleh Varshosaz, Majid Tabbakhian, and Abolfazl Aslani. **Formulation of LDL Targeted Nanostructured Lipid Carriers Loaded with Paclitaxel: A Detailed Study of Preparation, Freeze Drying Condition, and In Vitro Cytotoxicity,** *Journal of Nanomaterials, 2012, Article ID 358782, November*
228. M. Nayebsadrian, J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Banitalebi, and M. Rostami, **Screening the Most Effective Variables on Physical Properties of Folate-Targeted Dextran/Retinoic Acid Micelles by Taguchi Design,** *Journal of Nanomaterials, 2012, Article ID 860691, November*
229. J. Varshosaz, S. Taymouri. **Preparation of chitosan coated poly(ethylene-co-vinyl acetate) nanoparticle for pulmonary delivery of carvedilol.** *J Appl. Polym. Sci. 6 AUG 2013,*
230. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, N. Kalantari. **Preparation and characterization of galactosylated Pluronic F127/L122 mixed micelles loaded with doxorubicin against hepatocellular carcinoma.** *Submitted.*
231. Jaleh Varshosaz, Farshid Hassanzadeh, Hojjat Sadeghi, Zahra Ghelich Khan, Mahboobeh Rostami. **Preparation of retinoic acid decorated albumin–chitosan nanoparticles for targeted delivery of doxorubicin hydrochloride in**

- hepatocellular carcinoma. *J. Nanomaterials*. 2013, vol. 2013, Article ID 254127, April
232. ژاله ورشوساز، دکتر فرشید حسن زاده، دکتر حجت صادقی علی آبادی، زهرا علی محمد قلیچ خان. اثر سمیت سلولی نانو ذرات هدفمند کیتوزان/رتینوئیک اسید/آلبومین حاوی دوکسورویسین بر روی رده دوره ۳۰، شماره ۲۱۸: هفته چهارم بهمن. *Journal of Isfahan Medical School*. HepG2 سلولی ماه ۱۳۹۱
۲۳۳. حجت صادقی علی آبادی، ابوالفضل کریمی منش، ژاله ورشوساز ارزیابی بیولوژیک لتروزول بارشده در نانوکپسول‌های لیپیدی بر روی رده سلولی MCF-7 *Journal of Isfahan Medical School*. شماره ۲۱۷: هفته سوم بهمن ماه ۱۳۹۱
234. Milad Fathi, Mohebbat Mohebbi, Jaleh Varshosaz, Fakhri Shahidi. **Cellular automata modeling of hesperetin release phenomenon from lipid nanocarriers**. *Food and Bioprocess Technology*. Volume 6, Issue 11 (2013), Page 3134-3142
235. J. Emami, J. Varshosaz, M. Amirsadri and F. Ahmadi. **Preparation and evaluation of a sustained-release suspension containing theophylline microcapsules**. *African Journal of Pharmacy and Pharmacology* 29 July, 2012, Vol. 6(28), pp. 2091-2099.
236. ژاله ورشوساز، ناصر توکلی، شهناز رضوی، بهاره فاتح برومند. تاثیر میزان گلو تار آلدهید و مونت موریلونیت بر ویژگی های داربست نانو کامپوزیتی آگار/ مونت موریلونیت/گزامتاتان در دارورسانی دوره ۳۰، شماره ۲۰۳: هفته *Journal of Isfahan Medical School*. آلدروونات به بافت استخوان. اول آبان ماه ۱۳۹۱
237. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, F. Firozian, M. Mirrian. **Effect of molecular weight and molar ratio of dextran on self-assembly of dextran stearate polymeric micelles as nanocarriers for etoposide**. *J. Nanomaterials*. Article ID 265657, 18 October 2012.
238. A. Pardakhty, E. Moazeni, J. Varshosaz, V. Hajhashemi, A. Rouholamini Najafabadi., **Pharmacokinetic study of niosome-loaded insulin in diabetic rats**. *DARU*, 2011, 19(6), 404-411.
239. A. Khajavinia, J. Varshosaz, A. Jafarian Dehkordy. **Targeting etoposide to acute myelogenous leukemia cells using nanostructured lipid carriers surface modified with transferrin**. *Nanotechnology*. 23 (2012) 1-14.
240. S. Andalib, J. Varshosaz, F. Hassanzadeh, H. Sadeghi. **Optimization of LDL targeted nanostructured lipid carriers of 5-FU by a full factorial design**. *Advanced Biomedical Research*. 2012, 1(3): 1-7.
241. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, S. Andalib. **Synthesis of octadecylamine-retinoic acid conjugate for enhanced cytotoxic effects of 5-FU using LDL targeted nanostructured lipid carriers**. *Eur. J. Med. Chem*. 2012. Aug. 54, 429-438.
242. G. Asghari, J. Varshosaz, N. Shahbazi. **Synthesis of silver nanoparticle using *Portulaca oleracea* L. extracts**. *Nanomed. J*. Winter 2014; 1(2): 94-99.
243. J. Varshosaz, A. Khajavinia, M. Ghasemlu, E. Ataei, K. Golshiri, and I. Khaya. **Enhancement in Dissolution Rate of Piroxicam by Two micronization Techniques**. *Dissolution Technologies*, 2013, Aug. 15-23.
244. J. Varshosaz, J. Emami, N. Tavakoli, M. Minaiyan, N. Rahmani, F. Dorkoosh. **Development and evaluation of a novel pellet based tablet system for**

- potential colon delivery of budesonide. *J Drug Delivery.* 2012, Article ID 905191**
245. M. Jalali, D. Abedi, J. Varshosaz, M. Najjarzadeh, M. Mirlohi, N. Tavakoli. **Stability evaluation of freeze-dried *Lactobacillus paracasei* subsp. *tolerance* and *Lactobacillus delbrueckii* subsp. *bulgaricus* in oral capsules.** *Research in Pharmaceutical Sciences, February 2012; 7(1): 31-36.*
246. M. Fathi, J. Varshosaz, M. Mohebbi, F. Shahidi. **Hesperetin loaded solid lipid nanoparticles and nanostructure lipid carriers for food fortification: Preparation, characterization and modeling.** *Food and Bioprocess Technology.* Volume 6, Issue 6, June 2013, Pages 1464-1475.
247. J. Varshosaz. **Dextran conjugates for targeted drug delivery.** *Exp. Opin. Drug Deliv. online on March 21, 2012.*
248. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Khadem. **Galactosylated nanostructured lipid carriers for delivery of 5-FU to hepatocellular carcinoma.** *J. Liposome Res.* Sep 2012, Vol. 22, No. 3: 224–236
249. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Khadem. **Influence of formulation variables of nanostructured lipid carriers on their physicochemical and drug release properties.** *Control. Rel. J.* 2013; 2(1).
250. J. Varshosaz, F. Hassanzadeh, M. Eslamdoost. **Optimization of self-assembling properties of fatty acids grafted to methoxy poly(ethylene glycol) as nanocarriers for etoposide.** *Acta Pharm.* 62 (2012) 31–44.
251. J. Abedi-Koupai, J. Varshosaz, M. Mesforoosh, A.H. Khoshgoftarmanesh. **Controlled release of fertilizer microcapsules using Ethylene Vinyl Acetate polymer to enhance micronutrient and water use efficiency.** *Journal of Plant Nutrition., 35 (2012) 1130–1138.*
252. J. Varshosaz, V. Hajhashemi, S. Soltanzadeh. **Lipid nano capsule-based gels for enhancement of transdermal delivery of ketorolac tromethamine.** *J. Drug Deliv.* 2011, Article ID 571272.
253. J. Varshosaz, E. Moazen, M. Fathi. **Preparation of carvedilol nanoparticles by emulsification method and optimization of drug release: surface response design vs genetic algorithm.** *J. Dispersion Science & Technology.* 33:10, (2012),1480-1491.
254. R. Talari, J. Varshosaz, A. Mostafavi, A. Nokhodchi. **Development and validation of a novel rp-hplc method for pharmacokinetic studies of glimepiride in rat.** *Farmacia,* 2011, 59, 388-395.
255. A. Fattahi, M.A. Golozar, J. Varshosaz, H. Mirmohammad Sadeghi, M.H. Fathi. **Preparation and characterization of micelles of oligomeric chitosan linked to All Trans Retinoic Acid.** *Carbohydrate Polymer.* 2012, 87(2): 1176-1184.
256. S. Ghaffari, J. Varshosaz, I. Haririan, M.R. Khoshayand, S. Azarmi, T. Gazori, **Alginate/chitosan and solid lipid nanoparticles, preparation and characterization.** *J. Dispersion Science & Technology.* 2012, 33: 685–689.
257. N. Tavakoli, J. Varshosaz, **Development and Evaluation of a Monolytic Floating Drug Delivery System for Acyclovir.** *Chem Pharm Bull.* 2012, 60(2): 172-177.
258. J. Varshosaz, H. Sadeghi, F. Shafipour. **Biological safety evaluation of stealth solid lipid nanoparticles of risperidone: effect of surface characteristics on their hydrophobicity, haemolysis and macrophage phagocytosis.** *Farmacia.* 2012, 60(1): 64-78

259. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Shakery. **Folate Targeted Solid Lipid Nanoparticles of Simvastatin for Enhanced Cytotoxic Effects of Doxorubicin in Chronic Myeloid Leukemia.** *Current Nanoscience, Aril 2012, 8(2), 249-258.*
260. N. Tavakoli, J. Varshosaz, A. Ghannadi, N. Bavarsad. **Evaluation of *trigonella foenum- graecum* seeds gum as a novel tablet binder.** *Int. J. Pharm. Pharm. Sci. 2012, 4(1): 97-101.*
261. J. Varshosaz, J. Emami, N. Tavakoli, M. Minaiyan, N. Rahmani, F. Dorkoosh, P. Mahzouni. **Colon specific delivery of budesonide based on triple coated pellets: *In vitro* /*In vivo* Evaluation.** *Acta Pharmaceutica. 2012, 62(12): 341-356.*
262. J. Varshosaz, J. Emami, N. Tavakoli, M. Minaiyan, N. Rahmani, F. Ahmadi, F. Dorkoosh, P. Mahzouni. **Development of novel budesonide pellets based on CODESTM technology: In-vitro/in-vivo evaluation in induced colitis in rats.** *Daru. 2011, 19(2): 107-117.*
263. J. Varshosaz, J. Emami, N. Tavakoli, M. Minaiyan, N. Rahmani, P. Mahzouni, F. Dorkoosh. **Pectin film coated pellets for colon-targeted delivery of budesonide: *in vitro/in vivo* evaluation in induced ulcerative colitis in rat.** *Iranian J Pharm Research. 2012, 11(3): 733-745.*
264. J. Varshosaz, J. Emami, N. Tavakoli, M. Minaiyan, N. Rahmani, F. Ahmadi, F. Dorkoosh. **Development and validation of a rapid analytical HPLC method for simultaneous analysis of budesonide and its novel synthesized hemiesters in colon specific formulations and dissolution media.** *Res Pharm Sci. 2011, 6(2): 107-116.*
265. J. Varshosaz, N. Tavakoli, S. Enteshary. **Enhancement of anti-diabetic effects of gliclazide using immediate release tablets in stz-induced diabetic and normal rats.** *Farmacia. 2013, 61:4, .*
266. J. Varshosaz, S. Ghaffari, S.F. Mirshojaei, A. Jafarian-Dehkordi, F. Atyabi. **Biodistribution of Amikacin Solid Lipid Nanoparticles after Pulmonary Delivery.** *Biomed Res Int. 2013, vol. 2013, ID 136859.*
267. Mostafavi A, Emami J, Varshosaz J, Davies NM, Rezazadeh M. **Development of a prolonged-release gastroretentive tablet formulation of ciprofloxacin hydrochloride: Pharmacokinetic characterization in healthy human volunteers.** *Int. J. Pharm. 2011; 409(1-2): 128-36.*
268. S. Ghaffari, J. Varshosaz, A. Saadat, F. Atyabi. **Stability and Antimicrobial Effect of Amikacin loaded Solid Lipid Nanoparticles.** *Int. J. Nanomed. 2011; 6:35-43.*
269. J. Varshosaz, N. Tavakoli, F. Akhavan Salamat. **Effect of temperature and stirring rate on flow and compact-ability properties of simvastatin spherical crystals.** *Int. J. Pharm. Pharm. Sci. 2011; 3(3): 175-179.*
270. J. Varshosaz, N. Tavakoli, F. Akhavan Salamat. **Enhanced dissolution rate of simvastatin using spherical crystallization technique** *Pharmaceutical Development and Technology. 2011. 16(5):529-535.*
271. J. Varshosaz, F. Ahmadi, J. Emami, N. Tavakoli, M. Minaiyan, P. Mahzouni, F. Dorkoosh. **Microencapsulation of budesonide with dextran by spray drying technique for colon targeted delivery: an *in vitro/in vivo* evaluation in induced colitis in rat.** *J Microencapsul 2011; 28(1): 62-73.*
272. Hanifi A, Fathi MH, Mir Mohammad Sadeghi H, Varshosaz J. **Mg(2+) substituted calcium phosphate nano particles synthesis for non viral gene delivery application.** *J. Mater. Sci. Mater. Med. 2010 Aug;21(8):2393-401.*

273. F. Ahmadi, J. Varshosaz, J. Emami, N. Tavakoli, A. Fassihi, M. Minaiyan, F. Dorkoosh **Preparation and *in vitro/in vivo* evaluation of dextran matrix tablets of budesonide in experimental ulcerative colitis.** *Drug Delivery*, 2011; 18(2): 122–130.
274. J. Varshosaz, J. Emami, N. Tavakoli, A. Fassihi, M. Minaiyan, F. Ahmadi, F. Dorkoosh **Colon delivery of budesonide using solid dispersion in dextran for the treatment and prevent the development of ulcerative colitis.** *International Journal of Preventive Medicine*, 2010; 1(2): 115-123.
275. J. Varshosaz, S. Eskandari, M. Tabbakhian. **Freeze-drying of nanostructure lipid carriers by different carbohydrate polymers used as cryoprotectants.** *Carbohydr. Polym.* 2012, 88(4), 1157–1163.
276. J. Varshosaz, S. Ghaffari, MR Khoshayand, F. Atyabi, S. Azarmi, F. Kobarfard **Optimization of freeze-drying condition of amikacin solid lipid nanoparticles using D-Optimal experimental design.** *Pharmaceutical Development and Technology*. 2012. 17(2): 187-94.
277. J. Varshosaz, S. Eskandari, M. Minaiyan, M. Tabakhian **Factors affecting the production of nanostructured lipid carriers of valproic acid.** *J. Biomed. Nanotech.* 2013, 9(2):202-212.
278. M. Jannesari, J. Varshosaz, M. Morshed, M. Zamani. **Composite poly (vinyl alcohol)/poly (vinyl acetate) electrospun nanofibrous mats as a novel wound dressing matrix for controlled release of drugs.** *Int J Nanomed.* 2011, 6: 993–1003.
279. S. Eskandari, J. Varshosaz, M. Minaiyan, M. Tabakhian. **Brain delivery of valproic acid via intranasal administration of nanostructured lipid carriers: *In vivo* pharmacodynamic studies using rat electroshock model.** *Int J Nanomed.* 2011, 6:363-71.
280. J. Varshosaz, J. Emami, N. Tavakoli, A. Fassihi, M. Minaiyan, F. Ahmadi, F. Dorkoosh **Preparation of budesonide-dextran conjugates using glutarate spacer as colon-targeted drug delivery system: *in vitro/in vivo* evaluation in induced ulcerative colitis** *Journal of Drug Targeting*. 2011; 19(2): 140–153.
281. J. Varshosaz, J. Emami, N. Tavakoli, A. Fassihi, M. Minaiyan, F. Ahmadi, F. Dorkoosh **Effectiveness of budesonide-succinate-dextran conjugate as a novel prodrug of budesonide against acetic acid-induced colitis in rats** *International Journal of Colorectal Disease*. 2010; 10(25): 1159-65.
282. M. Zamani, M. Morshed, J. Varshosaz, M. Jannesari. **Controlled release of metronidazole benzoate from poly epsilon-caprolactone electrospun nanofibers for periodontal diseases.** *Eur J Pharm Biopharm.* 2010 Jun;75(2):179-85.
283. J. Varshosaz, S. Ghaffari, MR Khoshayand, F. Atyabi, S. Azarmi, F. Kobarfard **Development and optimization of solid lipid nanoparticles of amikacin by central composite design** *J Liposome Res.* 2010;20(2):97-104.
284. J. Varshosaz, M. Minaiyan, E. Moazen **Enhancement of oral bioavailability of pentoxifylline by solid lipid nanoparticles** *J Liposome Res.* 2010;20(2):115-23.
285. J. Varshosaz, M. Tabbakhian, M. Yegane Mohammadi **Formulation and optimization of solid lipid nanoparticles of buspirone HCl for enhancement of its oral bioavailability** *J Liposome Res.* 2010 Dec;20(4):286-96.

286. R Talari, J Varshosaz, A Mostafavi, A Nokhodchi **Gliclazide microcrystals prepared by two methods of in situ micronization: pharmacokinetic studies in diabetic and normal rats** *AAPS PharmSciTech*. 2010;11(2):786-92.
287. J. Varshosaz, N. Tavakoli, A. Serri **Preparation and in vitro characterization of piroxicam enteric coated pellets using powder layering technique.** *Pharmaceutical Development and Technology*. 2009;14(3):305-11.
288. J Varshosaz, S Eskandari, M Tabakhian **Production and optimization of valproic acid nanostructured lipid carriers by the Taguchi design** *Pharm Dev Technol*. 2010 Jan-Feb;15(1):89-96.
289. J. Varshosaz, J. Emami, N. Tavakoli, A. Fassihi, M. Minaiyan, F. Ahmadi, F. Dorkoosh **Synthesis and evaluation of dextran-budesonide conjugates as colon specific prodrug for treatment of ulcerative colitis** *International Journal of Pharmaceutics*. 2009; 365(1-2):69-76.
290. J Varshosaz, N Tavakoli, M Minayian, N Rahdari **Applying the Taguchi design for optimized formulation of sustained-release gliclazide chitosan beads: an in vitro/in vivo study** *AAPS PharmSciTech*. 2009
291. Emami, J; Varshosaz, J; Saljoughian, N **Development and evaluation of controlled-release buccoadhesive verapamil hydrochloride tablets** *Daru*. 2008
292. J. Varshosaz, R. Talari, S.A. Mostafavi, A. Nokhodchi **Dissolution enhancement of gliclazide using in situ microneutralization by solvent change method** *Powder Technology*. 2008
293. R. Talari, J. Varshosaz, S.A. Mostafavi, A. Nokhodchi **Dissolution enhancement of gliclazide using pH change approach in presence of twelve stabilizers with various physico-chemical properties.** *J Pharm Pharm Sci*. 2009;12(3):250-65
294. Kolahi, J; Soolari, A; Ghalayani, P; Varshosaz, J; Fazilaty, M. **Newly formulated chlorhexidine gluconate chewing gum that gives both anti-plaque effectiveness and an acceptable taste: a double blind, randomized, placebo-controlled trial** *J. Int. Acad. Periodontol*. 2008
295. J. Varshosaz **pH-sensitive polymers in cytoplasmic drug delivery** *Expert Opinion on Drug Delivery*. 2008
296. J. Varshosaz, F. Hassanzadeh, M. Mahmoudzadeh, A. Sadeghi **Preparation of cefuroxime axetil nanoparticles by rapid expansion of supercritical fluid technology** *Powder Technology*. 189(1): 2009, 97-102.
297. J. Varshosaz, M. Soheili **Production and in vitro characterization of lisinopril-loaded nanoparticles for the treatment of restenosis in stented coronary arteries** *Journal of Microencapsulation*. 2008 Oct;25(7):478-86
298. J. Varshosaz, M. Tabbakhian, Z. Salmani **Study of a thermosensitive chitosan/poloxamer blend based in situ gelling ophthalmic delivery system for ciprofloxacin** *Open Drug Delivery Journal*. 2008
299. J. Varshosaz, M. Tabbakhian, M. Zahrooni **Development and characterization of floating microballoons for oral delivery of cinnarizine by a factorial design** *Journal of Microencapsulation*. 2007;24(3):253-262
300. N. Tavakoli, J. Varshosaz, F. Dorkoosh and M.R. Zargarzadeh **Development and validation of a simple HPLC method for simultaneous in vitro determination of amoxicillin and metronidazole at single wavelength** *Journal of Pharmaceutical and Biomedical Analysis*. 2007;43:325-329

301. J. Varshosaz, S. Karimzadeh **Development of cross-linked chitosan films for oral mucosal delivery of lidocaine** *Research in Pharmaceutical Sciences*. 2007
302. Emami, J. Varshosaz, F. Ahmadi. **Preparation and evaluation of a liquid sustained-release drug delivery system for theophylline using spray-drying technique.** *Research in Pharmaceutical Sciences*. 2007;2(2):1-11.
303. A. Pardakhty, J. Varshosaz, A. Rouholamini **In vitro study of polyoxyethylene alkyl ether niosomes for delivery of insulin** *International Journal of Pharmaceutics*. 2007;328:130-141
304. J. Varshosaz **Insulin delivery systems for controlling diabetes** *Recent Patents on Endocrine, Metabolic & Immune Drug Discovery*. 2007;1:25-40
305. Tavakoli N., Varshosaz J., Dorkoosh F., Rezazadeh A. **Preparation and evaluation of a floating drug delivery system for diltiazem HCl** *Pharm. Sci*. 2007;:7-14
306. J. Varshosaz **The promise of chitosan microspheres in drug delivery systems** *Expert Opinion on Drug Delivery*. 2007;4(3):263-273
307. Jaleh Varshosaz, Sara Karimzadeh. **Development of cross-linked chitosan films for oral mucosal delivery of lidocaine.** *Research in Pharmaceutical Sciences*. 2007;1(2):67-75.
308. N. Tavakoli, J. Varshosaz, F. Dorkoosh, A. Rezazadeh. **Preparation and evaluation of a floating drug delivery system for diltiazem HCl.** *Pharmaceutical Sciences*, 2007; Winter, 7-14.
309. S Eskandari, J Varshosaz, G Akhavanfarid, G Hafizi. **Formulation and in-vitro characterization of extended release pellets of indomethacin using powder-layering technique.** *Research in Pharmaceutical Sciences*. 2007;2(2):43-52.
310. J. Varshosaz, A. Jaffarian Dehkordi, S. Golafshan. **Colon-Specific delivery of mesalazine using chitosan microspheres** *J. Microencapsulation*. 2006
311. Jaleh Varshosaz, Jabber Emami, Elham Jaffari **Comparison of hydrophilic natural gums and cellulosic polymers in formulation of sustained release matrix tablets of terbutalin sulfate** *Research in Pharmaceutical Sciences*. 2006;1(1):30-39
312. Jaleh Varshosaz, Fariba Jaffari, Sara Karimzadeh **Development of bioadhesive chitosan gels for topical delivery of lidocaine** *Scientia Pharmaceutica*. 2006;74:209-223
313. J. Varshosaz, N. Tavakoli , F. Roozbahani. **Formulation and in vitro characterization of ciprofloxacin floating and bioadhesive extended-release tablets** *Drug Delivery*. 2006
314. J. Varshosaz, H. Faghihian, K. Rastgoo. **Preparation and characterization of metoprolol controlled-release solid dispersions** *Drug Delivery*. 2006
315. Jafar Kolahi, Parichehr Ghalayani, Jaleh Varshosaz, **Systemic toxicity following ingestion of the chlorhexidine gluconate solution: A case report** *Journal of the International Academy of Periodontology*. 2006;8(2):45-46
316. J. Varshosaz, N. Tavakoli, and F. Kheirolah. **Use of hydrophilic natural gums in formulation of sustained-release matrix tablets of tramadol hydrochloride** *AAPS PharmSciTec*. 2006
317. J. Varshosaz, and R. Alinagari **Effect of citric acid as cross-linking agent on insulin loaded chitosan microspheres** *Iranian Polymer Journal*. 2005

318. J. Varshosaz, H. Sadrai, and A.R. Heidari **Nasal Delivery of Insulin Using Chitosan gels.** *Drug Delivery.* 2005
319. J. Varshosaz, A. Pardakhti, M. Hossaini. **Sorbitan monopalmitate based proniosomes for transdermal delivery of chlorpheniramine maleate** *Drug Delivery.* 2005
320. J. Varshosaz, N. Tavakoli, S. Ali Eram **Use of natural gums and cellulose derivatives in production of sustained release metoprolol tablets** *Drug Delivery.* 2006;13(2):113-9.
321. J. Varshosaz, M. Hajian. **Characterization of drug release and diffusion mechanism through hydroxyethyl methacrylate /methacrylic acid pH-sensitive hydrogel.** *Drug Delivery.* 2004
322. J. Varshosaz, H. Sadrai, R. Alinagari **Nasal delivery of insulin using chitosan microspheres** *J. Microencapsulation.* 2004
323. J. Varshosaz, A. Pardakhti, V. Hajhashemi, A. Rouholamini Najafabadi **Development and physical characterization of sorbitan monoester niosomes for insulin oral delivery.** *Drug Delivery.* 2003
324. J. Emami, J. Varshosaz, R. Tahvilian **High performance liquid chromatographic determination, pharmacokinetic and comparative bioavailability studies of cisapride** *Journal of Pharmaceutical & Biomedical Analysis.* 2003
325. J. Varshosaz, N. Koupai. **Cross-linked poly (vinyl alcohol) hydrogel: study of swelling and drug release behavior.** *Iranian Polymer Journal.* 2002
326. J. Varshosaz, Z. Dehghan. **Development and characterization of buccoadhesive nifedipine tablets** *European Journal of Pharmaceutics & Biopharmaceutics.* 2002
327. J. Varshosaz, N. Tavakoli, S. Saidian. **Development and physical characterization of a periodontal bioadhesive gel of metronidazole** *Drug Delivery.* 2002
328. J. Varshosaz, T. Gazori. **Effect of structural variables on the drug release properties through the polymeric network of calcium alginate prepared by Ionotropic gelation.** *Research in Medical Sciences.* 2002
329. J. Varshosaz, J. Emami, S. Hashemi. **Influence of different solid dispersion techniques upon the release of dimenhydrinate from chewing-gum formulations.** *Scientia Pharmaceutica.* 2002
330. J. Varshosaz, M. Keihanfar **Development and evaluation of sustained release propranolol wax microspheres** *Journal of Microencapsulation.* 2001
331. J. Varshosaz, M. Falamarzian **Drug diffusion mechanism through pH-sensitive hydrophobic / polyelectrolyte hydrogel membrane** *European Journal of Pharmaceutics & Biopharmaceutics.* 2001
332. J. Varshosaz, T. Ghafghazi, A. Raissi, M. Falamarzian **Biopharmaceutical characterization of oral theophylline and aminophylline tablets. Quantitative correlation between dissolution and bioavailability studies** *European Journal of Pharmaceutics & Biopharmaceutics.* 2000
333. J. Varshosaz, T. Ghafghazi, A. Raissi, M. Falamarzian **Study of the dissolution rate of theophylline and aminophylline tablets by rotating basket and paddle methods** *Research Bulletin of Isfahan University.* 1999;11(1):131-140
334. M. Falamarzian, J. Varshosaz **The effect of structural changes on swelling kinetics of polybasic/hydrophobic pH-sensitive hydrogels** *Drug Development and Industrial Pharmacy.* 1998

335. J. Varshosaz, R.A. Kennedy, E.M. Gipps. **Effect of Binder level and granulating liquid on phenylbutazone pellets prepared by extrusion-spheronization** *Drug Development and Industrial Pharmacy*. 1997
336. J. Varshosaz, R.A. Kennedy, E.M. Gipps. **Use of enteric polymers for production of phenylbutazone microspheres by extrusion-spheronization.** *Pharmaceutica Acta Helvetiae*. 1997
337. M. Falamarzian, J. Varshosaz **Swelling characteristics of hydroxyethylmethacrylate/methacrylic acid pH-sensitive hydrogel as a drug delivery system** *Daru*. 1996

۳۳۸. محمد خادم‌لو- آبتین حیدرزاده- ژاله ورشوساز بررسی تاثیر تجویز مکمل سولفات روی به زنان شیرده بر رشد و تکامل شیرخواران مجله دانشگاه علوم پزشکی مازندران ۱۳۸۴

۳۳۹. عباس پرداختی- ژاله ورشوساز- ولی الله حاج هاشمی- عبدالحسین روح الامینی فرمولاسیون نیوزومهای حاوی انسولین و بررسی اثر تجویز خوراکی آنها بر کاهش قند خون موشهای صحرایی دیابتی مجله دانشگاه علوم پزشکی کرمان ۱۳۸۴

۳۴۰. کلاهی کازرانی جعفر, غلیانی پریچهر, ورشوساز ژاله. گزارش یک مورد مسمومیت سیستمیک به دنبال بلع محلول کلر هگزیدین گلوکونات ۲۰%. مجله دندانپزشکی دانشگاه علوم پزشکی تهران - ۱۳۸۲ - دوره: ۱۶ - شماره: ۲ - صفحه: ۷۹-۸۳

Books

1. J. VARSHOSAZ, LIPID-BASED NANOPARTICLES FOR ENHANCING ORAL BIOAVAILABILITY OF DRUGS, IN: SEA-FUE WANG, BIOCOMPATIBLE NANOMATERIALS: SYNTHESIS, CHARACTERIZATION AND APPLICATIONS, *NOVA PUBLISHER*. 2010.
2. A. FATTAHI AND J. VARSHOSAZ, WHAT ARE THE LIMITATIONS OF CHITOSAN USE IN NON-VIRAL GENE DELIVERY AND HOW TO OVERCOME THEM? IN: SEA-FUE WANG, BIOCOMPATIBLE NANOMATERIALS: SYNTHESIS, CHARACTERIZATION AND APPLICATIONS, *NOVA PUBLISHER*. 2010.
3. J. Varshosaz, Nanotechnology and its Applications in Medical Sciences 1st ed., Isfahan, Isfahan University of Medical Sciences, 2004.
4. J. Varshosaz, Drug Information, 1st ed., Isfahan, Isfahan University of Medical Sciences, 2004.
5. J. Varshosaz, Liposomes, Technology and Applications, 1st ed., Isfahan, Isfahan University of Medical Sciences, 2004.

Conferences

1. Maryam haghghi, Jaleh Varshosaz. Polyelectrolyte complexes as an approach for sustain delivery of Metformin. 13th International Seminar on Polymer Science and Technology . 19-22 Nov 2018, Amir Kabir University of Technology. Tehran.
2. Sadaf safaei, Jaleh Varshosaz. Enhancement of Drug Solubility: Review Abstract Articles. Pharmacy Updates 2018, Shahid Beheshti University of Medical Sciences.
3. Somayeh Taymouri, Jaleh Varshosaz, Fatemeh Rastegarnasab. Nanocomposite Gels for Controlled Topical Delivery of Simvastatin. Pharmacy Updates 2018, Shahid Beheshti University of Medical Sciences.
4. Setareh Jandaghian, Jaleh Varshosaz Co-delivery of Curcumin and Imatinib by Nanostructured Lipid Carriers in the Treatment of Lymphoma. Pharmacy Updates 2018, Shahid Beheshti University of Medical Sciences.
5. Sana P. Chegini, Rokhsareh Meamar, Jaleh Varshosaz. Co- delivery of Venlafaxine and Doxycycline by films of Cellulose Nanofibers for diabetic foot ulcers. Pharmacy Updates 2018, Shahid Beheshti University of Medical Sciences.
6. Jaleh Varshosaz, Erfaneh Ghassami, Abdollah Noorbakhsh, Mohsen Minayian, Ali Jahanian, Aptamer conjugated Ecoflex nanoparticles for targeted delivery of docetaxel in ovarian cancer. 7th International Congress on Nano Science & Nanotechnology: Basic and Applications (ICNBA 2017), Famagusta, Cyprus, September 7-8, 2017.
7. Jaleh Varshosaz, Folate targeted dextran-stearate micelles for delivery of etoposide in colorectal cancer. The 7th Iranian Controlled Release Conference (ICRC 2017), Kerman 2017.
8. Jaleh Varshosaz, Drug Targeting techniques. The 7th Iranian Controlled Release Conference (ICRC 2017), Kerman 2017.
9. Jaleh Varshosaz, Lipid nanocapsules of letrozole for delivery to estrogen positive breast cancer cells: development, optimization and cell culture characterization. The 7th Iranian Controlled Release Conference (ICRC 2017), Kerman 2017.
10. Fatemeh Nasrollahi, Jaleh Varshosaz, Abbasali Khodadadi. Graphene Oxide Nano Particles for Delivery and Controlled Release of Hydrophobic Drugs. Sixth International Conference on Nanostructures (ICNS6). Kish Island 2015.
11. Parisa Shirazaki , Anooshe Zargar Kharazi , Jaleh Varshosaz. Cross - linked gelatin / poly (glycerol sebacate) (PGS) Membrane as a Potential Scaffold for Skin Tissue Engineering and Drug Delivery. 1st International and 3rd National Congress of Wound Healing and Tissue Repair. Tehran 2016.
12. Yazdekhasti S, Varshosaz J. Comparing the effect of different surfactants in solubility enhancement of tacrolimus nanosuspensions. Asian Nano Forum Conference, Kish Island, 11-13 March 2015.
13. Jaleh Varshosaz, Mohsen Minaiyan, Mohammad Reza Zaki, Milad Fathi. Pulmonary delivery of bupropion HCl using agar nanospheres. Asian Nano Forum Conference, Kish Island, 11-13 March 2015.
14. S. Setayesh and J. Varshosaz, Targeted delivery of docetaxel in solid tumors using magnetic nanomicelles. Asian Nano Forum Conference, Kish Island, 11-13 March 2015.

15. Soghrati S , Varshosaz J , Behdadfar B , Magnetic nanoparticles of montelukast designed for prevention of instent restenosis. Asian Nano Forum Conference, Kish Island, ۱۱-۸March 2015.
16. Jaleh Varshosaz, Somayeh Taymouri, Farshid Hassanzadeh, Shaghayegh Haghjooye Javanmard, Targeted delivery of docetaxel in melanoma Bearing mice by folated Pluronic F127-cholesterol polymeric micelles. Asian Nano Forum Conference, Kish Island, ۱۱-۸March 2015.
17. Mehnush Banitalebi, Jaleh Varshosaz, Farshid Hassanzadeh, Hojjat Sadeghi, Mohammad Nayebsadrian, Mahbubeh Rostami, Elahe Moazen . Synthesis and characterization of folate-targeted micellar nanocapsules of cyclodextrin/retinoic acid. 5th International Conference on NanoStructures. Kish Island, 6-9 March 2014.
18. Milad Fathi, Mohebbat Mohebbi, Jaleh Varshosaz, Maryam Mirlohi, Fakhri Shahidi . Production of Novel Nanocarrier for Protection of Food bioactives using Electrostatic Coacervation Method . 5th International Conference on NanoStructures, Kish Island, 6-9 March 2014.
19. فردین تمجیدی-محمد شاهی-ژاله ورشوساز-علی نصیرپور حامل های لیپیدی نانوساختار: یک 21st National Congress of Food Science and Technology; Shiraz-Iran; 7-9 Aban 1392; Oct 29-31, 2013 .
پایه هیدروژل به فعالی زیست ژاله. القاء خاصیت محمد ورشوساز حسین فتحی، سید محسن لطیفی،
• دومین همایش ملی NCWNN1394 سیلیکا. - آپاتیت ذرات کامپوزیتی هیدروکسی نانو از استفاده با کیتوسان
و کارگاه های تخصصی علوم و فنون نانو. ۳۰ و ۳۱ اردیبهشت ۹۴-کرج
21. فردین تمجیدی-محمد شاهی-ژاله ورشوساز-علی نصیرپور . اثر میزان روغن و سورفکتانت بر 21st National Congress of Food Science and Technology; Shiraz-Iran; 7-9 Aban 1392; Oct 29-31, 2013
• شیمیایی و خصوصیات فیزیکی و لیپیدی نانوساختار حاوی آستازانتین.
22. Jaleh Varshosaz, Mohsen Minayian, Esmaeil Mollanoori Polyhydroxy butyrate nanoparticles for colon targeted delivery of ketotifen. NanoSciTech- -2014, Panjab University, Chandigarh, India February 13-15, 2014
23. Marziyeh jannesari, mohammad morshed, Jaleh Varshosaz. Biomedical electrospun nanofibers of PVA loaded with an antibiotic drug using a mixed solvent. 5th International Conference on NanoStructures, Kish Island, 6-9 March 2014
24. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Banitalebi, M. Nayebsadrian Folate-targeted micellar nanocapsules of dextran/retinoic acid for doxorubicin delivery in acute leukemia. 3ed conference of Nanostructures, March, 2012, Kish
25. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, S. Andalib. Retinoic acid conjugated nanostructured lipid carriers for targeted delivery of 5-FU in colorectal carcinoma. *The 54th Iranian Controlled Release Conference, Mashhad 4-6 October 2011*
26. A. Khajavinia, J. Varshosaz, A. Jafarian. *The 54th Iranian Controlled Release Conference, Mashhad 4-6 October 2011*

27. M. Fathi, J. Varshosaz, M. Mohebbi, F. Shahidi. Stability investigation of Hespertin loaded nanocarrier . Nano Thailand 2012 Conference, Thailand 9-11 Apr 2012.
28. N. Tavakoli, J. Varshosaz, M. Abbasi Niko . Montmorillonite nanocomposite for oral controlled delivery of donepezil. *3ed international conference of Nanotechnology*,
29. August 7-9, 2012, Canada
30. J. Varshosaz . Lipid-based Nanoparticles as promising colloidal drug carriers . 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
31. J. Varshosaz, A. Jafarian, G. Salehi. Liver Targeted delivery of quercetin in hepatocellular carcinoma by phytosterol containing solid lipid nanoparticles. 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
32. J. Varshosaz, M. Minaiyan, Nafiseh Khalegi. Nanoencapsulation of silibin with Eudragit RL for colon targeted delivery. 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
33. Zahra Larian, Jaleh Varshosaz, Farshid Hassanzadeh, Mahboubeh Rostami, Synthesis of poly(methy vinyl ether-alt-maleic acid)/Pluronic F127 co-polymer used in drug delivery. 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
34. Jaleh Varshosaz, Farshid Hassanzadeh, Hojjat Sadeghi, Mohammad Nayebzadrian, Mehnoush Banitalebi. Cytotoxicity of doxorubicin loaded in folate-targeted micelles of dextran/retinoic acid in acute leukemia. 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
35. Seyed Mohsen Latifi, Mohammad Hosein Fathi, Jaleh Varshosaz . Synthesis of novel porous silica-apatite composite powder by sol-gel method. 13th Iranian pharmaceutical Sciences Conference Sep 3-6 2012, Isfahan-Iran
36. Jaleh Varshosaz, Abbas Jafarian Dehkordy, and Amir Khajavinia. Comparison of Two Methods of Conjugation of Tranferrin to Nanostructured Lipid Carriers International Conference on Chemical, Biological and Medical Sciences (ICCBMS'2012) August 25-26, 2012, Kuala Lumpur –Malaysia.
37. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Banitalebi, M. Nayebzadrian. . *3ed conference of Nanostructures 2011, Kish*
38. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, S. Andalib. Nanostructured lipid carriers containing retinoic acid conjugate for enhanced cytotoxic effects of 5-FU in colorectal cancer. *The 54th Iranian Controlled Release Conference, Mashhad 4-6 October 2011.*
39. J. Varshosaz, F. Hassanzadeh, H. Sadeghi, M. Banitalebi, M. Nayebzadrian, A. Fattahi. Synthesis and characterization of folate-targeted micellar nanocapsules of dextran / retinoic acid. *2nd International Conference on Nanotechnology: Fundamentals and Applications Ottawa, Ontario, Canada, 28-29 July 2011.*
40. J. Varshosaz, V. Hajhashemi, S. Soltanzadeh. Production and *in vitro/in vivo* evaluation of lipid nano capsule-based gel of ketorolac tromethamine.

2nd International Conference on Nanotechnology: Fundamentals and Applications

Ottawa, Ontario, Canada, 28-29 July 2011.

41. J. Varshosaz, M. Jannesari, Mohammad Morshed, J. Abedi Koupaei. Effect of PVA/PVAc ratio on drug release behaviour from electrospun nanofibrous scaffolds. *2nd International Conference on Nanotechnology: Fundamentals and Applications*

Ottawa, Ontario, Canada, 28-29 July 2011.

42. J. Varshosaz, M. Minayian, E. Moazen Solid lipid nanoparticles for enhancing oral bioavailability of pentoxifylline. *3rd conference of Nanostructures 2010, Kish*

۴۳. تهیه نانوالیاف کامپوزیتی پلی کاپرولاکتون/پلی اتیلن گلیکول حاوی نانوذرات شیشه زیست فعال و

ارزیابی خواص مکانیکی و زیست فعالی. منیره کوهی، محمد مرشد، ژاله ورشوساز، محمد حسین

فتحی. 8th National Conference on Textile Engineering- October 2011- Yazd, Iran..

۴۴. منیره کوهی، محمد مرشد، ژاله ورشوساز، محمد حسین فتحی. تهیه و ارزیابی نانوالیاف پلی کاپرولاکتون

حاوی داروی سیمواستاتین و نانوذرات شیشه زیست فعال جهت رهایش کنترل شده دارو. 8th National

Conference on Textile Engineering- October 2011- Yazd, Iran

45. J. Varshosaz Oral delivery of peptides and proteins *WHO Workshop of Formulation and Stability of Peptides and Proteins. 2010; Isfahan*

46. S. Eskandari, J. Varshosaz, M. Tabakhian Applying the Taguchi method and Response Surface design for optimized fabrication of nasal nano-lipid carriers of valproic acid *The 4th Iranian Controlled Release Conference 2009; Zanjan*

47. F. Firozian, J. Varshosaz Dissolution enhancement of carvedilol by in situ micronization technique *The 4th Iranian Controlled Release Conference, 2009; Zanjan*

48. J. Varshosaz Use of response surface methodology in production and optimization of solid lipid nanoparticles *The 4th Iranian Controlled Release Conference. 2009; Zanjan*

49. S. Ghaffari, J. Varshosaz, F. Atyabi, M.R. Khoshaiand, F. Kobarfard, S. Azarmi Experimental Design For Optimization of Amikacin Solid Lipid Nanoparticles *CRS. 2009; Denmark*

50. J. Varshosaz, M. Tabbakhian, M.Yegane Mohammadi Formulation and Optimization of Buspirone Solid Lipid Nanoparticles *CRS. 2009; Denmark*

51. J. Varshosaz, N. Tavakoli, M. Ghasemloo Microcrystallization of Piroxicam by Polyoxyethylene(23) lauryl ether and Poly(ethylene oxide)–poly(propylene oxide)–poly(ethylene oxide) Block Copolymer *9th International Seminar on Polymer Science and Technology, 2009; Tehran*

52. J. Varshosaz Solid lipid nanoparticles as drug carriers *Iran-India Joint Conference on Nanotechnology. 2009; Isfahan*

53. J. Abedi-Koupai, J. Varshosaz, and M. Mesforoosh. Controlled release of microcapsule fertilizer using ethylene vinyl acetate polymer. *XVIth International Conference on Bioencapsulation, Dublin, Ireland. Sept 4-6, 2008.*
54. J. Varshosaz, M. Morshed, M. Zamani. Encapsulation of metronidazole benzoate in poly caprolactone nanofibers. . *XVIth International Conference on Bioencapsulation, Dublin, Ireland. Sept 4-6, 2008.*
55. N. Tavakoli, J. Varshosaz, A. Jaffarian, A. Eghtesad Preparation and evaluation of a floating drug delivery system for calcium acetate *CPT. 2008; Quebec*
56. F. Dorkoosh, J. Varshosaz, N. Tavakoli Developing nanoparticulate drug delivery systems *تهران: سامانه های نوین دارورسانی، ۲۰۰۷ سومین همایش*
57. Rahmani, Dorkoosh, Varshosaz, Emami Development and validation of reversed phase HPLC method for determination of budesonide in dissolution media and pharmaceuticals *PSWC 2007, . 2007; Netherland*
58. J. Varshosaz, R. Talari, A. Mostafavi, A. Nokhodchi Dissolution and bioavailability enhancement of gliclazide using in situ micronization by pH change method *تهران: سامانه های نوین دارورسانی، ۲۰۰۷ سومین همایش*
59. J. Varshosaz Drug delivery to the central nervous system *سامانه سومین همایش تهران: های نوین دارورسانی، ۲۰۰۷*
60. J. Varshosaz Minaiyan M, Rahdari N Effects of Glyclizide Chitosan Microspheres on Normal and Diabetic Rats *فیزیولوژی نوزدهمین کنگره مشهد: فارماکولوژی، ۲۰۰۷*
61. J. Varshosaz , N. Tavakoli, S. Farajollahi Formulation and in vitro characterization of mucoadhesive buccal tablets of clozapine *سامانه سومین همایش تهران: های نوین دارورسانی، ۲۰۰۷*
62. J. Varshosaz, N. Tavakoli, A. Serry Oral delivery of piroxicam enteric coated pellets prepared by centrifugal method *سامانه های نوین دارورسانی، سومین همایش تهران؛ ۲۰۰۷*
63. J. Varshosaz, M. Tabbakhian, F. Dorkoosh, Z. Salmani Preparation and characterization of a thermosensitive Pluronic/chitosan blend based in situ gelling for ophthalmic delivery of ciprofloxacin *سامانه های نوین سومین همایش تهران: دارورسانی، ۲۰۰۷*
64. J. Varshosaz, M. Nabimeibodi Preparation and evaluation of nanosuspension for enhancing the dissolution of perphenazin *سامانه های نوین سومین همایش تهران: دارورسانی، ۲۰۰۷*
65. J. Varshosaz, F. Hassanzadeh, Mahmoodpur, Sadeghi Preparation of cefuroxime axetile nanoparticles by rapid expansion of supercritical fluid technology *FIP. 2007; Beijing, China*
66. J. Varshosaz, M. Soheili, L. Zoheidi Production and in vitro characterization of nanoparticles of lisinopril for the treatment of restenosis in stented coronary arthritis *FIP Beijing. 2007; China*

67. Ahmadi, Dorkoosh, Varshosaz, Fassihi Synthesis of budesonide-dextran esters as potential prodrugs for colon specific delivery *PSWC. 2007; Netherland*
68. J. Varshosaz, N. Tavakoli, A. Shahsanaii Colon targeted delivery of celecoxib using polysaccharide binders in matrix tablets *33rd CRS. 2006; Vienna*
69. E. Jafaree, J. Varshosaz, J. Emami Comparison of hydrophilic natural gums and synthetic polymers in formulation of sustained-release matrix tablets of terbutalin sulfate *تهران شهید بهشتی؛ علوم دارویی، ۲۰۰۶ دهمین همایش*
70. J. Varshosaz, M. Tabbakhian, M. Zahrooni Development and characterization of floating microballoons for oral delivery of cinnarizine by a factorial design *تهران شهید بهشتی؛ علوم دارویی، ۲۰۰۶ دهمین همایش*
71. J. Varshosaz, F. Jaffari, S. Karimzadeh, R. Talari Development of bioadhesive chitosan gels for topical delivery of lidocaine *علوم دارویی، ۲۰۰۶ دهمین همایش؛ تهران شهید بهشتی*
72. J. Varshosaz, N. Tavakoli, M. Memar Formulation of metoprolol intragastric floating beads *13th International Pharmaceutical Technology Symposium. 2006; Antalya*
66. Pardakhty, J. Varshosaz, S.M. Hossaini Kinetic release of chlorpheniramine maleate from different vesicular, proniosomal and topical formulations *33rd CRS. 2006; Vienna*
67. J. Varshosaz, F. Firozian Oromucosal delivery of lorazepam using rapid and mucoadhesive sublingual tablets *تهران، شهید بهشتی؛ علوم دارویی، ۲۰۰۶ دهمین همایش*
68. J. Varshosaz, H. Faghihian, K. Rastgoo Preparation and characterization of metoprolol controlled-release solid dispersion *علوم دارویی، ۲۰۰۶ دهمین همایش؛ تهران شهید بهشتی*
69. N. Tavakoli, J. Varshosaz, A. rezazadeh, F. Dorkoosh Preparation and evaluation of a floating drug delivery system for diltiazem HCl *33rd CRS. 2006; Vienna*
70. Pardakhty, J. Varshosaz, , S.M. Hosseini Release kinetic of chlorpheniramine maleate from different vesicular, proniosomal and topical formulations *دهمین همایش تهران شهید بهشتی؛ علوم دارویی، ۲۰۰۶*
71. F. Ahmadi, J. Varshosaz, A. Fassihi Synthesis of budesonide-dextran ester as potential prodrug for colon specific delivery *علوم دارویی، ۲۰۰۶ دهمین همایش؛ تهران شهید بهشتی*
72. J. Varshosaz, R. Alinagari Effect of citric acid as cross-linking agent on insulin loaded chitosan microspheres *15th International Symposium of Microencapsulation. 2005; Italy*

73. N. Tavakoli, J. Varshosaz, A. Ilani Preparation and drug release study of oral colon targeted delivery system for metronidazole *3d EUFEPS Congress. 2005; France*
74. J. Varshosaz, A. Jafarian, S. Golafshan Colon-specific delivery of mesalazine using Bioadhesive chitosan microspheres *12th International Pharmaceutical Technology Symposium. 2004; Turkey*
75. N. Tavakoli, J. Varshosaz, M. R. Zargarzadeh Development and validation of a simple HPLC method for simultaneous determination of amoxicillin and metronidazole during in vitro studies *The 4th International Postgraduate Research Symposium on Pharmaceuticals. 2004; Turkey*
76. J. Varshosaz, N. Tavakoli, F. Roozbehani Formulation of floating-bioadhesive tablets of ciprofloxacin for gastric drug delivery *9th Iranian Conference of Pharmaceutical Sciences. 2004; Tabriz*
77. A. Pardakhty, J. Varshosaz, V. Hajshemi, A. Rouholamini Hypoglycemic effects of orally administered niosome-entrapped human insulin in diabetic rats *12th International Pharmaceutical Technology Symposium. 2004; Turkey*
78. R. Tahvilian, J. Emami, J. Varshosaz, M. Falamarzian Preparation of a buccoadhesive tablet of cisapride, evaluation of buccal absorption and comparison of its bioavailability with standard oral dosage form *12th International Pharmaceutical Technology Symposium. 2004; Turkey*
79. J. Emami, J. Varshosaz, A. Ghiasi Production and in vitro evaluation of sustained release suspension of theophylline by spray drying technique *9th Iranian Conference of Pharmaceutical Sciences. 2004; Tabriz*
80. R. Talari, J. Varshosaz Production of mucoadhesive microspheres of alginate by emulsification method for nasal delivery of verapamil *9th Iranian Conference of Pharmaceutical Sciences. 2004; Tabriz*
81. J. Varshosaz, Z. Dehghan Development and characterization of buccoadhesive nifedipine tablets *Cardiology Update. 2003; Switzerland, Davos*
82. J. Varshosaz, H. Sadrai, R. Alinajari Nasal delivery of insulin using chitosan microspheres *New challenges in drug delivery. 2003; Paris, Versailles*
83. A. Pardakhti, J. Varshosaz, V. Hajshemi, A. Rouholamini, S. Jabbari Release kinetic study of encapsulated insulin from neutral, negatively and positively charged niosomes and protection of drug against proteolytic enzymes *1st EUFEPS Congress. 2003; France*
84. J. Varshosaz, J. Emami, S. Hashemi Effect of different techniques of solid dispersion of dimenhydrinate on its release from chewing gum base *6th Iranian Conference of Pharmaceutical Sciences. 2002; Shiraz*

85. J. Emami, J. Varshosaz, Salgooghian Formulation and in vitro evaluation of buccoadhesive tablets of verapamil *6th Iranian Conference of Pharmaceutical Sciences. 2002;*
86. J. Varshosaz, H. Sadraii, A. Heidari Nasal delivery of insulin by bioadhesive chitosan gels *The First Novel Drug Delivery Systems Conference. 2002; Tehran*
87. J. Varshosaz, H. Sadraii, Alinagari Preparation and in vitro/in vivo evaluation of chitosan microspheres for nasal delivery of insulin *The First Novel Drug Delivery Systems Conference. 2002; Tehran*
88. J. Varshosaz, A. Pardakhti, Hosseini Baharanchi Production and evaluation of proniosomal gels of chlofeniramine maleate for transdermal drug delivery *The First Novel Drug Delivery Systems Conference. 2002; Tehran*
89. J. Varshosaz, Keihanfar Study the effective processing variables on production of wax microspheres by congealable dispersion microencapsulation using full factorial design *6th Iranian Conference of Pharmaceutical Sciences. 2002; Shiraz*
90. J. Emami, J. Varshosaz, R. Tahvilian Cisapride determination in biological fluids by HPLC method *The first Iranian Conference of Methodology in Pharmaceutical Sciences. 2000; Mashhad*
91. J. Emami, J. Varshosaz, Ghaffouri In vivo bioavailability study of generic metronidazol and Flagil *The first Iranian Conference of Methodology in Pharmaceutical Sciences. 2000; Mashhad*
92. J. Varshosaz, N. Tavakoli, S. Saidian Production and evaluation of bioadhesive gel of metronidazole for treatment of peridontal diseases *7th Iranian Conference of Pharmaceutical Sciences. 2000; Mashhad*
93. A. Pardakhti, J. Varshosaz, V. Hajhashemi, A. Rouholamini Production and in vitro evaluation of niosomal formulation of insulin *LThe first Iranian Conference of Methodology in Pharmaceutical Sciences. 2000; Mashhad*
94. M.A. Shatalebi, J. Varshosaz, R. Gamshidi Production of transdermal nicotin patch *Novel delivery systems for biologically active agents. 2000; tehran*
95. J. Varshosaz, M. Keihanfar Contribution of process variables to the entrapment efficiency of propranolol wax microspheres *The Pharmaceutical Technology. 1999; Netherland*
96. N. Tavakoli, J. Varshosaz, M. Zargarzadeh, Z. Madani The topical formulation of MPA and evaluation of drug percutaneous absorption *The second international clinical pharmacy conference. 1999; عمان*

97. J. Varshosaz, M. Falamarzian Diffusion mechanism of drugs from methylmethacrylate/dimethylaminoethyl methacrylate hydrogel *6th Iranian Conference of Pharmaceutical Sciences. 1998; Isfahan*
98. J. Varshosaz, Z. Dehghan Production and evaluation of buccoadhesive tablets of nifedipine *6th Iranian Conference of Pharmaceutical Sciences. 1998; Isfahan*
99. J. Varshosaz, Z. Dehghan, N. Koupai Study the effective factors of structural polymer matrix of cross-linked PVA on drug release *6th Iranian Conference of Pharmaceutical Sciences. 1998; Isfahan*
100. J. Varshosaz, T. Gazori Use of calcium alginate gel beads for controlled release of drugs *6th Iranian Conference of Pharmaceutical Sciences. 1998; Isfahan*
101. J. Emami, J. Varshosaz, M.R. Amirsadri Preparation of sustained release theophylline and its in vitro evaluation *The 4th European symposium on Pharmaceutical Technology. 1997; Vienna*
102. J. Varshosaz, M. Falamarzian Study the effect of methacrylic acid content on physical properties of pH-sensitive hydrogels of hydroxyethyl methacrylate/methacrylic acid *5th Iranian Conference of Pharmaceutical Sciences. 1997; Tehran*
103. J. Varshosaz, M. Falamarzian Study the physicochemical properties of drugs on their release from HEMA/MAA hydrogel *5th Iranian Conference of Pharmaceutical Sciences. 1997; Tehran*
104. M. Falamarzian, J. Varshosaz Swelling kinetics of polybasic/hydrophobic pH-sensitive hydrogels with different structural changes *The Pharmaceutical Technology. 1997; Greece*
105. J. Varshosaz, M. Falamarzian The effect of drug water solubility and polymer hydration on diffusion characteristics of polycationic pH sensitive hydrogels *The Pharmaceutical Technology. 1997; Greece*
106. Use of medicinal plants as excipients in pharmaceutical industry *The first Conference on Medicinal Plants and Industry. 1997; Shiraz*

Finished Research Projects

۱. تهیه قرصهای سیترات پتاسیم در برون تن

۲. بررسی تاثیر ارائه مکمل سولفات روی به زنان شیرده بر رشد و تکامل شیرخواران

۳. طراحی فرمولاسیون و بررسی اثربخشی آدامس حاوی کلرگزیدین در پیشگیری از تشکیل پلاک دندانی به روی دانشجویان دانشکده دندانپزشکی دانشگاه علوم پزشکی اصفهان
۴. طراحی فرمولاسیون و بررسی اثربخشی آدامس حاوی فلوراید در پیشگیری از تشکیل پلاک دندانی به روی دانشجویان دانشکده دندانپزشکی دانشگاه علوم پزشکی اصفهان
۵. بررسی اثر میکروسفیرهای کیتوزان حاوی گلی کلایزید بر روی قند خون راتهای دیابتی شده با استرپتوزوتوسین در رات
۶. بررسی امکان استفاده از پلی سوربیت ۲۰ در تهیه پرونیوزومهای کلرفنیرآمین مالئات
۷. بررسی آزادسازی کلرفنیرآمین مالئات از کریستالهای مایع پرونیوزومی با استفاده از پوست انسان
۸. بررسی خواص کیتوزان تهیه شده از پوسته خرچنگ دریایی جهت کاربرد در سیستم های نوین داروسازی و صنایع دارویی
۹. تهیه و ارزیابی نانوذرات سفوراکسیم آکستایل به روش CO₂ مایع فوق بحرانی جهت بهبود انحلال آن
۱۰. تهیه و ارزیابی برون تن نانو پار تیکلهای لیزینوپریل جهت بارگذاری بر استنتهای کرونری
۱۱. تهیه نانو ذرات لیپیدی داخل بینی والپروئیک اسید به روش امولسیون سازی با دیفوزیون حلال
۱۲. تهیه و ارزیابی نانوفایبرهای پلی کاپرولاکتون حاوی داکسی سایکلین به روش spinning-scaffold جهت درمان عفونتهای پریودنتال
۱۳. تهیه و ارزیابی نانوفایبرهای پلی کاپرولاکتون حاوی سیپروفلوگراسین به روش spinning-scaffold جهت تهیه بانداژهای ضد زخم سوختگی
۱۴. دارورسانی خوراکی بنتوکسی فیلین با استفاده از نانو ذرات لیپیدی به طور هدفمند به عروق لنفاوی
۱۵. تهیه و ارزیابی نانو ذرات یودراژیت RL/RS بار شده با کارودیلول
۱۶. لیوفیلیزاسیون نانوذرات لیپیدی آمیکاسین
۱۷. تهیه و ارزیابی برون تن نانو ذرات زیست چسب متصل شده به لکتین جهت بارگذاری کارودیلول
۱۸. تهیه و ارزیابی برون تن پودر قابل استنشاق (DPI) کارودیلول جهت دارورسانی به ریه
۱۹. افزایش حلالیت فنوفیرات به روش اسپری درآیننگ
۲۰. تهیه و ارزیابی برون تن و درون تن میسلهای هدفمند فولاته تهیه شده از پلورونیک-مشتقات کلسترول جهت حمل دوسه تاکسل در درمان ملانوما در موش VVBL5C
۲۱. تهیه و ارزیابی برون تن نانو ذرات گرافن عامل دار برای دارورسانی هدفمند و رهایش کنترل شده داروی دستاکسل
۲۲. بررسی امکان نانوانکپسولاسیون ویتامین E توسط نانوالیاف پایه دکستران با استفاده از تکنیک الکتروریسی
۲۳. افزایش حلالیت دومپریدون با استفاده از میکرو کریستالیزاسیون به روش تغییر حلال

Theses Supervision

۱. تولید و ارزیابی حامل های لیپیدی نانو ساختار حاوی آستازانتین و غنی سازی آب جو بدون الکل با آن
۲. بررسی تاثیر کاربرد آزیترومايسين سيستمیک و موضعی همراه جرم گیری و تسطیح سطوح ریشه بر شاخصهای کلینیکی و میکروبیولوژیک پریودونتال در پریودونتیت مزمن
۳. تهیه پلیمرهای پلوان- توکوفریل سوکسینات و فولیک اسید حامل متوترکسات سین به عنوان سامانه هدفمند دارورسانی و بررسی سمیت سلولی آن بر روی رده سلولی MCF-7 و Hela
۴. تهیه پلیمرهای پلوان- رتینوئیک اسید و بیوتین حامل دوکسوروبی سین به عنوان سامانه هدفمند دارورسانی و بررسی سمیت سلولی آن بر روی رده سلولی MCF-7
۵. طراحی و ساخت نانوسیستمهای هدفمند poly(ethylene-co-vinyl alcohol)-folic acid ساخته شده از پلیمر زیست کند تخریب پذیر poly(ethylene-co-vinyl alcohol) و بررسی پروفایل آزادسازی متوترکسات از سیستم مزبور بر اثر تغییرات دما و بررسی سایتوتوکسیسیته این سیستم ها بر سلولهای MCF-7 برای درمان سرطان سینه
۶. طراحی و ساخت نانوسیستمهای هدفمند poly(ethylene-co-vinyl alcohol)-retinoic acid ساخته شده از پلیمر زیست کند تخریب پذیر poly(ethylene-co-vinyl alcohol) و بررسی پروفایل آزادسازی متوترکسات از سیستم مزبور بر اثر تغییرات دما و بررسی سایتوتوکسیسیته این سیستم ها بر سلولهای MCF-7 برای درمان سرطان سینه
۷. تهیه و ارزیابی نانوالیاف مخلوط پلی کاپرولاکتون حاوی داروی سیمواستاتین و بیواکتیوگلاس جهت رهایش کنترل شده دارو در ترمیم شکستگی استخوان
۸. بررسی پایداری آنزیم لاکتوپراکسیداز تثبیت شده بر روی نانوشیت های گرافن
۹. انکپسولاسیون هسپرتین با استفاده از نانو حامل های لیپیدی و مطالعه رفتار رهایش آن
۱۰. افزایش محلولیت رالوکسیفن با استفاده از میسل های پلیمری و تاثیر آن بر میزان مهار پمپ P-گلیکوپروتئین و آثار آنتی پرولیفراتیوی آن بر سلولهای MCF-7
۱۱. تهیه و ارزیابی نانو سوسپانسیونهای تاکرولیموس به روش تبخیر-رسوب گیری با ناحلال جهت افزایش محلولیت و سرعت انحلال آن
۱۲. تهیه و ارزیابی برون تن/درون تن نانو ذرات حاوی لوپرولاید جهت دارورسانی ریوی
۱۳. تهیه و ارزیابی برون تن و درون تن میسلهای هدفمند پلیمری تهیه شده از پلورونیک-مشتقات کلسترول جهت حمل دوسه تاکسل در درمان ملانوما
۱۴. تهیه و ارزیابی برون تن نانو الیاف حاوی 5-FU جهت پوشش دهی استنتهای رکتال موثر در درمان کانسر کولورکتال
۱۵. تهیه و ارزیابی برون تن نانو ذرات مگنتیک حاوی مونته لوکاست جهت درمان رستوزیس استنتهای کروناری
۱۶. تهیه و ارزیابی بیولوژیک میسل های پلیمری مغناطیسی جهت دارورسانی دوستاکسل در رده های سلولی سرطان سینه حساس و مقاوم به درمان با دوستاکسل
۱۷. تهیه و ارزیابی برون تن/درون تن پودر قابل استنشاق (DPI) اریتروپوئیتین جهت دارورسانی به ریه
۱۸. طراحی فرم موضعی گلوکانتیم بار شده در نانو ذرات poly (D,L-lactide-co-glycolide) و بررسی

- نقش درمانی آن بر Zoonotic Cutaneous Leishmaniasis مقاوم به درمان
۱۹. بررسی میزان بیان ژن سایتوکاین های غالب در Zoonotic Cutaneous Leishmaniasis مقاوم به گلوکانتیم در محیط آزمایشگاهی و موش Balb/c
۲۰. تهیه و ارزیابی نانو ذرات پلیمری هدفمند شده با ترانسفرین جهت دارورسانی 5-FU در یک رده سلولی کانسر کولورکتال
۲۱. تهیه و ارزیابی نانو ذرات مگنتایت جانشانی شده با روی هدفمند شده با LHRH جهت دارورسانی دوکسوروبی سین در رده سلولی 4T1 سرطان سینه
۲۲. دارورسانی هدفمند کوئرستین به کبد توسط نانو ذرات لیپیدی تهیه شده از فیتوسترولها در هیپاتوسلولار کارسینوما
۲۳. تهیه و ارزیابی برون تن نانو ذرات گرافن عامل دار برای دارورسانی هدفمند و رهایش کنترل شده داروی دستاکسل
۲۴. تهیه و ارزیابی نانو کامپوزیت های خوراکی از دانپزیل
۲۵. تهیه و ارزیابی برون تن / درون تن نانو ذرات پلی ساکاریدی کراس لینک شده حاوی انسولین جهت دارورسانی از راه بینی
۲۶. تهیه، مطالعات پیش فرمولاسیون و ارزیابی بیولوژیک ال-آسپارژیناز کوئزوگه شده بر نانو ذرات پلیمری پلی استری
۲۷. تهیه، مطالعات پیش فرمولاسیون و ارزیابی بیولوژیک ال-آسپارژیناز کوئزوگه شده بر نانو ذرات سیلیکا
۲۸. تهیه و ارزیابی برون تن نانو الیاف حاوی مونته لوکاست جهت پوشش دهی استنتهای کروناری موثر در درمان رستوزیس
۲۹. مهندسی ذرات سلکو کسب به منظور بهبود خصوصیات انحلال آن: نانویزه کردن در مقابل خشک کردن افشانه ای و سیستمهای پراکنده جامد
۳۰. بهبود محلولیت رپا گلیناید به روش اسپری در اینگ و ارزیابی اثر پایین آوردندگی قند خون آن در رت
۳۱. تهیه و ارزیابی نانو ذرات پلی متیل وینیل مالئیک اسید هدفمند شده با LHRH جهت دارورسانی دوکسوروبی سین در یک رده سلولی سرطان سینه
۳۲. Preparation and *in vitro* / *in vivo* characterization of HER-2 aptamer-targeted polymeric nanoparticles for delivery of docetaxel in breast cancer
۳۳. تهیه و ارزیابی برون تن نانو ذرات مگنتایت دکستران - رتینوئیک اسید فولاته شده جهت دارورسانی دوکسوروبی سین در رده سلولی MCF-7 کانسر سینه
۳۴. تثبیت آنزیم آلکالین فسفاتاز بر روی نانو ذرات کیتوزان و کاربرد آن در مهندسی بافت
۳۵. Preparation of biodegradable/bioadhesive nanoparticles of bupropion HCl and evaluation of pulmonary absorption of the drug
۳۶. تهیه و ارزیابی نانو ذرات کندروئیتین حاوی دوکسوروبی سین و بررسی اثر سایتوتوکسیک آنها بر رده سلولی HepG2
۳۷. تهیه و ارزیابی برون تن / درون تن نانو ذرات حاوی لوپرولاید جهت دارورسانی ریوی
۳۸. تهیه نانو میسلهای کوئزوگه متوترکسات به عنوان سامانه دارورسانی و بررسی سمیت سلولی آن بر روی رده

های سلولی SKOV3 و MDA-MBAO231

۳۹. تهیه و ارزیابی برون تن مسیلهای پلورونیک F127/ پلی (متیل وینیل اتر-مالئیک اسید) جهت حمل دو کسوروی سین موثر در درمان کانسرسینه
۴۰. تهیه و ارزیابی برون تن مسیلهای بیوتینه شده کیتوزان / پلی (متیل وینیل اتر مالئیک اسید) جهت دارورسانی هدفمند دو کسوروی سین در هیاتوسلولار کارسینوم
۴۱. تهیه و ارزیابی برون تن/درون تن نانوذرات زیست چسب حاوی کلسی تونین جهت دارورسانی ریوی
۴۲. تهیه و ارزیابی نانو کپسولهای میسلی هدفمند دکستران/رتینوئیک اسید بارگیری شده با دو کسوروی سین در لوسمی حاد میلوژنز
۴۳. تهیه و ارزیابی نانوذرات سلکو کسب با استفاده از PLGA
۴۴. تهیه و ارزیابی نانوذرات لیپیدی بار شده با بودزوناید
۴۵. دارورسانی اختصاصی سیلیمارین به کولون با استفاده از نانو کامپوزیتهای یودراژیت و بررسی اثر ضد التهابی آن در مدل القای کولیت آزمایشگاهی در رت
۴۶. تهیه و ارزیابی برون تن/درون تن نانو ذرات پلی هیدروکسی بوتیرات (PHB) / دکستران جهت دارورسانی کتوتیفن به کولون
۴۷. تهیه و ارزیابی هیدروژل موضعی حاوی کتورولاک ترومتامین بار شده در نانو کپسولهای لیپیدی
۴۸. دارورسانی دو کسوروی سین در هیاتوسلولار کارسینوما با استفاده از نانو ذرات کیتوزان/آلبومین هدفمند شده با رتینوئیک اسید
۴۹. تهیه و ارزیابی نانو کپسولهای میسلی هدفمند سیکلودکسترین/رتینوئیک اسید بارگیری شده با دو کسوروی سین در لوسمی حاد میلوژنز
۵۰. تهیه و ارزیابی نانو کامپوزیتهای قابل استنشاق دو کسوروی سین در کانسر ریه
۵۱. تهیه و ارزیابی نانو کامپوزیت های خوراکی دانپزید
۵۲. تهیه و ارزیابی برون تن و درون تن مسیلهای پلیمری دکستران-استئارات دارای عامل هدفمند کننده فولیک اسید به جهت حمل ۵- فلورواوراسیل موثر در درمان سرطان کولورکتال
۵۳. تهیه و ارزیابی مسیلهای پلیمری متوکسی پلی (اتیلین گلیکول) - استراسیدهای چرب جهت دارورسانی اتوپوساید
۵۴. دارورسانی دو کسوروی سین در هیاتوسلولار کارسینوما با استفاده از نانو ذرات کیتوزان/آلبومین هدفمند شده با رتینوئیک اسید
۵۵. تهیه و ارزیابی نانو کپسولهای لیپیدی دارای عامل هدفمند کننده ترانسفرین جهت دارورسانی اتوپوساید در لوسمی حاد
۵۶. تهیه و ارزیابی داربست های نانو کامپوزیتی سه بعدی آگار/سیلیکا/گژانتان گام جهت دارورسانی آلدرونات به بافت استخوان
۵۷. تهیه و ارزیابی نانو ساختارهای لیپیدی هدفمند شده با رتینوئیک اسید جهت دارورسانی FU-۵ در کانسر

کولورکتال

۵۸. تهیه و ارزیابی نانوذرات لیپیدی تزریقی ریسپریدون
۵۹. تهیه و ارزیابی نانوذرات لیپیدی دارای عامل هدفمند کننده هیالورونات جهت دارورسانی اتوپوساید به سلولهای سرطانی تخمدان
۶۰. تهیه و ارزیابی نانوذرات آلژینات جهت دارورسانی کنترل شده گلی پیزاید
۶۱. تهیه و ارزیابی بیولوژیک نانوذرات لیپیدی حاوی سیموستاتین جهت افزایش تحرک آپوپتوز در لوکیمای
۶۲. تهیه فیلم مخاط چسب میکونازول برای درمان کاندیدیازیس
۶۳. تهیه و ارزیابی نانوذرات لیپیدی حاوی لتروزول جهت درمان کانسر Breast
۶۴. تهیه و ارزیابی نانوذرات ساختارهای لیپیدی مایع بار شده با ۵-فلورووراسیل جهت درمان هدفمند کارسینومای هیپاتوسلولار
۶۵. تهیه و بررسی مشخصات فیزیکی شیمیایی متفورمین از پایه آدامس
۶۶. تهیه و ارزیابی برون تن و درون تن قرص های طولانی رهش شناور مخاط چسب سیپروفلوگراسین
۶۷. تهیه و ارزیابی میکروکریستالهای پیروکسیکام جهت بهبود سرعت انحلال آن
۶۸. تهیه و ارزیابی نانوفایبرهای پلی کاپرولاکتون حاوی سیپروفلوگراسین به روش spinning-scaffold جهت تهیه بانداژهای سوختگی
۶۹. تهیه و ارزیابی نانوفایبرهای پلی کاپرولاکتون حاوی داکسی سایکلین به روش spinning-scaffold جهت درمان عفونتهای
۷۰. تهیه و ارزیابی نانوذرات لیپیدی آمیکاسین جهت دارورسانی ریوی
۷۱. تهیه و ارزیابی نانوذرات لیپیدی (SLN) والپروئیک اسید برای دارورسانی به مغز از طریق بینی
۷۲. تهیه و ارزیابی نانوذرات لیپیدی سیپروفلوگراسین به روش انتشار حلال جهت درمان عفونتهای داخل سلولی مایکوباکتریوم اویوم
۷۳. تهیه و ارزیابی برون تنی نانوپلیمرهای زیست تخریب پذیر حاوی آنتی سنس EGFR با هدف ژن درمانی سرطان
۷۴. تهیه و ارزیابی نانوذرات لیپیدی بوسپیرون به روش انتشار حلال جهت دارورسانی هدفمند به غدد لنفاوی
۷۵. تهیه و ارزیابی قرصهای زیست چسب دهانی تربوتالین سولفات
۷۶. مقایسه سرعت انحلال گلیکلازید از کمپکت های مایع-جامد با قرصهای موجود در بازار
۷۷. استفاده از کمپلکس های پلی الکترولیتی کیتوزان جهت تهیه قرصهای آهسته رهش بوپروپیون
۷۸. تهیه یک سیستم آهسته رهش از بوپروپیون هیدروکلراید به شکل پلت
۷۹. تهیه و ارزیابی برون تن پیچ مخاط چسب دهانی بوسپیرون

۸۰. تهیه و ارزیابی نانوذرات لیپیدی سیروفلوگراسین به روش انتشار حلال جهت درمان عفونتهای داخل سلولی میکوباکتریوم اویوم

۸۱. تهیه و ارزیابی برون تنی نانوپلیمرهای زیست تخریب پذیر حاوی آنتی سنس EGFR با هدف ژن درمانی سرطان

۸۲. مقایسه سرعت انحلال گلیکلازید از کمپکتهای مایع-جامد با قرصهای موجود در بازار

۸۳. استفاده از کمپلکسهای پلی الکترولیتی کیتوزان جهت تهیه قرصهای آهسته رهش بوپروپیون

۸۴. تهیه و ارزیابی نانوذرات لیپیدی بوسپرون به روش انتشار حلال جهت دارورسانی هدفمند به غدد لنفاوی

۸۵. اصلاح ساختار کریستالین سیموستاتین بروش تولید آگلومره های کروی

۸۶. تهیه قرصهای زیست چسب دهانی از کلوزاپین

۸۷. تهیه پلتهای انتریک-کوت پیروکسیکام با استفاده از دانه های nonpariel

۸۸. تهیه و ارزیابی قرص آهسته رهش کلسیم استات

۸۹. تهیه و ارزیابی قرص آهسته رهش کلسیم استات

۹۰. استفاده از فن آوری نانو جهت میکرو کریستالیزاسیون گلیکلازید بمنظور بهبود خصوصیات فیزیکوشیمیایی و جذب آن

۹۱. دارورسانی اختصاصی بودروناید به کولون با استفاده از دکستران جهت درمان کولیت اولسراتیو

۹۲. دارورسانی اختصاصی بودروناید به کولون با متد اکستروژن اسفرونایزیشن جهت درمان کولیت اولسراتیو

۹۳. تهیه و ارزیابی پلتهای شناور آسیکلوویر به روش اکستروژن-اسفرونایزیشن

۹۴. تهیه و ارزیابی یک سیستم دارورسانی پوستی از متوپرولول با استفاده از میکروامولسیونهای ارگانوژلی لسیتمین

۹۵. تهیه و ارزیابی میکروسفیرهای کیتوزان جهت دارورسانی کنترل شده گلیکلازید

۹۶. تهیه و ارزیابی بیدهای شناور آلژینات جهت دارورسانی متوپرولول

۹۷. توسعه و ارزیابی یک سیستم دارورسانی شناور منولیتیک برای آسیکلوویر

۹۸. تهیه یک سیستم دارورسانی آهسته رهش شناور خوراکی از وراپامیل و مطالعه آزادسازی دارو از آن

۹۹. طراحی و ارزیابی یک سیستم دارورسانی شناور زیست چسب جهت درمان زخمهای گوارشی ناشی از هلیکوباکتر پیلوری

۱۰۰. تهیه یک سیستم دارورسانی آهسته رهش شناور خوراکی از دیلتیازم و مطالعه آزادسازی دارو از آن 2006 -

۱۰۱. تهیه و ارزیابی قرصهای حاوی بایندهای پلی ساکاریدی جهت دارورسانی هدفدار سلکوکیب به کولون 2006 -

۱۰۲. • دارورسانی لورازپام از راه مخاط دهان توسط قرصهای سریع الانحلال و مخاط چسب زیرزبانی
2006 -
۱۰۳. • تهیه یک سیستم Modified release از مترونیدازول جهت دارورسانی به کولون و مطالعه آزادسازی دارو از آن 2005 -
۱۰۴. • تهیه و ارزیابی هیدروژلهای کراس لینک شده کیتوزان جهت دارورسانی موضعی لیدوکائین -
2005
۱۰۵. • دارورسانی خوراکی سیناریزین با استفاده از میکروسفیرهای شناور 2005 -
۱۰۶. • دارورسانی اختصاصی مزالازین به کولون با استفاده از میکروسفیرهای زیست چسب کیتوزان -
2004
۱۰۷. • فرمولاسیون قرصهای شناور زیست-چسب سیپروفلوکساسین با استفاده از پلیمرهای قابل تورم
صناعی و ارزیابی آنها در برون تن 2004 -
۱۰۸. • تهیه قرصهای ۰/۲ میلی گرمی میزوپروستول و ارزیابی آنها در برون تن 2004 -
۱۰۹. • فرمولاسیون قرصهای ماتریکسی آهسته رهش تربوتالین سولفات با استفاده از صمغهای طبیعی و
ارزیابی آنها در برون تن 2004 -
۱۱۰. • فرمولاسیون قرصهای ماتریکسی آهسته رهش ترامادول با استفاده از صمغهای طبیعی و ارزیابی
آنها در برون تن 2004 -
۱۱۱. • فرمولاسیون قرصهای ماتریکسی آهسته رهش متوپرولول ۱۰۰ میلی گرمی و ارزیابی آنها در برون
تن 2004 -
۱۱۲. • تهیه سیستم آهسته رهش متوپرولول با استفاده از تکنیک دیسپرسیون جامد و ارزیابی خصوصیات
فیزیکوشیمیایی آن 2004 -
۱۱۳. • فرمولاسیون قرصهای مخاط چسب سیزاپراید و ارزیابی جذب آنها در مقایسه با فرمهای خوراکی
استاندارد 2004 -
114. • Extraction of a binder from seeds of *Trigonella foenum-graecum*
Land evaluation of its effect in tableting - 2003
115. • Formulation and in vitro evaluation of buccoadhesive tablets of
verapamil - 2003
116. • Non-ionic surfactant vesicles for oral delivery of insulin - 2003
117. • Preparation and characterization of a bioadhesive gel for nasal
delivery of insulin - 2003
118. • Preparation and characterization of chitosan microspheres for nasal
delivery of insulin - 2003
119. • Preparation and evaluation of transdermally proniosomal gels of
chlopheniramine maleate - 2003
120. • Preparation of sustained release theophylline suspension by spray
drying technique - 2003

121. • Preparation and in vitro evaluation of sustained release theophylline suspension - 2001
122. • Development and characterization of mucoadhesive gels of metronidazole effective in periodontal infections - 2000
123. • Study the different techniques of solid dispersion of dimenhydrinate on its release from chewing gum bases - 2000
124. • Study the effect of structural factors of cross-linked poly (vinyl alcohol) matrix network on drug release characteristics - 2000
125. • Preparation of a transdermal delivery system of medroxy progesteron acetate and evaluation drug release characteristics 1997 - 1999
126. • Development and characterization of sustained release propranolol wax microspheres by emulsion-solvent evaporation method 1996 - 1998
127. • Preparation and characterization of buccoadhesive nifedipin tablets 1996 - 1998
128. • Use of calcium alginate beads for controlled drug delivery 1996 - 1998
129. • Nicotin Patch - 1997