

رزومه

## Curriculum Vitae

### (۱) مشخصات فردی

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### (۱۱) تحصیلات دانشگاهی

- (۱) پزشکی عمومی، دانشگاه علوم پزشکی مشهد، (مهر ماه ۱۳۷۱ لغایت شهریور ماه ۱۳۷۹)
- (۲) دکترای تخصصی Ph.D، دانشگاه علوم پزشکی ایران، (بهمن ماه ۱۳۷۹ لغایت اردیبهشت ماه ۱۳۸۵)

### (۳) تجربیات حرفه ای

### (۴) تجربیات آموزشی

- (۱) مدرس پاره وقت فارماکولوژی، دانشکده علوم پزشکی شاهرود و ارتش، (مهر ۸۶ لغایت تیر ۸۴)
- (۲) استادیار فارماکولوژی، دانشکده پزشکی، دانشگاه علوم پزشکی مشهد، (مرداد ماه ۱۳۸۵ لغایت تاکنون)

### (۵) عناوین و امتیازات ویژه

- (۱) رتبه اول در گروه علوم پایه پزشکی، جشنواره هفته پژوهش دانشگاه علوم پزشکی مشهد سال ۱۳۸۸
- (۲) ایده آموزشی برتر در جشنواره آموزشی شهید مطهری، سال ۱۳۸۸
- (۳) رتبه اول آزمون دکترای تخصصی فارماکولوژی در کشور، سال ۱۳۷۹
- (۴) رتبه سوم آزمون پره انترنی- دانشکده پزشکی، سال ۱۳۷۷
- (۵) عضو کمیته اجرایی انجمن تحقیقات سرطان خاور میانه

### (۶) فعالیت های پژوهشی

(الف) انتشار مقاله در ژورنال های علمی پژوهشی سطح I: ISI

1. Sharifi AM, Mousavi SH, Bakhshayesh M, Tehrani FK, Mahmoudian M, Oryan S. Study of correlation between lead-induced cytotoxicity and nitric oxide production in PC12 cells. Toxicol Lett. 2005; 160(1):43-48. (IF:3.25).

2. Sharifi AM, Mousavi SH, Farhadi M, Larijani B. Study of high glucose-induced apoptosis in PC12 cells: role of bax protein. *J Pharmacol Sci.* 2007; 104(3):258-262. (IF:2.38).
3. Sharifi AM, Mousavi SH Studying the Effects of Lead on DNA Fragmentation and Proapoptotic Bax and Antiapoptotic Bcl-2 Protein Expression in PC12 Cells *Toxicology Mechanisms and Methods*, 2008, 18: 75-79. (IF: 0.5)
4. Alavian SM, Moosavi SH, Mousavi SH, Azizi B, Akbari H, Study of Admission Rate of Hepatitis B Surface Antigen Positive Patients in 50 Dentistry Centers in Tehran (Spring 2003). *Hepatitis Monthly* 2007; 8(1), 67-69
5. Tavakkol Afshari J, Brook A, Mousavi SH\*. Study of cytotoxic and apoptogenic properties of saffron extract in human cancer cell lines. *Food Chem Toxicol*, 2008 Nov; 46, 3443-3447. (IF; 2.32)
6. Mousavi SH\*, Tayarani-Najaran Z, Hersey P. Apoptosis: from Signalling Pathways to Therapeutic Tools. *Iranian Journal of Basic Medical Sciences.* 2008; 11(3):121-142
7. Mousavi SH., Tavakkol Afshari J, Brook A, Jafari Anarkooli I. Direct toxicity of rose bengal in MCF-7 cell line: Role of apoptosis. *Food Chem Toxicol*, 2009. 47(4):855-859. (IF; 2.32)
8. Mousavi SH, Tavakkol Afshari J, Brook A, Jafari Anarkooli I. Role of caspases and Bax protein in saffron-induced apoptosis in MCF-7 cells. *Food Chem Toxicol*, 2009. 47(8):1909-1913. (IF; 2.32)
9. Mousavi SH, Tayarani-Najaran Z, Parsee H. Protective effect of saffron extract and crocin on reactive oxygen species-mediated high glucose-induced toxicity in PC12 cells. *Cell Mol Neurobiol* 2010; 30(2):185-191. (IF: 2.55)
10. Tayarani-Najaran Z, Mousavi SH, Asili J, Emami SA. Growth-inhibitory effect of *Scutellaria lindbergii* in human cancer cell lines. *Food Chem Toxicol.* 2010;48(2):599-604
11. Tayarani-Najaran Z, Asili J, Emami SA, Mousavi SH. Analyzing cytotoxic and apoptogenic properties of *Scutellaria litwinowii* root extract on cancer cell lines. *Evidence Based Complementary and Alternative Medicine (Ecam).* Dec 2009
12. Mousavi SH, Tayarani-Najaran Z, Sadeghnia HR. Protective effect of *Nigella sativa* extract and thymoquinone on serum/glucose deprivation-induced PC12 cells death. *Cell Mol Neurobiol.* 2010;30(4):591-598. (IF: 2.55)
13. Sharifi AM, Mousavi SH, Jorjani M. Effect of Chronic Lead Exposure on Pro-Apoptotic Bax and Anti-Apoptotic Bcl-2 Protein Expression in Rat Hippocampus In Vivo. *Cell Mol Neurobiol.* 2010 30(5):769-774. (IF: 2.55)
14. Bakavoli M, Rahimizadeh M, Shiri A, Akbarzadeh M, Mousavi SH, Tayarani-Najaran Z, Atapour-Mashhad H, Nikpour M. *J Heterocycl Chem.* Synthesis of New Derivatives of 3-Aryl-1,5-dimethyl-1H-[1,2,4]triazolo[4,3-b]pyrimido[4,5-e][1,3,4]oxadiazines as Potential Antiproliferative Agents . 2010 . (IF: 0.962)
15. M. Bakavoli, M. Rahimizadeh, A. Shiri, M. Akbarzadeh, Mousavi SH, H. Atapour-Mashhad, Tayarani-Najaran, Z, Synthesis and anticancer evaluation of new derivatives of 3-phenyl-1,5-dimethyl-1H-[1,2,4]triazolo[4',3':1,2]pyrimido[4,5-e][1,3,4]oxadiazine *J. Chem. Res.*, 2010; 403–406. (IF: 0.55)
16. Atapour-Mashhad H, Tayarani-Najaran Z, Davoodnia A, Moloudi R, Mousavi SH. Antitumor activity of novel pyrrolo[2,3-d]pyrimidin-4-ones. *Drug and Chemical Toxicology*, 2011; 34(3): 271–276. (IF: 1.4)
17. Mehri S, Abnous K, Mousavi SH, Shariaty VM, Hosseinzadeh H. Neuroprotective Effect of Crocin on Acrylamide-induced Cytotoxicity in PC12 cells. *Cell Mol Neurobiol.* 2011 Sep 7. (IF: 2.55).

18. Tayarani-Najaran Z, Mousavi SH, Vahdati-Mashhadian N, Emami SA, Parsaee H. Scutellaria litwinowii induces apoptosis through both extrinsic and intrinsic apoptotic pathways in human promyelocytic leukemia cells. *Nutr Cancer*. 2012;64(1):80-8. 2011 Nov 18.
19. Mousavi SH, Moallem SA, Mehri S, Shahsavand S, Nassirli H, Malaekheh-Nikouei B. Improvement of cytotoxic and apoptogenic properties of crocin in cancer cell lines by its nanoliposomal form. *Pharm Biol*. 2011 Oct;49(10):1039-45

(Index Medicus, Pubmed, Medline) :II: **انتشار مقاله در ژورنال های علمی پژوهشی سطح II**

Afsharzadeh M, Tayarani-Najaran Z, Zare A, **Mousavi SH\***. Protective Effect of Scutellaria litwinowii Extract on Serum/Glucose-Deprived Cultured PC12 Cells and Determining the Role of Reactive Oxygen Species. *Journal of Toxicology*. 2012

(Scopus, Chemical Abstract, Embase, Biological Abstract) :III: **انتشار مقاله در ژورنال های علمی پژوهشی سطح III**

1. Mousavi SH, Moosavi SH, Lysosome: as a proposed target for rose bengal in inducing cell death in melanoma cells. *Irn J Med Hypotheses Ideas*. 2008, 2:12
2. Mousavi SH, Zhang XD, Sharifi AM and Hersey P. Study of Rose Bengal-Induced Cell Death in Melanoma Cells in the Absence of Light. *Iranian Journal of Basic Medical Sciences*. 2006; 9 (3), 216-222
3. Mousavi SH, and Hersey P. Role of caspases and reactive oxygen species in rose bengal-induced toxicity in melanoma cells. *Iranian Journal of Basic Medical Sciences*. 2007; 10 (2), 210
4. Tayarani-Najaran, Z, Parsaee H, Hoseini A, Mousavi SH. Study of noscapine-induced cell death in hepatocellular carcinoma cell line. *Pharmacologyonline*. Volume 3, September 2009, Pages 522-530

(سایر سایت های تخصصی) :IV: **انتشار مقاله در ژورنال های علمی پژوهشی سطح IV**

- 1) Mousavi SH., Tavakkol Afshari J, Brook A. Study of cytotoxic effects of saffron in MCF-7 cells: role of apoptosis. *Iranian Journal of Pharmaceutical Sciences (IJPS)*. 2008; 4(4): 263-268
- 2) Mousavi SH, Zamani TR SH, Siadat Z, Mahmoudi M. Study the anti-inflammatory effect of Rose Bengal in LPS-activated macrophages in dark. *Journal of Birjand University of Medical Sciences*. 2009; 16 (2): 10-17. -215
- 3) Tayarani-Najaran Z, Sadeghnia HR, Asghari M, Mousavi SH. Neuroprotective effect of Nigella sativa hydro alcoholic extract on serum/glucose deprivation induced PC12 cells death. *Physiology and Pharmacology*, 2009, 13 (3), 263 – 270.
- 4) Study of cytotoxic properties of Rosa damascena extract in human cervix carcinoma cell line. Amir Zamiri-Akhlaghi<sup>1</sup>, Hasan Rakhshandeh<sup>1</sup>, Zahra Tayarani-Najaran<sup>1</sup>, **Mousavi SH\***. *Avicenna Journal of Phytomedicine*. Vol. 1, No. 2, Autumn 2011, 74-77
- 5)

(ه) **انتشار مقاله در ژورنال های علمی پژوهشی اندکس نشده:**

(و) **ارائه مقاله در کنفرانس ها یا سمینارهای خارجی:**

- 1- Mousavi SH., Sharifi A.M, Bakhshayesh M Investigation of lead-induced neurotoxicity in PC12 cell: Role of Nitric Oxide & Apoptosis. 6<sup>th</sup> annual congress of Asia Pacific Association of Medical Toxicity. Oral presentation, December 2007, Bangkok, Thailand.
- 2- Mousavi SH, Tavakol Afshari J , Brook A, Jafari I. Study of saffron-induced apoptosis in MCF-7 cells: role of caspase and Bax protein. Oral presentation. 4th Life Science postgraduate Conference, 18-20 June, 2008, USM, Malaysia.
- 3- Mousavi SH, Shahsavand SH, Mehri S, Moallem SA, Malaekheh B. Study of cytotoxic and apoptogenic properties of nano-liposomes forms of crocin compared to crocin in various human cancer cell lines. 11<sup>th</sup> International Conference on Advanced Materials (ICAM). Oral presentation. 1 September 2009, Rio de Janeiro, Brazil
- 4- Mousavi SH, Tavakol Afshari J , Brook A. Study of cytotoxic and apoptogenic properties of different saffron extracts in human cancer cells. 6<sup>th</sup> annual congress of Asia Pacific Association of Medical Toxicity, Poster Presentation, December 2007, Bangkok, Thailand.

**ز) ارائه مقاله در کنگره ها یا سمینارهای داخلی:**

- 1) Mousavi SH, Direct toxicity of rose bengal in MCF-7 cell line: Role of apoptosis and Bax protein. 11<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC2008). Oral presentation, 18-21 Aug, 2008, Kerman, Iran.
- 2) Mousavi SH, Tavakol Afshari J , Brook A. Saffron: as a promising medicinal plant in breast and cervix cancer treatment. The First International of Gynecology Oncology Congress under the auspices of IGCS. Oral presentation, 10 - 12 Oct 2008, Mashhad, Iran,
- 3) Mousavi SH, Tavakol Afshari J , Brook A. Study of cytotoxic and apoptogenic properties of saffron extract in human cancer cell lines. International symposium on saffron a herbal medicinal of 3th millennium. Oral presentation, May 2009, Mashhad, Iran.
- 4) Mousavi SH, Tayarani-Najaran Z, Atapour-Mashhad H, Davoodnia A, Moloudi R. Cytotoxic and apoptogenic properties of novel pyrrolo[2,3-d]pyrimidin-4-ones in human cancer cell lines. 12<sup>th</sup> Iranian Pharmaceutical Sciences Conference (IPSC2010). Oral presentation, Aug 2010, Zanjan, Iran.
- 5) Sharifi AM, Mousavi SH, Bakhshayesh M. Study of lead-induced-apoptosis in PC12 cell. The 9<sup>th</sup> Iranian Congress of Toxicology, Pooster presentation, May 2007, shiraz, Iran
- 6) Mousavi SH , Parsaee H, Tayrani Z. Study of correlation between glucose-induced cytotoxicity and reactive oxygen species production in pc12 cells. The 10th Iranian Congress of Toxicology, Poster presentation, May 2009, Tehran, Iran
- 7) Mousavi SH, Shahsavand SH, Mehri S, Moallem SA, Malaekheh B. Assessment of cytotoxic and apoptogenic properties of safranal and its nanoliposoms in various cancer cell lines. 11th International Conference on Advanced Materials (ICAM), Poster presentation, September 2009, , Rio de Janeiro, Brazil.
- 1) A. Davari, M. Iranshahia, Z. Tayarani-Najaran, S.H. Mousavi\*. Apoptosis induction by auraptene, umbelliprenin and herniarin in MCF-7 cells 12th Iranian *Congress of Biochemistry & 4th International Congress of Biochemistry & Molecular Biology*. Mashhad, Iran. 6-9 September 2011.

۴ کتب تألیف / ترجمه شده

الف) کتب تألیف شده:

ب) کتب ترجمه شده: