

## Curriculum Vitae for Razieh Sabet

### Personal Information:

Razieh Sabet, PharmD., PhD of Medicinal Chemistry. Assistant Professor of medicinal chemistry

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### Education:

#### **Sept 1996 – July 2004: Pharm D**

Department of Medicinal Chemistry, Faculty of Pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran.

**Pharm. D dissertation titled as:** "Synthesis and evaluation of calcium-channel antagonist activity of new 1, 4-dihydropyridine derivatives containing 4-bromo-2-phenyl imidazole at the C-4 position of the DHP ring". (*Under supervision of Prof. R. Miri & Prof. K. Javidnia*).

#### **Sept 2005 - July 2011:**

Department of Medicinal Chemistry, Faculty of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran.

**PhD dissertation titled as:** "Application of QSAR methods based on the MOLMAP approach for predicting and proposing synthesis of novel derivatives of 3-hydroxypyridinones with antibacterial and antifungal activity". (*Under supervision of Dr. A. Fassihi, Dr. B. Hemmateenejad, Dr. L. Saghaei & Prof. R. Miri*).

## Publication & Presentation

### A. Papers:

1. Javidnia, K.; Miri, R.; **Sabet, R.**; Jafari, A., Composition of the essential oil of *Lonicera nummularifolia* Jaub et Spach. *J. Essent. Oil Res*, **2004**, 16, 239-240.
2. **Sabet, R.**; Fassihi, A., Preliminary MLR studies of antimicrobial activity of some 3-hydroxypyridine-4-one and 3-hydroxypyran-4-one derivatives. *Research in Pharmaceutical Sciences*. Journal of the school of pharmacy, Isfahan University of Medical Sciences, **2007**, 2, 107-116.
3. Fassihi, A.; **Sabet, R.**, QSAR Study of p56<sup>lck</sup> Protein Tyrosine Kinase Inhibitory Activity of Flavonoid Derivatives Using MLR and GA-PLS. *Int. J. Mol. Sci.* **2008**, 9, 1876-1892.
4. **Sabet, R.**; Fassihi, A., QSAR Study of Antimicrobial 3-Hydroxypyridin-4-one and 3-Hydroxypyran-4-one Derivatives Using Different Chemometric Tools. *Int. J. Mol. Sci.* **2008**, 9, 2407-2423.
5. Fassihi, A.; Abedi, D.; Saghaie, L.; **Sabet, R.**; Fazeli, H.; Bostaki, Gh.; Deilami, O.; Sadinpour, H., Synthesis, Antimicrobial Evaluation and QSAR Study of Some 3-hydroxypyridine-4-one and 3-hydroxypyran-4-one Derivatives. *Eur. J. Med. Chem.* **2009**, 44, 2145-2157.
6. Fassihi, A.; Azadpour, Z.; Delbari, N.; Saghaie, L.; Memarian, H. R.; **Sabet, R.**; Alborzi, A.; Miri, R.; Pourabbas, B.; Mardaneh, J.; Mousavi, P.; Moeinifard, B.; Sadeghi-aliabadi H., Synthesis and antitubercular activity of novel 4-substituted imidazolyl-2,6-dimethyl-N<sup>3</sup>,N<sup>5</sup>-bisaryl-1,4-dihydropyridine-3,5-dicarboxamides. *Eur. J. Med. Chem.* **2009**, 44, 3253-3258.
7. **Sabet, R.**; Fassihi, A.; Moeinifard, B., QSAR study of PETT Derivatives as Potent HIV-Reverse Transcriptase Inhibitors. *J. Mol. Graph & Model.* **2009**, 28, 146-155.
8. Hemmateenejad, B.; **Sabet, R.**; Fassihi, A., QSAR Studies on 2-amino-6-arylsulfonylbenzotriazoles as HIV-1 reverse transcriptase inhibitors using descriptors obtained from substituents and whole molecular structures. *Chem. Biol & Drug. Des.* **2009**, 74, 405-415.
9. **Sabet, R.**; Fassihi, A., QSAR study of Isatin analogues as in vitro anti-cancer agents. *Eur. J. Med. Chem.* **2010**, 45, 1113-1118.

10. Shahlaie, M.; **Sabet, R.**; Bahmanziari, M.; Moeinifard.; Fassihi, A.,Karbakhsh, R. QSAR Study of Anthranilic Acid Sulfonamides as Inhibitors of Methionine Aminopeptidase-2 using LS-SVM and GRNN based on Principal Components. *Eur. J. Med. Chem.* **2010**, 45, 4499-4508.
11. **Sabet, R.**; Shahlaie, M.; Fassihi, A., QSAR Study of Anthranilic Acid Sulfonamides as Inhibitors of Methionine Aminopeptidase-2 using different chemometrics tools. *J. Recent Advances in Biology, Biophysics and Bioengineering and Computational Chemistry.***2010**.
12. Fassihi, A.; Abedi, D.; Saghaie, L.; **Sabet, R.**; Fazeli, H.; Bostaki, Gh.; Deilami, O.; Sadinpour, H., Synthesis, Antimicrobial Evaluation and QSAR Study of Some 3-hydroxypyridine-4- one and 3-hydroxypyran-4-one Derivatives. *QSAR and Combinatorial Science.* **2009**, 751-752.
13. Karbakhsh, R.; **Sabet, R.**; Application of different chemometrics tools in QSAR Study of Azolo-adamantanes against influenza A virus. **2011**, 6, 23-33.
14. Fassihi, A.; Shahlaie, M.; Moeinifard B.; **Sabet, R.**; QSAR Study of Anthranilic Acid Sulfonamides as Methionine Aminopeptidase-2 Inhibitors. *Monatshefte für Chemie .* **2012**, 143, 189-198.
15. **Sabet R.**; Fassihi A.; Hemmateenejad B.; Saghaie L.; Miri R.; Gholami M.; Computer-aided drug design of novel antibacterial 3-hydroxypyridine-4-ones: application of QSAR methods based on the MOLMAP approach. *Journal of Computer-Aided Molecular Design.* **2012**, 26,349-361.
16. Fassihi A, Mahnam K, Moeinifard B, Bahmanziari M, Sadeghi H, Zarghi A, **Sabet R**, Salimi M, Mansourian M, Synthesis, calcium-channel blocking activity, and conformational analysis of some novel 1,4-dihydropyridines: application of PM3 and DFT computational methods. *Med. Chem.Resea.* **2012**, 21, 2749-2761.
17. **Sabet R**, Behjati M, Vahhabpour R, Memarnejadian A, Rostami M, Fassihi A, Aghasadeghi M.R, Saghaie L, Miri R,.: Iron chelation afforded cardioprotection against H<sub>2</sub>O<sub>2</sub>-induced H9C2 cell injury: Application of novel 3-hydroxy pyridine-4-one derivatives. *Int. J. Cardiol.* **2012**. 15,162(1):60-3.
18. Masoumeh Divar, Ali Khalafi-Nezhad, Kamiar Zomorodian, **Razieh Sabet**, Zahra Faghih, Maryam Jamali, Hasti Pournaghz , Soghra Khabnadideh,; Synthesis of some novel semicarbazone and thiosemicarbazone derivatives of isatin as possible biologically active agents. *Journal of Pharmaceutical Research International.* 2017,17(6)1-13.

19. **Sabet, R.;** Sabet, M, Application of MOLMAP approach for QSAR Modeling of 2-amino-6-arylsulfonylbenzotrioles as HIV-1 reverse transcriptase inhibitors Using Substituent Electronic Descriptors. *Asian journal of Applied chemistry Research*. **2018**.1(2),1-11.
20. **Sabet R.;** Fassihi A.; Saghaie L., Octanol-water partition coefficients determination and QSPR study of some 3-hydroxy pyridine-4-one derivatives, *Journal of Pharmaceutical Research International*. **2018** .22(4), 1-15.
21. Forough Rezaei, Lotfollah Saghaei,**Razieh Sabet**, Gholamreza Hatam ,Afshin Fassihi,; Novel Catechol Derivatives of Arylimidamides as Antileishmanial Agents , *Chemistry and biodiversity*, 2018,15(10).
22. **Razieh Sabet**, Soghra Khabnadideh, Samaneh Mohseni, Ayyub Mojaddami, Zahra Rezaei, QSAR analysis of some azole derivatives as potent aromatase inhibitors, *Trends in pharmaceutical science(TIPS)*, 2018,4(4) 205-218.
23. Zeinab Faghih Nasrin Rahmancejadi, **Razieh Sabet**, Kamiar Zomorodian Mohammad Asad , and Soghra Khabnadideh, Synthesis of some novel dibromo-2-arylquinazolinone derivatives as cytotoxic agents. 2019, 14(2), 115-121
24. **Razieh Sabet**, Soghra Khabnadideh, Dara Fathi, Leila Emami, QSAR and Docking Study of Isatin Analogues as Cytotoxic Agents, *Journal of Pharmaceutical Research International*,2019, 27(5) 1-22.
25. Leila Emami, **Razieh Sabet**, Amirhossein Sakhteman, Mehdi Khoshnevis Zade Quantitative Structure–Activity Relationship and Molecular Docking Studies of Imidazolopyrimidine Amides as Potent Dipeptidyl Peptidase-4 (DPP4) Inhibitors, *Journal of Pharmaceutical Research International*, 2019,27(6), 1-15.
26. Soghra Khabnadideh, **Razieh Sabet**, Hasti Pour Naghz , Masoumeh Divar, Quantitative Structure Activity Relationship of New Isatin Analogues for Design New Compounds as Anti-breast Cancer, *Journal of Pharmaceutical Research International*, 2019, 28(5) 1-16.
27. Masoumeh Divar, Soghra Khabnadideh, **Razieh Sabet** Kamiar Zomorodian, Neda Ershadi Forough Hassanpour, An Efficient Method for Synthesis of Some Novel Spiro[indoline-thiazolidine]dione Derivatives, *Chemical Methodologies*,2019, 3, 237-250.
28. **Razieh Sabet**, Isar Jafroudi, QSAR, Docking Study of Isatin Analogues as Antibacterial Agents for Design New Compounds, *Journal of Pharmaceutical Research International*, 2019, 31(5)1-24.

## **B: Abstracts in International Congress**

1-Miri, R., Javidnia, K., Jafari, A., **Sabet, R.** (2002) "Composition of the essential oil of *Lonicera nummularifolia* Jaub & Spach from Iran" 33<sup>rd</sup> International Symposium on Essential Oils, 4-7 Sept. Lisboa, Portugal.

2- **Sabet, R.**; Hemmateenejad, B.; Fassihi, A.; Saghaie, L.; Miri, R.(2009) " QSAR Study of Antimicrobial 3-Hydroxypyridine-4-one and 3-Hydroxypyran-4-one Derivatives Using Different Chemometric Tools" international Organizing Committee of Conferentia Chemometrica. September 27-30. Siófok, Hungary.

3-**Sabet, R.**; Hemmateenejad, B.; Fassihi, A.; Saghaie, L.; Miri, R (2009) " Application of QSAR methods based on the MOLMAP approach for predicting and proposing synthesis of novel derivatives of 3-Hydroxypyridine-4-ones with antibacterial and antifungal activity" international Organizing Committee of Conferentia Chemometrica. September 27-30. Siófok, Hungary.

4- **Sabet, R.**; Shahlaie, M.; Fassihi, A., (2009) " QSAR Study of Anthranilic Acid Sulfonamides as Inhibitors of Methionine Aminopeptidase-2 using different chemometrics tools" 5th WSEAS Int Conf on Cellular and Molecular Biology, Biophysics and Bioengineering/3th WSEAS Int Conf on Computational Chemistry.December 14-16, Puerto de la Cruz, Spain.

5- **Sabet, R.**; Hemmateenejad, B.; Fassihi, A.; Saghaie, L.; Miri, R.(2009) " Synthesis, antimicrobial evaluation and QSAR study of some 3-hydroxypyridine-4-one and 3-hydroxypyran-4-one derivatives" 4<sup>th</sup> International Meeting on Medicinal and Pharmaceutical Chemistry.30 September-2 October, Ankara, Turkey.

6- **Sabet, R.**; Shahlaie, M.; Fassihi, A., (2010) "QSAR Study of Anthranilic Acid Sulfonamides as Inhibitors of Methionine Aminopeptidase-2 using LS-SVM and GRNN based on Principal Components" 5th International Symposium on Computer Applications and Chemometrics in Analytical Chemistry. June 21-25, Budapest, Hungary.

7- Karbakhsh, R.; **Sabet, R.**; Monajjemi. M. (2010)"QSAR Study of azolo-adamantenes Derivatives against influenza A virus"5th International Symposium on Computer Applications and Chemometrics in Analytical Chemistry. June 21-25, Budapest, Hungary.

8- **Sabet, R.**; Shahlaie, M.; Fassihi, Saghlaie, L.(2010) " QSAR Analysis of Some 1-(3, 3-diphenylpropyl)-piperidinyl Amides and Ureas as CCR5 Inhibitors as Anti HIV agents using Genetic Algorithm- Least Square Support Vector Machine" 18<sup>th</sup> European Symposium on Quantitative Structure Activity Relationship.19-24 September, Rhodes, Greece.

9- **Sabet, R.**; Hemmateenejad, B.; Fassihi, A.; Saghlaie, L.; Miri, R.(2010) " QSAR Study of antimicrobial 3-hydroxypyridine-4-one and derivatives" 18<sup>th</sup> European Symposium on Quantitative Structure Activity Relationship.19-24 September, Rhodes, Greece.

10- Shahlaie, M.; **Sabet, R.**; Fassihi,A.; (2010) " Quantitative Structure Activities Relationships of Some 2-Mercaptoimidazoles as CCR2 Inhibitors using genetic algorithm- artificial neural networks"18<sup>th</sup> European Symposium on Quantitative Structure Activity Relationship.19-24 September, Rhodes, Greece.

## C: Abstracts in Iranian Congress

1. **Sabet, R.**; Fahham, N.; Miri, R., (1999) "Evaluation of continuing education seminars according to pharmacy practitioner opinion" The 1<sup>th</sup> Research day of pharmacy students, faculty of pharmacy, Shiraz university of medical sciences, 15 Nov. Shiraz, Iran.
2. **Sabet, R.**; Fahham, N.; Miri, R., (2000) "Evaluation of continuing education seminars according to pharmacy practitioner opinion" 7<sup>th</sup> Pharmacy Students Seminar, 8-10 Mar. Isfahan, Iran.
3. **Sabet, R.**; Fahham, N.; Mohammadi, S., (2001) "Formulation of an Herbal Shampoo by Using Three Phase Diagram" The 2<sup>th</sup> Research day of pharmacy students, faculty of pharmacy, Shiraz university of medical sciences, 19 Dec. Shiraz, Iran
4. **Sabet, R.**; Fahham, N.; Mohammadi, S., (2002) "Formulation of an Herbal Shampoo by Using Three Phase Diagram" 8<sup>th</sup> Pharmacy Students Seminar, 13-15 Mar. Kerman, Iran.
5. Javidnia, K.; Miri, R.; Jafari, A.; **Sabet, R.**, (2002) "Composition of the essential oil of *Lonicera nummularifolia*" 8<sup>th</sup> Iranian Pharmaceutical Sciences conference, 27-29 August, Shiraz, Iran.
6. Miri, R.; Javidnia, K.; Jafari, A.; **Sabet, R.**, (2002) "Composition of the essential oil of *Lonicera nummularifolia* Jaub & Spach from Iran", The 3<sup>th</sup> Research day of pharmacy students, faculty of pharmacy, Shiraz university of medical sciences, 17 Dec. Shiraz, Iran
7. Miri, R.; Javidnia, K.; Jafari, A.; **Sabet, R.**, (2003) "Composition of the essential oil of *Lonicera nummularifolia* Jaub & Spach from Iran" 9<sup>th</sup> Iranian Pharmacy Students Seminar, 28-30 May. Tabriz, Iran
8. Sabet, S.; Abdali, Kh.; **Sabet, R.**, (2003) "A comparison of efficacy and side effects of salbutamol and isoxopurine in premature labor pains" 9<sup>th</sup> Iranian Pharmacy Students Seminar, 28-30 May. Tabriz, Iran
9. **Sabet, R.**; Miri, R.; Javidnia, K., (2004) "Synthesis and evaluation of calcium-channel antagonist activity of new 1,4-dihydropyridine derivatives containing 4-bromo-2-phenyl imidazole at the C-4 position of the DHP ring" 10<sup>th</sup> Iranian Pharmacy Students Seminar 23-25 Oct. Mashhad, Iran
10. **Sabet, R.**; Miri, R., (2006) "Synthesis and evaluation of calcium-channel antagonist activity of new 1, 4-dihydropyridine derivatives containing 4-bromo-2-phenyl imidazole at the C-4 position of the DHP ring" 10<sup>th</sup> Iranian Pharmaceutical Sciences conference, 21-24 Aug, Tehran, Iran.

11. Azadpour, Z.; Delbari, N.; Fassihi, A.; **Sabet, R.**; Miri, R.; Saghaie, L.; Memarian, HR., (2008) "Synthesis and evaluation of cytotoxic activity of some novel 1,4-dihydropyridine 3,5-dicarboxamide derivatives as potential MDR-reversing agents" 11<sup>th</sup> Iranian pharmaceutical sciences conference", 18-21 Aug, Kerman, Iran.
12. **Sabet, R.**; Hemmateenejad, B.; Fassihi, A., (2008) "QSAR Study of HIV-1 Reverse Transcriptase Inhibitor 2-Amino-6-Arylsulfonylbenzonitriles Using Different Chemometric Tools" 11<sup>th</sup> Iranian pharmaceutical sciences conferences, 18-21 Aug, Kerman, Iran.
13. Fassihi, A., **Sabet, R.**, (2008) "QSAR study of substituted flavones as potent inhibitors of protein tyrosine kinase" 11<sup>th</sup> Iranian pharmaceutical sciences conference", 18-21 Aug, Kerman, Iran.
14. Delbari, N.; Fassihi, A.; **Sabet, R.**, (2008) "Synthesis and evaluation of antitubercular activity of some novel derivatives of 4-[2-methylthio-1-benzyl-5-imidazolyl]-2,6-dimethyl-3,5-bis-N-[(substituted phenyl)(pyridyl)]Carbamoyl-1,4-dihydropyridines" The 2<sup>th</sup> Iranian Congress of Clinical Microbiology, 7-9 Oct, Shiraz, Iran.
15. Azadpour, Z.; Fassihi, A.; **Sabet, R.**, (2008) "Synthesis and evaluation of some novel derivatives of 4-[2-methylthio-1-phenylamino-5-imidazolyl]-2,6-dimethyl-3,5-bis-N-[(substituted phenyl)(pyridyl)]Carbamoyl-1,4-dihydropyridines as potential anti-mycobacterial agents" The 2<sup>th</sup> Iranian Congress of Clinical Microbiology, 7-9 Oct, Shiraz, Iran.
16. Sadeghi, A.; **Sabet, R.**; Fassihi, A., (2009) "QSAR studies of Isatin derivatives as cytotoxic agents" 14<sup>th</sup> Iranian Pharmacy Students Seminar", 11-14 Feb, Ahwaz, Iran.
17. **Sabet, R.**; Hemmateenejad, B.; Fassihi, A.; Saghaie, L.; Miri, R (2010) " Application of QSAR methods based on the MOLMAP approach for predicting and proposing synthesis of novel derivatives of 3-Hydroxypyridine-4-ones with antibacterial and antifungal activity" 12<sup>th</sup> Iranian pharmaceutical sciences conferences, 2-5 Aug, Zanjan, Iran.
18. **Sabet, R.**; Shahlaie, M.; Fassihi, A., (2010) "QSAR Study of Anthranilic Acid Sulfonamides as Inhibitors of Methionine Aminopeptidase-2 using LS-SVM and GRNN based on Principal Components" 12<sup>th</sup> Iranian pharmaceutical sciences conferences, 2-5 Aug, Zanjan, Iran.
19. Karbakhsh, R.; **Sabet, R.**; Monajjemi. M. (2010) "QSAR Study of azolo-adamantenes Derivatives against influenza A virus" 12<sup>th</sup> Iranian pharmaceutical sciences conferences, 2-5 Aug, Zanjan, Iran.



20. **Sabet, R.**; Fassihi, A.; Hemmateenejad, B.; Saghaie, L.; Miri (2010) "Antibacterial Activity of Some new Synthesised 3-Hydroxypyridine-4-one Derivatives" The 4<sup>th</sup> Iranian Congress of Clinical Microbiology, 9-11 Nov, Isfahan, Iran.
21. **Sabet, R.**; Fassihi, A.; Hemmateenejad, B.; Saghaie, L.; Miri (2010) "Antifungal Activity of Some new Synthesised 3-Hydroxypyridine-4-one Derivatives" The 4<sup>th</sup> Iranian Congress of Clinical Microbiology, 9-11 Nov, Isfahan, Iran.
22. **Sabet, R.**; Fassihi, A.; Hemmateenejad, B.; Saghaie, L.; Miri (2012) "Computer-aided drug design of novel antibacterial 3-hydroxypyridine-4-ones: application of QSAR methods based on the MOLMAP approach. Journal of Computer-Aided Molecular Design" 13<sup>th</sup> Iranian pharmaceutical sciences conferences, 3-6 Sep, Isfahan, Iran.
23. **Sabet, R.**; Behjati, M.; Fassihi, A.; Saghaie, L.; (2012) "Miri Iron chelation afforded cardioprotection against H<sub>2</sub>O<sub>2</sub>-induced H9C2 cell injury: Application of novel 3-hydroxy pyridine-4-one derivatives" 13<sup>th</sup> Iranian pharmaceutical sciences conferences, 3-6 Sep, Isfahan, Iran.
24. **Sabet, R.**; Fassihi, (2013) "Antimicrobial Activity of Some new Synthesised 4-Hydroxypyridine-4-one Compounds" The 7<sup>th</sup> Iranian Congress of Clinical Microbiology, 27-29 Oct, Shiraz, Iran.
25. Leila Emami ,**Razieh Sabet** ,Soghra khabnadideh ,BehnazTajic,(2019) "QSAR, Docking and Insilico Study for Design New Compounds of Azole Analogues as Antifungal Agents" 16<sup>th</sup>Iranian pharmaceutical sciences conferences, 6-8 November, Kermanshah, Iran.
26. Farnaz Salehi, **Razieh Sabet**, Leila Emami,(2019) " Docking base, QSAR and insilico study for selectivity of DPP4 inhibitors" 16<sup>th</sup>Iranian pharmaceutical sciences conferences, 6-8 November, Kermanshah, Iran.
27. Somaye karimian, **Razieh Sabet**, amirhossein sakhteman, Mehdi khoshnevis zade,(2019) "QSAR and molecular modling study of 4-(thiazol-5-yl)benzoic acid derivatives as potent protein kinase CK2 inhibitors" 16<sup>th</sup>Iranian pharmaceutical sciences conferences, 6-8 November, Kermanshah, Iran.
28. Yousef Amid, Zeinab Faghieh, Sighra khabnadide, **Razieh sabet**,(2019) "Design and synthesis of some novel derivatives of Aryloxy Alkyl as Antifungal Agents " 16<sup>th</sup>Iranian pharmaceutical sciences conferences, 6-8 November, Kermanshah, Iran.

## **Workshop:**

1. Workshop on Windows, summer 2007.
2. Workshop on Microsoft office, summer 2007.
3. Workshop on Photoshop Software organized by Isfahan University of medical sciences, Isfahan, Iran, summer 2008.
4. Workshop on SPSS as Statistical Software organized by Isfahan University, Isfahan, Iran, summer 2008.
5. Workshop on MATLAB as Statistical Software organized by Isfahan University, Isfahan, Iran, summer 2008.
6. The first Workshop of QSAR & Molecular Modeling, Shiraz, Iran October 29-November 1, 2008.
7. The 8<sup>th</sup> Iranian Chemometrics Workshop on Quantitative Structure and Activity Relationship (QSAR) by Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, Iran, 7-9 Feb. 2009.
8. The Second Workshop of QSAR & Molecular Modeling, Shiraz, Iran 14 February 2009.
9. Workshop on INLM organized by Isfahan University of medical sciences, Isfahan, Iran, summer 2009.
10. Workshop on End Note & End Note Web organized by Isfahan University of medical sciences, Isfahan, Iran, Autumn 2009.
11. Workshop on References Manager organized by Isfahan University of medical sciences, Isfahan, Iran, winter 2009.
12. Workshop on Nanomedicine & Nanopharmacy, Isfahan, Iran, summer 2010.
13. Workshop on Automatic Blood Culture, 9-11 November, 2010, Isfahan, Iran.
14. Workshop on advanced SPSS as Statistical Software organized by Isfahan University, of medical sciences, Isfahan, Iran, , Autumn 2010.
15. Workshop on Ultra Performance Liquid Chromatography (UPLC), Isfahan, Iran, winter 2011.
16. Workshop on Molecular Dynamics Simulation by GROMACS ; Feb 2018
17. Workshop on Chemoinformatics; April 2018

## **Thesis Supervision:**

### **As Supervisor and Co-Supervisor:**

1. Samaneh Mohseni, Evaluation and structure–activity relationships of some azole derivatives as aromatase inhibitors. Dec 2013-Dec 2014.
2. Hasti Pournaghz, Evaluation of cytotoxic activity and quantitative structure-activity relationship and molecular docking of some isatin compounds derivatives as anti-breast cancer agent. Jun 2015-Aug2016.
3. Samira Heidari; The effect of Metformine on Acetic Acid induced-colitis in rats Sep 2015-Oct 2016.
4. Isar Jafroudi, QSAR Analysis and Molecular Docking Studies of Some Isatin Derivatives as Potent Antimicrobial Agents for Design and Synthesis of New Compounds. May 2016-July 2017.
5. Bahareh Rahaeefard; Design, synthesis and cytotoxic activity evaluations of novel dichloroacetamide derivatives as potential anticancer agents (I). Mar 2016- Aug 2017.
6. Sahba Ghaffarian, Design, synthesis and cytotoxic activity evaluations of novel dichloroacetamide derivatives as potential anticancer agents (II). Mar 2016- Aug 2017.
7. Neda Ershadi: Design, Synthesis and Antimicrobial Evaluation of Some Novel Spiro[indole-thiazolidine]. Sep 2016-Dec 2017.
8. Maryam Moeini: Synthesis and Antifungal Evaluation of some new Spiro[oxindoles] including pyrane ring. Oct 2016-Nov 2017.
9. Yeganeh Shahbazi: Antifungal and Antibacterial activity of 14 New pyrano pyrazole Derivatives. Mar 2017- Feb 2018.
10. Hasti Salim: Synthesis of some novel aryloxy alkyl benzimidazole derivatives as antifungal agents (1). Jan 2017-Feb 2018.
11. Shiva Emadi; Synthesis of some novel aryloxy alkyl benzimidazole derivatives as antifungal agents (2). Jan 2017-Feb 2018.
12. Fariba Moeinikhah: Synthesis of some novel phenoxy alkyl triazole derivatives as antifungal agents 1. Jan 2017-Feb 2018.
13. Maryam Shirozhan: Synthesis of some novel phenoxy alkyl triazole derivatives as antifungal agents 2. Jan 2017-Feb 2018.
14. Behnaz Kazemi: Evaluation of antileishmanial activities of some new pyrazole derivatives. Jan 2017-Feb 2018.
15. Masood Mohabbati jahromi: Evaluation of antileishmanial activities of some new

pyrazole derivatives. Jan 2017-Feb 2018.

16. Ali mansourian; Synthesis of some novel Phenoxyalkyl theophylline derivatives as antimicrobial agents. May 2017-Mar 2018.

17. Maryam Moomen: QSAR Analysis of Some Azole Derivatives as Potent Antimicrobial Agents for Design and Synthesis of New Compound. May 2017-Mar 2018.

18. Forough Hassanpour : Synthesis of Some Novel Spiro[indole-thiazolidine]. Apr 2017-Mar 2018.

19. Mohammad Asad: Synthesis of Some Novel Quinazoline Derivatives as Antimicrobial and Cytotoxic Agents. Apr 2017-Mar 2018.

20. Yasaman Farahmand; Antifungal and Antibacterial of Some New Quinoxaline Derivatives. Agu 2017-May 2018.

21. Behnaz Tajik: Quantitative structure-activity relationship (QSAR) of some Azole compounds derivatives as antifungal agents. Agu 2017-May 2018.

22. Forogh rezaie: Synthesis and anti-leishmanial evaluation of some novel arylimidamide derivatives, Jul2017-Jun 2018.

23. Farnoush Soleimani Gharbi: Antifungal and antibacterial and cytotoxic evaluation of some new spiroxyindole derivatives. Jul2017-Jun 2018.

24. Yusef Amid: Design and synthesis of some novel derivatives of aryloxy alkyl azoles as antifungal agents. Jul 2017-Sep 2018.

25. Harigh Ebrahim: Synthesis of some novel Quinazolinone derivatives with substitution at 2,3-positions. Sep2018-Jun 2019.

26. Dara Fathi: Quantitative Structure-Activity Relationship (QSAR) of some isatin compounds derivatives as anti-breast cancer agents. APr 2018-Feb 2019.

27. Hadaegh Saba: synthesis and evaluation of inhibitory activity of Tyrosinase enzyme and docking studies on novel derivatives of imidazo[1-2,a] pyridine-2-carbohydrazide bound to hydroxy arilidine groups .Jan 2018-May 2019.

28. Parvin Tahayori: Quantitative structure-activity relationship (QSAR) and molecular ducking and insillico study of some quinazoline compounds derivatives as anti-breast cancer agents.Sep 2018-Jul 2019.

29. Sedigheh Halimi;Design and Synthesis of some hybrid structure of Quinazoline -Azole derivatives.Jan 2019- Nov 2019.

30. Mohammad Saeid Agah: Evaluation of anti-seizure activity of novel spiro-indole

thiazolidnes. Dec 2018- October 2019.

31. Sahar Zarei Kordshouli; Evaluation of anti-seizure activity of novel spiro-indole thiazolidnes. Dec 2018- October 2019.

32. Nazy Dashtkhosh; Evaluation of toxicity and anti-leishmania effects of novel derivatives of tetrahydropyrimidines and derivatives of pyrazoles on murine macrophages in vitro (I). Jan 2019-Jun 2020.

33. Atefe Omid; Evaluation of toxicity and anti-leishmania effects of novel derivatives of tetrahydropyrimidines and derivatives of pyrazoles on murine macrophages in vitro (II). Jan 2019-Jun 2020.