

Curriculum Vitae

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Education

1985 Doctor of Pharmacy - Isfahan University of Medical Sciences,
1995 Ph.D., Faculty of Pharmacy and Pharmaceutical Sciences, University of
Alberta, Edmonton, Alberta, CANADA

Previous Employment

1985-1990, Academic staff of Faculty of Pharmacy and Pharmaceutical Sciences, Isfahan
University of Medical Sciences

Present Employment

Professor, School of Pharmacy and Pharmaceutical Sciences, Isfahan University of
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Publications

1. Flamarzin M., Raisi A., Jafarian A. and Zia H. Comparative bioavailability of dipyridamol tablet formulations. *Pharm. Acta Helv.* 1988; 63(8): 227-30.
2. Jafarian A., Suresh MR., Kreutz FT. and Biggs DF. Passive immunization with antisubstance P antibody prevents substance P- and neurokinin A-induced bronchospasm in anesthetized guinea-pigs. *Life Sci.* 1995; 57(2): 143-53.

3. Jafarian A., Handley DA. and Biggs DF. Effects of RS-Albuterol on development of antigen-mediated airway hyperreactivity in guinea-pigs. Clin. Rev. Allergy Immunol. 1996; 14: 91-100.
4. Jafarian A. and Biggs DF. Am. J. Respir. Crit. Care Med. 1994; 149(suppl): A766.
5. Jafarian A. and Biggs DF. Effects of selective neurokinin receptor antagonists on pulmonary responses to capsaicin. Am. J. Respir. Crit. Care Med. 1994; 149(suppl): A1056.
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7. Kreutz FT., Jafarian A., Biggs DF. and Suresh MR. Production of highly pure monoclonal antibody without purification using a hollow fiber bioreactor. Hybridoma 1997; 16(5): 485-6.
8. Jafarian A., Ghannadi A. and Keramati N. The effect of *Salvia hydrangea* on cell-mediated immune response in mice. Research in Medical Sciences. 2002;7(1):115-120. (in persian)
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12. Sadeghi H., Mohamadi V. and Jafarian A. Synthesis and analysis of some novel derivatives of anthraquinones for the treatment of breast cancer. Pharmaceutical Sciences. 2003;2:63-74. (in persian)
13. Rabbani M., Saberi B., Jafarian A. and Mardanian F. Diagnosis of *trichomonas vaginalis* by PCR method. Shahrekord University of Medical Sciences Journal. 2003; 5(1): 4-9. (in persian)
14. Rabbani M., Jafarian A. and Sobhanian M. Comparison of acute and chronic effects of verapamil on naloxone precipitated morphine withdrawal in mice. Research in Medical Sciences Journal. 2004; 1: 26-33.
15. Rabbani M., Jafarian A. and Sobhanian M. Comparison of acute and chronic effects of nifedipine on naloxone precipitated morphine withdrawal in mice. Medical Journal of the Islamic Republic of Iran. 2003; 17(3): 251-8.

16. Abedi D., Fazeli MR., Jafarian A. Optimization of enzymatic synthesis of ampicillin using cross-linked aggregates of penicillin G acylase. *Iranian Journal of Pharmaceutical Research*. 2004; 3: 159-164.
17. Jafarian A., Emami SA., Saeidi M., Sadeghi H. Cytotoxicologic studies of the extract of Iranian *Juniperus sabina* and *Platycladus orientalis* on cancer cells. *Journal of Research in Medical Sciences*. 2004; 9(5): 7-11.
18. Rabbani M., Jafarian A., Hasanzadeh F., Hashemi SA., Haghiri A. and Sabet S. Evaluation of antiepileptic effect of conjugated form of valproic acid and phenytoin in mice. *Shahrekord University of Medical Sciences Journal*. 2004;6(2):22-30. (in Persian)
19. Rabbani M., Jafarian A. and Ahmadi A. Acute and chronic effects of nitrendipine on naloxone precipitated morphine withdrawal in mice. *Iranian Journal of Pharmaceutical Sciences*. 2004; 2: 109-114.
20. Asgari S., Naderi GhA., Jafarian A., Asgari N. and Behagh A. Fibrinolytic effects of *Apium graveolens*. *Medicinal Plants*. 2004; 19: 13-25. (in Persian)
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62. Amir Khajavinia, Jaleh Varshosaz, Abbas Jafarian Dehkordi. Targeting etoposide to acute myelogenous leukaemia cells using nanostructured lipid carriers coated with transferrin. *Nanotechnology*. 2012; 23(40): 405101.

63. Mahmoud Etebari, Behzad Zolfaghari, Abbas Jafarian-Dehkordi, Roya Rakian. Evaluation of DNA damage of hydro-alcoholic and aqueous extract of *Echium amoenum* and *Nardostachys jatamansi*. *J Res Med Sci.* 2012;17(8): 782-6.
64. Elahe Masaeli, Mohammad Morshed, Parsa Rasekhian, Saeed Karbasi, Khadije Karbalaie, Fereshte Karamali, Daryoush Abedi, Shahnaz Razavi, Abbas Jafarian-Dehkordi, Mohammad Hossein Nasr-Esfahani, Hossein Baharvand. Does the tissue engineering architecture of poly(3-hydroxybutyrate) scaffold affects cell-material interactions? *J Biomed Mater Res A* 2012; 100(7): 1907-18.
65. Jaleh Varshosaz, Solmaz Ghaffari, Mohammad Reza Khoshayand, Fatemeh Atyabi, Abbas Jafarian Dehkordi, Farzad Kobarfard. Optimization of freeze-drying condition of amikacin solid lipid nanoparticles using D-optimal experimental design. *Pharm Dev Technol.* 2012;17(2):187-94.
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Iran. Research in Pharmaceutical Sciences, 2013; 8(1): 51-58.

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84. Manijeh Mahdavi, Mehrnaz Keyhanfar, Abbas Jafarian, Hassan Mohabatkar, Mohammad Rabbani. Immunization with a novel chimeric peptide representing B

and T cell epitopes from HER2 extracellular domain (HER2 ECD) for breast cancer. Tumour Biol 2014; 21;35(12):12049-57.

85. Jaleh Varshosaz, Abbas Jafarian, Golnaz Salehi, Behzad Zolfaghari. Comparing different sterol containing solid lipid nanoparticles for targeted delivery of quercetin in hepatocellular carcinoma. J Liposome Res. 2014; 20;24(3):191-203.
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94. Soheila Sepahi¹; Abbas Jafarian-Dehkordi¹; Maryam Mirlohi²; kobra shirani³; Mahmoud Etebari. Protective role of Lactobacillus plantarum A7 against irinotecan-induced genotoxicity. Avicenna Journal of Phytomedicine. 2016; 6(3): 329-335.

95. Fatemeh Moazen, Peyman Eshaghi Djabali, Naemeh Parsapour, Fatemeh Mohamadzadeh, Abbas Jafarian Dehkordi, and Hamid Mir Mohammad Sadeghi Optimization of Vasopressin Type 2 Receptor Expression in *Escherichia coli* BL21. Jundishapur J Nat Pharm Prod. 2016; 11(1): e25441.
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Phytochemical Screening and Cytotoxic Evaluation of Euphorbia turcomanica on Hela and HT-29 Tumor Cell Lines. Adv Biomed Res. 2017; 6: 68
101. Nasrin Ghassemi-Barghi, Mahmoud Etebari & Abbas Jafarian-Dehkordi. Protective effect of amifostine on busulfan induced DNA damage in human hepatoma cells. Journal Toxicology Mechanisms and Methods. 2017;27(1):
- 102.
103. Mojgan Naghitorabi, Javad Mohammadi-Asl, Hamid Mir Mohammad Sadeghi, Mohammad Rabbani, Abbas Jafarian-Dehkordi, Shaghayegh Haghjooy Javanmard. Quantitation of CDH1 promoter methylation in formalin-fixed paraffin-embedded tissues of breast cancer patients using differential high resolution melting analysis. Adv Biomed Res. 2016; 5: 91.

Teaching Experiences

Pharmacology (theory and laboratory)	Poisoning Management
Toxicology (theory and laboratory)	Instrumental Analysis (laboratory)
Drug Quality Control	General Chemistry (theory and laboratory)
Biotechnology	Biological Products
Neuropharmacology	Methods in Pharmacology (laboratory)
Physicochemical Control of Drugs (theory and laboratory)	
Bioassays	

Instrumental Familiarity

UV-Visible Spectrophotometer

Atomic Absorption

Electrophoresis

Physiograph

Fluorescence Spectrophotometer

HPLC

Animal Cell Culture Instruments