

# CURRICULUM VITAE

*Maliheh Safavi, Bsc, Msc and PhD*

## **PERSONAL INFORMATION:**

Name: **Maliheh**

Last name: **Safavi**

## **CONTACT ADDRESS**

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## **Education:**

1. Postdoctoral researcher, Pharmacology Faculty, Tehran University of Medical Sciences, Tehran, Iran (2013 March- 2013 November)
2. PhD in Biochemistry, Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran(2008 October-2013 March)
3. Msc in Clinical Biochemistry, Tabriz University of Medical Sciences, Faculty of Medicine (2001-2003).
4. Bsc in Biology. Guilan University (1998-2001).

## **Teaching experience:**

### **Courses Taught:**

- New subjects in cellular and molecular biology (Ph.D students)
- Cellular and molecular processes in eukaryotes (Ph.D students)
- Metabolic Engineering (Ph.D students)
- Cellular and Molecular Biology of Cancer (Ph.D students)
- Medicinal Chemistry for Master students (Ph.D students)
- Advanced Research Methodology (Ph.D students)
- Macromolecules Structure and Function (Master students)
- Tissue & cell culture (Bsc students)
- Animal biotechnology (Bsc students)
- Biochemistry for (Bsc students)
- Biochemistry of Hormone (Bsc students)
- Biochemistry of Carbohydrates and Lipides (Bsc students)

## **Research Experiences**

### **Previous Projects:**

#### **Involving in 65 project as co-investigator**

#### **Principal investigator in (Some projects are included):**

1. Evaluation of complexes of 2-hydroxyacetophenone semicarbazones as novel series of superoxide dismutase mimetics
2. Synthesis and evaluation of *in vitro* anticancer activity of quinazoline derivatives.
3. *In-vitro* anti-cancer and apoptosis inducing activity of some synthetic compounds on several human cancer cell lines
4. Design, synthesis and evaluation of anti-cancer activity of novel benzo[7,8]chromeno [2,3-d]pyrimidin as tyrosin kinase inhibitors.
5. Evaluation of anticancer and antioxidant activities of marine microalgae from Iran

### **Current Projects:**

#### **Involving in 15 project as co-investigator**

#### **Principal investigator in:**

1. *In vitro* anticancer and antioxidant activity of essential oil and extract of from ipomoea leaves against human cancer cell lines and their molecular mechanism.
2. Anticancer and antioxidant activities of green microalgae of Persian Gulf on breast cancer cell lines.
3. Design and Synthesis of Mesoporous Nano Silica Vehicle for siRNA delivery against EGFR1 in a Human Breast Cancer cell line.
4. Extraction, Characterization and Biological Activity Evaluation of Exopolysaccharides From Isolated Strains of Persian Gulf Chlorophyta.
5. Neuroprotective compounds from marine origine.

## **Professional expertise:**

1. PhD thesis title: Evaluation of synergistic cytotoxic activity of flavanon derivatives with Toll like receptor 3 agonist on three cancer cell line.
2. Msc thesis title: Relationship between microalbuminuria and extension of coronary atherosclerotic lesions.
3. Other research area: Enzyme assay , Cell culture, 3D-Cell culture, SDS-PAGE, Western blotting, Electrophoresis, Enzyme assay, Nanoparticles, Synthesis in organic chemistry lab, Chromatography, SRID, Auto analyzer,...
4. Experience in Cytogenetics for two (2) years. (Including: karyotype and chromosome analysis by method G-banding.)

## **Present and previous positions:**

1. Deputy of Biotechnology Department of Biotechnology, Iranian Research Organization for Science and Technology (2018-present)
2. Manager of Reference Lab of Iranian Research Organization for Science and Technology (2017-2018)
3. Assistant professor in Department of Biotechnology, Iranian Research Organization for Science and Technology, Tehran, Iran (2013-present)
4. Researcher and Postdoct in Faculty of Pharmacy and Pharmaceutical Sciences Research Center, Tehran University of Medical Sciences (2006-2008; 2013).

## **Active research areas:**

1. Toxicity evaluation of engineered nanomaterials.
2. Study on Persian Gulf microalgae for bioactive compounds.
3. Evaluation of bioactive compounds from natural resources.
4. Evaluation of anti-cancer activity and cell death mechanism of synthetic and natural compounds (MTT test, Flow cytometry, Fluorescence microscope method, Enzym assay, western blotting,...).
5. Synthesis nanoparticles for gene delivery

## **Honors and Awards:**

1. Several Internatiinal grants (Italy, Germany,...)
2. Distinguished Researcher in IROST (2015)
3. PhD in Tehran University Scor.: Thesis score: 20/20 (2013-PhD)
4. FIRST-DEGREE in Tabriz University (2004 – Msc)
5. FIRST-DEGREE in Guilan University (2001- Bsc)

## Publications:

### International Publications:

1. Mirzaei M, Mirdamadi S, Safavi M, Hadizadeh M. In vitro and in silico studies of novel synthetic ACE-inhibitory peptides derived from *Saccharomyces cerevisiae* protein hydrolysate. *Bioorg Chem.* 2019;87:647-654. **(ISI, 3.92)**.
2. Bakherad Z , Safavi M, Sepehri S, Fassihi A, Sadeghi-aliabadi H, Bakherad M, Rastegar H, Larijani B, Saghaie L, Mahdavi M. Preparation of some novel imidazopyridine derivatives of indole as anticancer agents: one-pot multicomponent synthesis, biological evaluation and docking studies. *Research on Chemical Intermediates.* 2019;45 (10): 5261–90 **(ISI, 1.67)**
3. Mirzaei M, Mirdamadi S, **Safavi M**. Antioxidant activity and protective effects of *Saccharomyces cerevisiae* peptide fractions against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in Caco-2 cells. *J Food Meas Charact.* 2019 **(ISI, 1.415)**.
4. Eftekhari M, Shams Ardekani MR, Amin M, Attar F, Akbarzadeh T, **Safavi M**, Karimpour-Razkenari E, Amini M, Isman M, Khanavi M. *Oliveria decumbens*, a Bioactive Essential Oil: Chemical Composition and Biological Activities. *Iran J Pharm Res.* 2019 ;18(1):412-421. **(ISI, 1.74)**.
5. Mirzaei M, Mirdamadi S, **Safavi M**, Zare D, Hadizadeh M, Asadi MM. Synthesis, in vitro and cellular antioxidant activity evaluation of novel peptides derived from *Saccharomyces cerevisiae* protein hydrolysate: structure-function relationship : Antioxidant activity and synthetic peptides. *Amino Acids.* 2019;51(8):1167-1175 **(ISI, 2.52)**.
6. Shakeri R, Khorshidi J, LA Radjabian LA, **Safavi M**. Cytotoxic and antioxidant activities of *Crocus pallasii* subsp. *haussknechtii* corms extracts compared with *Crocus sativus*. *Res J Pharmacogn.* 2019; 6 (3): 51-59 **(ISI)**.

7. Abolhasani MH, **Safavi M**, Goodarzi MT, Kassae SM, Azin M. Statistical optimization of medium with response surface methodology for biomass production of a local Iranian microalgae *Picochlorum* sp. RCC486. *Advanced Research in Microbial Metabolites & Technology* 1 (2018) 39-49 **(ISC)**.
8. Manshadi SM, **Safavi M**, Rostami Sh, Nadali F, Ardekani MR. Apoptosis Induction of *Armeniacae* Semen Extractin Human Acute Leukemia (NALM-6 and KG-1) Cells. *International Journal of Hematology-Oncology and Stem Cell Research*. 2019; 13(3):116-121 (Scopus, Pubmed...).
9. Jamali T, Kavooosi G, **Safavi M**, Ardestani SK. In-vitro evaluation of apoptotic effect of OEO and thymol in 2D and 3D cell cultures and the study of their interaction mode with DNA. *Sci Rep*. 2018; 25;8(1):15787. **(ISI, 4.12)**
10. Mirzaei M, Mirdamadi S, **Safavi M**, Hadizadeh M. *In vitro* and in silico studies of novel synthetic ACE-inhibitory peptides derived from *Saccharomyces cerevisiae* protein hydrolysate. *Bioorg Chem*. 2019; 28;87:647-654. **(ISI, 3.92)**
11. Bakherad Z, **Safavi M**, Fassihi A, Sadeghi-Aliabadi H, Bakherad M, Rastegar H, Saeedi M, Ghasemi JB, Saghale L, Mahdavi M. Design and Synthesis of Novel Cytotoxic Indole-Thiosemicarbazone Derivatives: Biological Evaluation and Docking Study. *Chem Biodivers*. 2019;16:e1800470. **(ISI, 1.61)**
12. Saeedi M, Hashemi M, Mahdavi M, Rafinejad A, Najafi Z, Mirfazli S, Mohammadian R, Karimpour-Razkenari E, Ardestani SK, **Safavi M**, Akbarzadeh T. Synthesis and Anticancer Activity of *N*-(di/trimethoxyaryl)-5-arylisoxazole-3-carboxamide, *Polycyclic Aromatic Compounds*. 2019; Doi:10.1080/10406638.2018.1564677. **(ISI, 2.00)**
13. Ghaffari M, Moztaarzadeh F, **Safavi M**. A comparative study on the shape-dependent biological activity of nanostructured zinc oxide. *Ceramics International*. 2019;45(1):1179-1188 **(ISI, 3.05)**

14. Bakherad Z, **Safavi M**, Fassihi A, Sadeghi-Aliabadi H, Bakherad M, Rastegar H, Ghasemi J, Sepehri S, Saghaie L, Mahdavi M. Anti-cancer, anti-oxidant and molecular docking studies of thiosemicarbazone indole-based derivatives. *Research on Chemical Intermediates*. 2019;45: 827–2854 (**ISI, 1.67**)
15. Tashrifi Z, Mohammadi-khanaposhtani M, Shafiee Ardestani M, **Safavi M**, Rad-Mighadam K, Mehrdad M, Larijani B, Mahdavi M. Design, synthesis and in vitro cytotoxicity of new 1,2,3-triazol- and nitrostyrene hybrids as potent anticancer agents. *Letters in Drug Design & Discovery*. 2019; 16(2):213-219 (**ISI, 0.92**)
16. Saeedi M, Mohammadi-Khanaposhtani M, Pourrabia P, Razzaghi N, Ghadimi R, Imanparast S, Faramarzi MA, Bandarian F, Esfahani E, **Safavi M**, Rastegar H, Larijani B, Mahdavi M, Akbarzadeh T. Design and synthesis of novel quinazolinone-1,2,3-triazole hybrids as new anti-diabetic agents: in vitro  $\alpha$ -glucosidase inhibition, kinetic, and docking study. *Bioorganic Chemistry*. 2018; 83:161-169 (**ISI, 3.9**)
17. Mohammadi-Khanaposhtani M, Rezaei S, Khalifeh R, Imanparast S, Faramarzi MA, Bahadorikhalili S, **Safavi M**, Bandarian F, Nasli Esfahani E, Mahdavi M, Larijani B. Design, synthesis, docking study,  $\alpha$ -glucosidase inhibition, and cytotoxic activities of acridine linked to thioacetamides as novel agents in treatment of type 2 diabetes. *Bioorg Chem*. 2018;80:288-295 (**ISI, 3.9**)
18. Mohammadi-Khanaposhtani M, Fahimi K, Karimpour-Razkenari E, **Safavi M**, Mahdavi M, Saeedi M, Akbarzadeh T. Design, Synthesis, and Cytotoxicity of Novel Coumarin-1,2,3-triazole-1,2,4- Oxadiazole Hybrids as Potent Anti-breast Cancer Agents. *Letters in Drug Design & Discovery*. 2019;16(7):818-824 (**ISI, 0.92**)
19. Abolhasani MH, **Safavi M**, Goodarzi MT, Kassae SM, Azin M. Identification and anti-cancer activity in 2D and 3D cell culture evaluation of an Iranian isolated marine

- microalgae *Picochlorum* sp. RCC486. *DARU Journal of Pharmaceutical Sciences*. 2018; 26:105-116. **(ISI, 2.48)**.
20. Khalili F, Akrami S, **Safavi M**, Mohammadi-Khanaposhtanid M, Saeedi M, Ardestani SK, Larijani B, Zonouzi A, Tehrani MB, Mahdavi M. Design, synthesis, in vitro cytotoxic activity evaluation, and study of apoptosis inducing effect of new styrylimidazo[1,2-a]pyridines as potent anti-breast cancer agents. *Anticancer Agents Med Chem*. 2018; doi: 10.2174/1871520618666180903100835. **(ISI, 2.63)**
21. Firoozpour L, Mokhtai A, Moghimi S, **Safavi M**, Foroumadi A. Synthesis and biological evaluation of 2-phenyl benzothiazole derivatives as cytotoxic agents. *Journal of Sciences, Islamic Republic of Iran*. 2018;29(4);335-340 **(Scopus; ISC)**
22. Ayati A, Oghabi Bakhshaiesh T, Moghimi S, Esmaeili R, Majidzadeh-A K, **Safavi M**, Firoozpour L, Emami S, Foroumadi A. Synthesis and biological evaluation of new coumarins bearing 2,4-diaminothiazole-5-carbonyl moiety. *Eur J Med Chem*. 2018;155:483-491 **(ISI, 4.81)**.
23. Baniameriana H, **Safavi M**, Alvarado-Morales M, Tsapekos P, Angelidakic I, Shokrollahzadeh S. Photocatalytic inactivation of *Vibrio fischeri* using Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-based nanoparticles. *Environmental Research*. 2018;166:497-506 **(ISI, 4.7)**
24. **Safavi M**, Ashtari A, Khalili F, Mirfazli SS, Saeedi M, Ardestani SK, Rashidi Ranjbar P, Barazandeh Tehrani M, Larijani B, Mahdavi M. Novel quinazolin-4(3H)-one linked to 1,2,3-triazoles: Synthesis and anticancer activity. *Chem Biol Drug Des*. 2018;92(1):1373-1381 **(ISI, 2.39)**
25. Rustaie A, Hadjiakhoondi A, Akbarzadeh T, **Safavi M**, Samadi N, Sabourian R, Khanavi M, Phytochemical constituents and biological activities of *Salvia suffruticosa*. *Research Journal of Pharmacognosy*. 2018; 5(2): 25-32. **(ISI,ISC)**



26. Ayati A, Esmaeili R, Moghimi S, Oghabi Bakhshaiesh T, Eslami-S Z, Majidzadeh-A K, **Safavi M**, Emami S, Foroumadi A. Synthesis and biological evaluation of 4-amino-5-cinnamoylthiazoles as chalcone-like anticancer agents. *Eur J Med Chem.* 2018; 145:404-412. **(ISI, 4.81)**
27. Mirzahosseini G, Manayi A, Khanavi M, **Safavi M**, Salari A, Madjid Ansari A, San'ati H, Vazirian M. Bio-guided isolation of *Centaurea bruguierana* subsp. *belangerana* cytotoxic components. *Nat Prod Res.* 2018;33(11): 1687-1690. **(ISI, 1.9)**
28. Farjadmand F, Khanavi M, Eftekhari M, Hosseinsalari A, Akbarzadeh T, **Safavi M**, Asatouri R, Mirabzadeh M, Shams Ardekani MR. The effect of extraction method on the major constituents and biological effects of *Trachyspermum ammi* L. fruits. *Research Journal of Pharmacognosy (RJP)* 5(1), 2018: 55-61. **(ISI,ISC)**
29. Kahkeshani N, Hadjiakhoondi A, Navidpour L, Akbarzadeh T, **Safavi M**, Karimpour-Razkenari E, Khanavi M. Chemodiversity of *Nepeta menthoides* Boiss. & Bohse. essential oil from Iran and antimicrobial, acetylcholinesterase inhibitory and cytotoxic properties of 1,8-cineole chemotype. *Nat Prod Res.* 2018;32(22):2745-2748. **(ISI, 1.9)**
30. **Safavi M**, Shakeri R, Ardestani SK, Davoodi J, Ajdary S, Foroumadi A. Caspase-dependent apoptosis induced by two synthetic halogenated flavanones, 3',7-dichloroflavanone and 3',6-dichloroflavanone, on human breast and prostate cancer cell. *In Vitro Cellular & Developmental Biology – Animal.* 2018;54(2):136-146 **(ISI, 0.897)**
31. Asadi M, Mahdavi M, Mahernia Sh, Rezaei Z, **Safavi M**, Saeedi M, Amanlou M. Synthesis and Urease Inhibitory Activity of Some 5-Aminomethylene Barbituric/Thiobarbituric Acid Derivatives. *Letters in Drug Design & Discovery*, 2018; 15(4):428-36 **(ISI, 1.17)**
32. Rezaee S, Javaheri R, Asadi M, Mahdavi M, Edraki N, Firuzi O, **Safavi M**, Amini M, Asadipour A, Firoozpour L, Foroumadi A, Shabani S. Synthesis and Biological Evaluation

of 1,3,4-Thiadiazole Linked Phthalimide Derivatives as Anticancer Agents. *Letters in Drug Design & Discovery*, 2017;14(10): 1138 - 1144 (ISI, 1.17)

33. Akrami H, **Safavi M**, Mirjalili BF, Dehghani Ashkezari M, Dadfar F, Mohaghegh N, Emami S, Salehi F, Nadri H, Ardestani SK, Firoozpour L, Khoobi M, Foroumadi A. Facile synthesis and antiproliferative activity of 7H-benzo[7,8]chromeno[2,3-d]pyrimidin-8-amines. *Eur J Med Chem*. 2017;127:128-136.(ISI, 3.9)
34. Eftekhari M, Shams Ardekani MR, Amini M, Akbarzadeh T, **Safavi M**, Karimpour E, Khanavi M. Biological activities of the essential oil and total extract of *Salvia macrosiphon* Boiss. *J Basic Clin Pharma* 2017;8:82-86 (Pubmed)
35. Saeedi M, **Safavi M**, Karimpour-Razkenari E, Mahdavi M, Edraki N, Moghadam FH, Khanavi M, Akbarzadeh T. Synthesis of novel chromenones linked to 1, 2, 3-triazole ring system: Investigation of biological activities against Alzheimer's disease. *Bioorganic Chemistry* 2017;70:86-93.(ISI, 2.7)
36. Hariri R, Afshar Z, Mahdavi M, **Safavi M**, Saeedi M, Najafi Z, Sabourian R, Karimpour-Razkenari E, Edraki N, Moghadam FH, Shafiee A, Khanavi M, Akbarzadeh T. Novel Tacrine-Based Pyrano[3',4':5,6]pyrano[2,3-b]quinolinones: Synthesis and Cholinesterase Inhibitory Activity. *Arch. Pharm. Chem. Life Sci*. 2016;349:915–924.(ISI, 2.04)
37. Mahdavi M, Dianat S, Khavari B, Moghimi S, Abdollahi M, **Safavi M**, Mouradzadegun A, Ardestani SK, Sabourian R, Emami S, Akbarzadeh T, Shafiee A, Foroumadi A. Synthesis and biological evaluation of novel imidazopyrimidin-3-amines as anticancer agents. *Chem Biol Drug Des*. 2017;89(5):797-805. (ISI, 2.8)
38. Dehghankelishadi P, Saadat E, Ravar F, **Safavi M**, Pordeli M, Gholami M, Dorkoosh FA. *In vitro* and *in vivo* evaluation of Paclitaxel-Lapatinib loaded F127 Pluronic micelles. *Drug Dev Ind Pharm*. 2017; 31:1-24.(ISI, 2.42)

39. **Safavi M**, Sabourian R, Abdollahi M. The development of biomarkers to reduce attrition rate in drug discovery focused on oncology and central nervous system. *Expert Opin Drug Discov.* 2016; 11(10):939-56. **(ISI:3.48)**
40. Pordeli M, Nakhjiri M, **Safavi M**, Ardestani SK, Foroumadi A. Anticancer effects of synthetic hexahydrobenzo [g]chromen-4-one derivatives on human breast cancer cell lines. *Breast Cancer.* 2017;24(2):299-311 **(ISI, 1.17)**
41. Najafi Z, Mahdavi M, Saeedi M, Sabourian R, Khanavi M, **Safavi M**, Barazandeh MTehrani, Shafiee A, Foroumadi A and Akbarzadeh T. 1,2,3-Triazole-Isoxazole Based Acetylcholinesterase Inhibitors: Synthesis, Biological Evaluation and Docking Study. *Letters in Drug Design & Discovery*, 2016;13(10) **(ISI, 0.97)**
42. Mahdavi M, Mohammadi-Izad S, Saeedi M, **Safavi M**, Ebrahimi S, Foroumadi A, Shafiee A. Synthesis and cytotoxicity of novel chromenone derivatives bearing 4-nitrophenoxy phenyl acryloyl moiety. *J Iran Chem Soc.* 2016;13:1139-44. **(ISI, 1.3)**
43. Almasirad A, Firoozpour L, Nejati M, Edraki N, Firuzi O, Khoshneviszadeh M, Mahdavi M, Moghimi S, **Safavi M**, Shafiee A, Foroumadi A. Design, synthesis, and biological evaluation of new series of 2-amido-1,3,4-thiadiazole derivatives as cytotoxic agents. *Z. Naturforsch.* 2016; 71(3)b: 205–210 **(ISI, 0.55)**
44. **Safavi M**, Sabourian R, Foroumadi A. Treatment of Helicobacter pylori infection: current and future insights. *World J Clin Cases* 2016;4(1):5-19 **(PubMed)**.
45. Mohammadi-Khanaposhtani M, Mahdavi M, Saeedi M, Sabourian R, **Safavi M**, Khanavi M, Foroumadi A, Shafiee A, Akbarzadeh T. Design, Synthesis, Biological Evaluation, and Docking Study of Acetylcholinesterase Inhibitors: New Acridone-1,2,4-oxadiazole-1,2,3-triazole Hybrids. *Chem Biol Drug Des* 2015; 86: 1425–1432 **(ISI, 2.48)**

46. Maqbool F, **Safavi M**, Bahadar H, Rahimifard M, Niaz K, Abdollahi M. Discovery approaches for novel dyslipidemia drugs. *Curr Drug Discov Technol* 2015;12(2):90-116 **(PubMed)**
47. Mohammadi-Khanaposhtani M, **Safavi M**, Sabourian R, Mahdavi M, Pordeli M, Saeedi M, Ardestani SK, Foroumadi A, Shafiee A, Akbarzadeh T. Design, synthesis, in vitro cytotoxic activity evaluation, and apoptosis-induction study of new 9(10H)-acridinone-1,2,3-triazoles. *Mol Divers*. 2015; 19(4):787-95. **(ISI, 1.89)**
48. Mohammadhosseini N, Pordeli M, **Safavi M**, Firoozpour L, Amin F, Ardestani SK, Edraki N, Shafiee A, Foroumadi A. Novel N-2-(Furyl)-2-(chlorobenzyloxyimino) ethyl Piperazinyl Quinolones: Synthesis, Cytotoxic Evaluation and Structure-activity Relationship. *IRAN J PHARM RES*. 2015;14 (4): 1095-1103 **(ISI,0.6)**
49. **Safavi M**, Nikfar S, Abdollahi M. A Systematic Review of Drugs in Late-Stage Development for the Treatment of Multiple Sclerosis: A Focus on Oral Synthetic Drugs. *Inflamm Allergy Drug Targets*. 2015;13(6):351-66. **(PubMed)**
50. Alipour E, Mohammadhosseini N, Firoozpour L, **Safavi M**, Ardestani SK, Shafiee A, Foroumadi A. Synthesis and *in vitro* cytotoxic activity of N-[2-(thienyl)-2-(chlorobenzyloxyimino)]ethyl enoxacin derivatives. *J. Chem. Pharm. Res*. 2015;7(3):2507-2511 **(PubMed)**
51. Mahdavi M, Pedrood K, **Safavi M**, Saeedi M, Pordeli M, Ardestani SK, Emami S, Adib M, Foroumadi A, Shafiee A. Synthesis and anticancer activity of N-substituted 2-arylquinazolinones bearing trans-stilbene scaffold. *Eur J Med Chem*. 2015;95:492-499 **(ISI, 3.49)**.
52. Akbarzadeh T, Noushini S, Taban S, Mahdavi M, Khoshneviszadeh M, Saeedi M, Emami S, Eghtedari M, Sarrafi Y, Khoshneviszadeh M, **Safavi M**, Divsalar K, Moshafi MH, Asadipour A, Sabourian R, Edraki N, Firouzi O, Miri R, Shafiee A, Foroumadi A.

- Synthesis and cytotoxic activity of novel poly-substituted imidazo[2,1-[Formula: see text]][1,2,4]triazin-6-amines. *Mol Divers.* 2015;19(2):273-81 (**ISI: 2.544**)
53. Vosooghi M, Sabourian R, Tahghighi A, Mahdavi M, Emami S, Razmi S, Ardestani SK, **Safavi M**, Foroumadi P, Kaveh S, Khoshneviszadeh M, Edraki N, Shafiee A, Foroumadi A. Synthesis, antileishmanial activity and QSAR study of (1,3,4-thiadiazol-2-ylthio) acetamides derived from 5-nitrofurans. *Med Chem Res.* 2015;24(2):891-900 (**ISI: 1.61**)
54. Vosooghi, M., Firoozpour, L., Rodaki, A., Pordeli, M., **Safavi, M.**, Ardestani, S.K., Dadgar, A., Asadipour, A., Moshafi, M., Foroumadi, A. Design, synthesis, docking study and cytotoxic activity evaluation of some novel letrozole analogs. *Daru.* 2014;22(1):1. (**ISI, 1.61**)
55. Rahmani-Nezhad, S., **Safavi, M.**, Pordeli, M., Ardestani, S.K., Khosravani, L., Pourshojaei, Y., Mahdavi, M., Emami, S., Foroumadi, A., Shafiee, A., Synthesis, in vitro cytotoxicity and apoptosis inducing study of 2-aryl-3-nitro-2H-chromene derivatives as potent anti-breast cancer agents. *Eur J Med Chem.* 2014;86:562-569 (**ISI, 3.49**)
56. **Safavi, M.**, Shams-Ardakani, M., Foroumadi, A. Medicinal plants in the treatment of *Helicobacter pylori* infections. *Pharm. Biol.* 2015; 53(7):939-60 (**ISI,1.33**)
57. Kheirollahi, A., Pordeli, M., **Safavi M.**, Mashkouri, S., Naimi-Jamal, M.R., Ardestani, S.K. Cytotoxic and apoptotic effects of synthetic benzochromene derivatives on human cancer cell lines. *Naunyn Schmiedeberg's Arch. Pharmacol.* 2014; 387(12):1199-208 (**ISI, 2.36**).
58. Najafi, Z., Mahdavi, M., **Safavi, M.**, Saeedi, M., Alinezhad, H., Pordeli, M. Ardestani, S. K., Shafiee, A., Foroumadi, A., Akbarzadeh, T. Synthesis and In vitro cytotoxic activity of novel Triazole-Isoxazole derivatives. *J. Heterocyclic Chem.* 2015; 52:1743-1747 (**ISI, 1.22**)
59. Ketabforoosh, S.H.M.E., Kheirollahi A, **Safavi, M.**, Esmati, N., Ardestani, S.K., Emami, S., Firoozpour, L., Shafiee, A., Foroumadi, A. Synthesis and anti-cancer activity evaluation

- of new dimethoxylated chalcone and flavanone analogs. *Archiv der Pharmazie*, 2014; 347: 1-8. **(ISI, 2.04)**
60. Adhami, F., *Safavi, M.*, Ehsani, M., Ardestani, S.K., Emmerling F., Simyari F. Synthesis, crystal structure, and cytotoxic activity of novel cyclic systems in [1,2,4]thiadiazolo[2,3-a]pyridine benzamide derivatives and their copper(II) complexes. *Dalton Trans.*, 2014; 43, 7945-7957. **(ISI, 4.09)**
61. Alipour, E., Mousavi, Z., Safaei Z., Pordeli, M., *Safavi, M.*, Firoozpour, L., Mohammadhosseini, N., Saeedi, M., Ardestani, S.K., Shafiee, A., Foroumadi, A., Synthesis and cytotoxic evaluation of some new [1,3]dioxolo[4,5-g]chromen-8-one derivatives. *Daru*. 2014; 22(1): 41 **(ISI,0.63)**
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