

CURRICULUM VITAE (Until November 2013)

Name: Mehdi Khoshneviszadeh

Date of birth: 10/3/1981

Citizenship: Iranian

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Education:

1999 Diploma, Taha High school, Shiraz, Iran.

1999-2005 Pharm. D.; Faculty of Pharmacy, Shiraz University of Medical Sciences, Iran (Under supervision of Prof. Dr. R. Miri, Prof. Dr. K. Javidnia)

2007-2013 Ph.D in Medicinal chemistry, Faculty of Pharmacy, Tehran of medical sciences, Iran.

Experience:

Instrumental: HPLC, UV/Visible, IR, GC, MS

Techniques:

Some technique in organic synthesis,
Some techniques in isolation & Purification of synthetic & natural compounds,
Some techniques in molecular modeling & QSAR,
Pharmacological evaluation by isolated ileum by physiograph.

Workshop:

2003: Workshop of research methods

2009: Workshop of chemometrics, Zanjan

Awards:

Prize as the best student researcher in Shiraz University of Medical Sciences. 2004

Prize as the best student researcher in Shiraz University of Medical Sciences. 2005

Prize as the best researcher of Student research committee of Shiraz University of Medical Sciences. 2005.

The referee of 7th annual Research Congress of Iranian medical sciences students.

First prize winner (as *researcher*) in Pharm. Sci. from President Ahmadinejad, The 16th Razi Research Festival on Medical Sciences, Tehran, 2010.

Publication & Presentations:

A- papers:

- 1- Mohammadi MK, Firuzi O, **Khoshneviszadeh M**, Razzaghi-Asl N, Sepehri S and Miri R. Novel 9-(alkylthio)-Acenaphtho[1,2-e]-1,2,4-triazine Derivatives: Synthesis, Cytotoxic Activity and Molecular Docking Studies on B-cell lymphoma 2 (Bcl-2). DARU Journal of Pharmaceutical Sciences. Accepted.
- 2- **Khoshneviszadeh M**, Ghahremani M.H, Fouromadi A, Miri R, Firuzi O, Madadkar-Sobhani A, Edraki N, Parsa M, Shafiee A. Design, synthesis and biological evaluation of novel anti-cytokine 1,2,4-triazine derivatives. *Bioorganic & Medicinal Chemistry* 21 (2013) 6708-6717.
- 3- Edraki N, Firuzi O, Fouromadi A, Miri R, Madadkar-Sobhani A, **Khoshneviszadeh M**, Shafiee A. Phenylimino-2H-chromen-3-carboxamide derivatives as novel small molecule inhibitors of b-secretase (BACE1). *Bioorganic & Medicinal Chemistry* 21 (2013) 2396–2412
- 4- Vosooghi M, Yahyavi H, Divsalar K, Shamsa H, Kheirollahi A, Safavi M, Ardestani SK, Sadeghi-Neshat S, Mohammadhosseini N, Edraki N, **Khoshneviszadeh M**, Shafiee A, Fouromadi A. Synthesis and In vitro cytotoxic activity evaluation of (E)-16-(substituted benzylidene) derivatives of dehydroepiandrosterone. *DARU Journal of Pharmaceutical Sciences* 2013, 21:34 (1 May 2013)
- 5- Hosseinzadeh N, Seraj S, Bakhshi-Dezffoli M.E, Hasani M, Khoshneviszadeh M, Fallah-Bonekohal S, Abdollahi M, Fouromadi A, Shafiee A. *Iranian journal of pharmaceutical sciences*. 2013. Accepted
- 6- Esmati N, Foroughian M, Saeedi M, Mahdavi M, Khoshneviszadeh M, Firuzi O, Tanideh N, Miri R, Edraki N, Shafiee A, Fouromadi A. Synthesis and cytotoxic activity of some novel Dihydrobenzo[h]pyrano [3,2-c]chromene Derivatives. *Journal Heterocycle Chemistry*. 2013. Accepted.

- 7- Firoozpour L, Edraki N, Nakhjiri M, Emami S, Safavi M, Kabudanian Ardestani S, **Khoshneviszadeh M**, Shafiee A, Foroumadi A. Cytotoxic Activity Evaluation and QSAR Study of Chromene-based Chalcones. Arch Pharm Res.2012, 35: 2117-2125
- 8- Ebadi A, Razzaghi-Asl N, **Khoshneviszadeh M**, Miri R. Comparative Amino Acid Decomposition Analysis of Potent Type I p38alpha Inhibitors.2013.Accepted.
- 9- Nakhjiri M, Safavi M, Alipour E, Emami S, Atash AF, Jafari-Zavareh M, Ardestani SK, Khoshneviszadeh M, Foroumadi A, Shafiee A. Asymmetrical 2,6-bis(benzylidene)cyclohexanones: Synthesis, cytotoxic activity and QSAR study. European journal of medicinal chemistry.2012,50:113-123.
- 10- Khoshneviszadeh M, **Edraki N**, Miri R, Foroumadi A, Hemmateenejad B. QSAR Study of 4-Aryl-4-H-Chromenes as a New Series of Apoptosis Inducers Using Different Chemometric Tools. Chem Biol Drug Des. 2012 Apr;79(4):442-58.
- 11- Edraki N, Mehdipour AR, **Khoshneviszadeh M**, Miri R. Dihydropyridines: Evaluation of their current and future pharmacological applications. Drug Discovery Today, 2009, 14 (21/22), 1058-1066.
- 12- **Khoshneviszadeh, M**, Edraki, N., Javidnia K., Alborzi A, Pourabbas B., Mardaneh J, Miri R. Synthesis and biological evaluation of some new 1,4-dihydropyridines containing different ester substitute and diethyl carbamoyl group as anti-tubercular agents. Bioorganic and Medicinal Chemistry, 2009; 17, 1579-1586.
- 13- **Khoshneviszadeh, M**, Edraki, N.,Miri R., Hemmateenejad B. Exploring QSAR for substituted 2-sulfonyl-phenyl-indol derivatives as potent and selective COX-2 Inhibitors using different chemometrics tools. Chem Biol Drug Des, 2008; 72, 564–574.
- 14- **Edraki, N.**, Hemmateenejad, B., Miri R. and Khoshneviszadeh M., QSAR Study of Phenoxyprymidine Derivatives as Potent Inhibitors of p38 kinase

Using different Chemometric Tools. J. Chem. Biol & Drug Design. 2007, 70-530-539.

15- Miri, R., Javidnia, K., Mirkhani M., Hemmateenejad, B., Sepehr, Z., Zalpour, M., Behzad, T., Khoshneviszade, M., **Edraki, N.**, Mehdipour, A., Synthesis, QSAR and Calcium Channel Modulator Activity of New Hexahydroquinoline Derivatives Containing Nitroimidazole, J. Chem. Biol & Drug Design. 2007, 70, 329-336-

16- Hemmateenejad, B., Miri, R., **Edraki, N.**, Khoshneviszadeh, M., Shafiee, A., Molecular Modeling and QSAR Analysis of Some 4,5-Dichloroimidazolyl-1,4-DHP Based Calcium Channel Blockers. JICS .Vol. 4, No. 2, June 2007, pp. 182-193.

17- Javidnia, K., Miri, R., **Edraki, N.** Khoshneviszadeh, M., Javidnia, A. Constituents of the volatile oil of *Ferulago angulata* (Schlecht) Boiss. from Iran. J. Essent. Oil Res., September/October 2006 18, 548-550

18- Javidnia, K., Miri, R., Kamalinejad, M., **Khoshneviszadeh, M.** Constituents of the volatile oils of *Dracocephalum kotschi* Boiss. from Iran. J. Essent. Oil Res. May/June 2006, 18, 342-344.

19- Hemmateenejad, B., Miri, R., Safarpour, M.A., Edraki, N., **Khoshneviszadeh, M.**, Conformational analysis of some new derivatives of 4-nitroimidazolyl-1,4-dihydropyridine-based calcium channel blockers. J. Mol. Structure: Theochem, 2005, 717,139-152.

B-Presentation in International & National Congress:

1-M. Parish , B. Hemmateenejad, R. Miri, **N. Edraki**, M. Elyasi, M. Khoshneviszadeh, J. Dimmock. Qsar study of N-acyl-3,5-bis(arylidene)-4-piperidones as cytotoxic Agents 13th Iranian Pharmaceutical Sciences Congress, 2012

2-Miri R., Javidnia K., **Khoshneviszadeh, M.** Edraki, N.(2008) Design, Synthesis and biological evaluation of some new 1,4-dihydropyridines containing different ester substitute and diethyl carbamoyl group as anti-

tubercular agents. 20th International symposium on medicinal chemistry, August 31-September 4, Vienna, Austria

3- **Khoshneviszadeh M**, Hemmateenejad B, Miri R, Edraki N, (2008) QSAR study of phenoxy pyrimidine derivatives as potent inhibitors of p38 kinase using different chemometric tools, 11th Iranian pharmaceutical sciences congress, kerman, Iran.

4-Edraki N, Miri R, Alborzi A, Javidnia K, **Khoshneviszadeh M**, Pourabbas Tahvildari B, Mardaneh J, (2008) Design, synthesis and biological evaluation of new asymmetrical 1, 4- dihydropyridine derivatives containing carbamoyl groups as antitubercular agents. 11th Iranian pharmaceutical sciences congress, kerman, Iran.

5- **Khoshneviszadeh M**, Hemmateenejad B, Miri R, Edraki, N (2008) QSAR study of 4-aryl-4-H-chromenes as a new series of apoptosis inducers using different chemometric tools. 11th Iranian pharmaceutical sciences congress, kerman, Iran.

6- Hemmateenejad, B., Miri, R., Edraki, N., **Khoshneviszadeh, M.**, Shafiee, A., (2007) Molecular Modeling and QSAR Analysis of Some 4,5-Dichloroimidazolyl-1,4-DHP Based Calcium Channel Blockers. The 8th seminar of Iranian medical sciences. Shiraz. Iran.

7- Hemmatinejad, B., Miri, R., Edraki, N , **Khoshneviszadeh, M.**, (2007) Study Of 1-(Piperidine-4-yl)-4-(4-fluorophenyl)-5-(2-phenoxy pyrimidin-4-yl) Imidazoles Deivatives As Potent Inhibitors of p38 Kinase Using Chemometric Tools. The 8th seminar of Iranian medical sciences. Shiraz. Iran.

8- Hemmatinejad, B., Miri, R., Khoshneviszadeh, M., Edraki, N. (2007) Exploring QSAR Of Substitute 2-Sulfonyl –Phenyl –Indol Deivatives As Potent And Selective COX-2 Inhibitors Using Chemometric Tools. The 8th seminar of Iranian medical sciences. Shiraz. Iran.

9- Hemmatinejad, B., Miri, R., **Khoshneviszadeh, M.**, Edraki, N. (2006) "Molecular structure and QSAR study on 4-aryl-4H-chromenes as new series of apoptosis inducers " 10th Iranian Seminar of Pharmaceutical Sciences, 21-24 August, Tehran, Iran.

10- Miri, R., Javidnia, K., **Edraki, N.**, **Khoshneviszadeh, M.** (2006) "Design and synthesis of new asymmetrical 1,4-dihydropyridine derivatives containing alkyl ester as antitubercular agents and evaluation of their calcium-antagonist activity" 10th Iranian Seminar of Pharmaceutical Sciences, 21-24 August, Tehran, Iran.

11- Miri, R., Javidnia, K., **Khoshneviszadeh, M.**, Edraki, N. (2006) "Design and synthesis of new asymmetrical 1,4-dihydropyridine derivatives containing aryl ester as antitubercular agents and evaluation of their calcium-antagonist activity" 10th Iranian Seminar of Pharmaceutical Sciences, 21-24 August, Tehran, Iran

12- **Miri, R.**, Javidnia, K., **Khoshneviszadeh, M.** (2006) "Composition of the essential oil of Teucrium persicum Boiss. From Iran" 10th Iranian Seminar of Pharmaceutical Sciences, 21-24 August, Tehran, Iran.

13- Miri, R., Javidnia, K., **Edraki, N.**, **Khoshneviszadeh, M.** (2006) "Design and synthesis of new asymmetrical 1,4-dihydropyridine derivatives containing alkyl ester as antitubercular agents and evaluation of their calcium-antagonist activity" 7th seminar of Iranian students of medical sciences. Tehran, Iran.

14- Hemmatinejad, B., Miri, R., **Khoshneviszadeh, M.**, Edraki, N., (2006) "The QSAR study of substituted-sulfonyl-phenyl-3-phenyl-indoles: A new series of selective COX-2 inhibitors". 7th seminar of Iranian students of medical sciences. Tehran, Iran.

15- **Javidnia, K.**, Miri, R., **Khoshneviszadeh, M.**, Edraki, N. (2006) "Synthesis and Evaluation of Calcium Channel Antagonist Activity of some

New Imidazolyl 1,4-Dihidropyridine analogus Containing Carbamoyl Substitute" The 15th Word Congress of Pharmacology, 2-7 July, Beijing, China.

16- Javidnia, K., Miri, R., **Khoshneviszadeh, M.**, Constituents of the essential oil of *Achillea eriophora* DC. From Iran. The 1st Seminar of Medicinal & Natural Products Chemistry, 10-11 May, Shiraz, Iran.

17- Javidnia, K., Miri, R., **Khoshneviszadeh, M.**, Edraki, N., Javidnia, A., Nasiri, A., (2005) "Constituents of the volatile oil of *Artemisia sieberi* Besser. From Iran" The 1st Seminar of Medicinal & Natural Products Chemistry, 10-11 May, Shiraz, Iran.

18- Hemmateenejad, B., Miri, R., Edraki, N., **Khoshneviszadeh, M.**, Shafiee, A., (2005) "Molecular Modeling and QSAR Analysis of Some 4,5-Dichloroimidazolyl-1,4-DHP Based Calcium Channel Blockers" The 1st Seminar of Medicinal & Natural Products Chemistry, 10-11 May, Shiraz, Iran.

19- Hemmateenejada, B., Miri, R., Edraki, N., **Khoshneviszadeh, M.**, (2005) "The QSAR study of Substituted 2-Sulfonyl-phenyl-3-phenyl-indoles: A New Series of Selective COX-2 Inhibitors" The 1st Seminar of Medicinal & Natural Products Chemistry, 10-11 May, Shiraz, Iran.

20- Miri, R., Javidnia, K., **Khoshneviszadeh, M.**, Khosravi,. (2006) "Constituents of The Essential Oil of *Achillea Eriophora* DC. From Iran" The 10th International Symposium on Natural Product Chemistry, 6-9 Jan., Karachi, Pakistan

21- Miri, R., Javidnia, K., **Khoshneviszadeh, M.** Edraki, N., Javidnia, A., Nasiri, A. (2005) "Constituents of the volatile oil of *Artemisia sieberi* Besser. from Iran" The 36th international Symposium on Essential Oils, 4-7 Sept., Budapest, Hungary.

22- Javidnia, K., Miri, R., **Khoshneviszadeh, M.**, (2005) Composition of the essential oils of two *Achillea* species from Iran. The 36th international Symposium on Essential Oils, 4-7 Sept., Budapest, Hungary.

23- Javidnia, K., Edraki, N., **Khoshneviszadeh, M.**, Miri, R., Kamalinejad, M. (2004) " Composition of the essential oil of *Ferula persica* Willd " The 10th Seminar of Iranian Pharmacy Students, 6-8 Oct., Mashhad, Iran

24- Javidnia, K., Edraki, N., **Khoshneviszadeh, M.**, Miri, R (2004) Constituents of the volatile oil of *Artemisia sieberi* Besser. from Iran. The 10th Seminar of Iranian Pharmacy Students, 6-8 Oct., Mashhad, Iran

25- Hemmateenejad, B., Miri, R., Safarpour, M. A., Edraki, N., **Khoshneviszadeh, M.** (2004) "Conformational analysis of some new derivatives of 4-nitroimidazolyl-1,4-dihydropyridine-based calcium channel blockers". The 10th Seminar of Iranian Pharmacy Students, 6-8 Oct., Mashhad, Iran

26- Javidnia, K., Miri, R., Edraki, N., **Khoshneviszadeh, M.** (2004) "Composition of the essential oil of *Artemisia aucheri*" 9th Iranian Seminar of Pharmaceutical Sciences, 2-5 August, Tabriz, Iran.

27- Hemmateenejad, B., Miri, R., Safarpour, M. A., Edraki, N., **Khoshneviszadeh, M.** (2004) "Conformational analysis of some new derivatives of 4-nitroimidazolyl-1,4-dihydropyridine-based calcium channel blockers" 9th Iranian Seminar of Pharmaceutical Sciences, 2-5 August, Tabriz, Iran.

28- Javidnia, K., Miri, R., Edraki, N., **Khoshneviszadeh, M.** (2004) Chemical composition of the essential oil of *Ferula persica* Willd. 9th Iranian Seminar of Pharmaceutical Sciences, 2-5 August, Tabriz, Iran.

29- Miri, R., Hemmateenejad, B., Safarpour, M. A., **Khoshneviszadeh, M.**, Edraki, N. (2004) "Conformational analysis of some new derivatives of 4-

nitroimidazolyl-1,4-dihydropyridine-based calcium channel blockers" The 15th European Symposium on QSAR & Molecular Modelling, 5-10 Sept., Istanbul, Turkey.

30- Javidnia, K., Miri, R., Kamalinejad, M., **Khoshneviszadeh, M.** (2004) " Volatile oils constituents of *Dracocephalum kotschy* Boiss. from Iran" 35th International Symposium on Essential Oils, 29 Sept.- 2 Oct., Messina, Italy.

31- Javidnia, K., Miri, R., Edraki, N., **Khoshneviszadeh, M.** (2003) " Analysis and comparison of the chemical constituents of the essential oil of aerial part and root of *Dracocephalum kotschy*" 9th Seminar of Iranian Pharmacy Students, Tabriz, Iran.

32- Miri, R., **Khoshneviszadeh, M.**, Edraki, N. (2002) "The assessment of Warfarin side effects in shirazian patients" 8th Iranian Seminar of Pharmaceutical Sciences, 27-29 August, Shiraz, Iran.

33- Miri, R., **Khoshneviszadeh, M.**, Edraki, N. (2002) "The viewpoint of students of Shiraz universities about drug therapy" 8th Iranian Seminar of Pharmaceutical Sciences, 27-29 August, Shiraz, Iran.