

Golnaz Vaseghi, PharmD, PhD

E-mail: golnazvaseghi@yahoo.com

Phone:

<https://scholar.google.com/citations?user=eZSkHgcAAAAJ&hl=en>

Address:

Assistant Professor

Applied Physiology Research Center and Isfahan Cardiovascular Research Institute,
WHO Collaborating Center,
Isfahan University of Medical Sciences,
Isfahan, Iran.

Education:

- PhD (Pharmacology), Isfahan University of Medical Sciences, Isfahan, Iran. 2013.
- Doctor of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran. 2004.

Skills

• Experienced Researcher with a demonstrated history of supervising and managing research projects, PhD and Postdoctoral students, Scientific writing, scientific presentation, study designs.

- *Cellular and Molecular, highly skilled in:*

Real-Time PCR,
Cell Culture,
Western Blotting,
PCR, ELISA,
Crisper/Cas9,
flow cytometry

- *Animal Skills:*

Broad range of experiment with animal handling especially in cancer and cardiovascular animal models

- *Clinical study skills:*

Managing and designing clinical trials including designing phase I, II and III of clinical trials.

Co-investigator of first Iranian lipid study,

Pharmacotherapy of patients with cardiovascular and cancer disease.

Formulating lipid guidelines in Iran

- *Computer skills and statistics, highly skilled in:*

Systematic Review and Meta-analysis (rev Man),

Primer designing software,

SPSS, Excel, Microsoft Office, Sigma plot and Sigma stat.

Employment:

- Assistant Professor of Pharmacology, Isfahan University of Medical Sciences (2016-Present)
- Co-Investigator of Familial Hyperlipidemia and Lipid Clinic Manager, Cardiovascular Research Center, Isfahan University of Medical Sciences (2017-Present).
- Research Director of Applied Physiology Research Center, Isfahan University of Medical Sciences (2014-Present)
- Research Fellow, Isfahan University of Medical Sciences (2013-2016)
- Research Assistant Isfahan University of Medical Sciences (2008-2012)
- Pharmacist, Saint Alzahra Hospital (2004-2013)

Awards and houners:

- 2013: Awards as a PhD students. Pharmacy School, Isfahan University of Medical Sciences.
- 2012: Awards as a PhD student. Pharmacy School, Isfahan University of Medical Sciences.
- 2012: Award as Youth Researcher at 13th Congress of Pharmaceutical Sciences, , Isfahan, Iran.
- 2011: Award as lecturer in International Congress of Iranian Medical Students, Isfahan, Iran.

Publications in Scientific, Peer-review journals:

1: Zarin B, Eshraghi A, Zarifi F, Javanmard SH, Laher I, Amin B, Vaseghi G. A review on the role of tau and stathmin in gastric cancer metastasis. *Eur J Pharmacol.* 2021 Oct 5;908:174312. doi: 10.1016/j.ejphar.2021.174312. Epub 2021 Jul 8. PMID: 34245746.

2: Amerizadeh A, Javanmard SH, Sarrafzadegan N, Vaseghi G. Familial hypercholesterolemia (FH) registry worldwide: A systematic review. *Curr Probl Cardiol.* 2021 Sep 24;100999. doi: 10.1016/j.cpcardiol.2021.100999. Epub ahead of print. PMID: 34571102.

3: Sedighi I, Taheri-Moghadam G, Emad-Momtaz H, Vaseghi G, Eshraghi A, Asnaashari F, Mehrpooya M. Protective effects of Omega-3 Fatty Acids supplementation against renal parenchymal scarring in children with acute pyelonephritis. *Curr Pediatr Rev.* 2021 Sep 9. doi: 10.2174/1573396317666210909153643. Epub ahead of print. PMID: 34503428.

4: Dana N, Karimi R, Mansourian M, Javanmard SH, Laher I, Vaseghi G. Magnesium intake and lung cancer risk: A systematic review and meta-analysis. *Int J Vitam Nutr Res.* 2021 Sep;91(5-6):539-546. doi: 10.1024/0300-9831/a000598. Epub 2019

Jul 15. PMID: 31303138.

5: Heshmat-Ghahdarjani K, Vaseghi G, Nasirian M, Javanmard SH. Co-infection between the severe acute respiratory syndrome coronavirus 2 and the influenza Type B in Isfahan, Iran. *J Res Med Sci.* 2021 Jul 31;26:51. doi: 10.4103/jrms.JRMS_820_20. PMID: 34484383; PMCID: PMC8384011.

6: Vaseghi G, Taheri M, Heshmat-Ghahdarjani K, Rayati M, Zarfeshani S, Pourmoghaddas A, Khosravi A, Zarepour E, Keshavarzrad P, Arabi S, Azizi M, Haghjooy Javanmard S, Najafian J, Sarrafzadegan N. Familial Hypercholesterolemia (FH) in Iran: Findings from the Four-Year FH Registry. *J Lipids.* 2021 Jun 11;2021:9913969. doi: 10.1155/2021/9913969. PMID: 34221513; PMCID: PMC8213494.

7: Amerizadeh A, Asgary S, Vaseghi G, Farajzadegan Z. Effect of Genistein Intake on Some Cardiovascular Risk Factors: An Updated Systematic Review and Meta-analysis. *Curr Probl Cardiol.* 2021 May 29:100902. doi: 10.1016/j.cpcardiol.2021.100902. Epub ahead of print. PMID: 34266697.

8: Ghasemi K, Vaseghi G, Mansourian M. Pharmacological interventions for preventing anthracycline-induced clinical and subclinical cardiotoxicity: A network meta-analysis of metastatic breast cancer. *J Oncol Pharm Pract.* 2021 Mar;27(2):414-427. doi: 10.1177/1078155220965674. Epub 2020 Oct 21. PMID: 33081570.

9: Abdollahpour I, Aguilar-Palacio I, Gonzalez-Garcia J, Vaseghi G, Otraj Z, Manteghinejad A, Mosayebi A, Salimi Y, Haghjooy Javanmard S. Model Prediction for In-Hospital Mortality in Patients with COVID-19: A Case-Control Study in Isfahan, Iran. *Am J Trop Med Hyg.* 2021 Feb 16;104(4):1476-83. doi: 10.4269/ajtmh.20-1039. Epub ahead of print. PMID: 33591938; PMCID: PMC8045635.

10: Ghasemi A, Vaseghi G, Hojjatallah A, Haghjooy Javanmard S. The effects of morphine on vascular cell adhesion molecule 1(VCAM-1) concentration in lung cancer cells. *Arch Physiol Biochem.* 2021 Jan 15:1-5. doi: 10.1080/13813455.2020.1838552. Epub ahead of print. PMID: 33449821.

11: Vaseghi G, Eshraghi A, Rahimzadeh N, Amiri H, Jahed M. Evaluation of Serum Level of Carnitine in Children with Acute Pyelonephritis (APN) Compared to Healthy Children. *Rev Recent Clin Trials.* 2021;16(2):212-215. doi: 10.2174/1574887115666201104154227. PMID: 33148156.

12: Javanmard SH, Heshmat-Ghahdarjani K, Vaseghi G. Angiotensin-converting-enzyme inhibitors (ACE inhibitors) and angiotensin II receptor blocker (ARB) use in COVID-19 prevention or treatment: A paradox. *Infect Control Hosp Epidemiol.* 2021 Jan;42(1):118-119. doi: 10.1017/ice.2020.195. Epub 2020 May 4. PMID: 32362297; PMCID: PMC7235302.

13: Yegdaneh A, Saeedi A, Shahmiveh T, Vaseghi G. The Effect of *Sargassum glaucescens* from the Persian Gulf on Neuropathy Pain Induced by Paclitaxel in Mice. *Adv Biomed Res.* 2020 Dec 23;9:79. doi: 10.4103/abr.abr_183_20. PMID: 33912495; PMCID: PMC8059454.

14: Aparecida Silveira E, Vaseghi G, de Carvalho Santos AS, Kliemann N, Masoudkabar F, Noll M, Mohammadifard N, Sarrafzadegan N, de Oliveira C. Visceral Obesity and Its Shared Role in Cancer and Cardiovascular Disease: A Scoping Review of the Pathophysiology and Pharmacological Treatments. *Int J Mol Sci.* 2020 Nov 27;21(23):9042. doi: 10.3390/ijms21239042. PMID: 33261185; PMCID: PMC7730690.

15: Hassanzadeh F, Jafari E, Zarabi M, Khodarahmi G, Vaseghi G. Synthesis, cytotoxic evaluation, and molecular docking studies of some new 1, 3, 4-oxadiazole-based compounds. *Res Pharm Sci.* 2020 Oct 19;15(5):454-462. doi: 10.4103/1735-5362.297848. PMID: 33628287; PMCID: PMC7879786.

16: Naderi J, Dana N, Javanmard SH, Amooheidari A, Yahay M, Vaseghi G. Effects of standardized *Cannabis sativa* extract and ionizing radiation in melanoma cells *in vitro*. *J Cancer Res Ther.* 2020 Oct-Dec;16(6):1495-1499. doi: 10.4103/jcrt.JCRT_1394_16. PMID: 33342819.

17: Haghjooy Javanmard S, Vaseghi G, Manteghinejad A, Nasirian M. Neutrophil-to-Lymphocyte ratio as a potential biomarker for disease severity in COVID-19 patients. *J Glob Antimicrob Resist.* 2020 Sep;22:862-863. doi: 10.1016/j.jgar.2020.07.029. Epub 2020 Aug 15. PMID: 32810639; PMCID: PMC7428697.

18: Shariati L, Amouheidari A, Naji Esfahani H, Abed A, Haghjooy Javanmard S, Laher I, Ghasemi A, Vaseghi G. Protective effects of doxepin cream on radiation dermatitis in breast cancer: A single arm double-blind randomized clinical trial. *Br J Clin Pharmacol.* 2020 Sep;86(9):1875-1881. doi: 10.1111/bcp.14238. Epub 2020 Feb 25. PMID: 32040868; PMCID: PMC7444764.

19: Mansourian M, Ghasemi Ms K, Khorsandi PhD D, Vaseghi G. Comparative Effectiveness of All Available Treatments for Metastatic Hormone-Sensitive Prostate Cancer: A Network Meta-analysis. *Am J Ther.* 2020 Sep/Oct;27(5):e541-e543. doi: 10.1097/MJT.0000000000001008. PMID: 31107252.

20: Safaeian L, Vaseghi G, Mirian M, Firoozabadi MD. The effect of pramlintide, an antidiabetic amylin analogue, on angiogenesis-related markers *in vitro*. *Res Pharm Sci.* 2020 Aug 28;15(4):323-330. doi: 10.4103/1735-5362.293510. PMID: 33312210; PMCID: PMC7714014.

21: Javanmard SH, Vaseghi G, Ghasemi A, Rafiee L, Ferns GA, Esfahani HN, Nedaeinia R. Therapeutic inhibition of microRNA-21 (miR-21) using locked-nucleic acid (LNA)-anti-miR and its effects on the biological behaviors of melanoma

cancer cells in preclinical studies. *Cancer Cell Int.* 2020 Aug 10;20:384. doi: 10.1186/s12935-020-01394-6. PMID: 32788885; PMCID: PMC7418194.

22: Gharipour M, Behmanesh M, Salehi M, Vaseghi G, Nezafati P, Dianatkah M, Khosravi E, Hosseini M, Sadeghi M. Association of Selenoprotein S Expression and its Variants with Metabolic Syndrome in Subjects with Cardiovascular Disease. *Arch Med Res.* 2020 Aug;51(6):535-541. doi: 10.1016/j.arcmed.2020.05.005. Epub 2020 May 27. PMID: 32473750.

23: Dana N, Vaseghi G, Haghjooy Javanmard S. Activation of PPAR γ Inhibits TLR4 Signal Transduction Pathway in Melanoma Cancer *In Vitro*. *Adv Pharm Bull.* 2020 Jul;10(3):458-463. doi: 10.34172/apb.2020.056. Epub 2020 May 11. PMID: 32665906; PMCID: PMC7335991.

24: Gheissari A, Aslani N, Eshraghi A, Moslehi M, Merikhi A, Keikhah M, Haghjoo Javanmard S, Vaseghi G. Preventive Effect of L-Carnitine on Scar Formation During Acute Pyelonephritis: A Randomized Placebo-Controlled Trial. *Am J Ther.* 2020 May/Jun;27(3):e229-e234. doi: 10.1097/MJT.0000000000000875. PMID: 30418227.

25: Dana N, Haghjooy Javanmard S, Vaseghi G. The effect of fenofibrate, a PPAR α activator on toll-like receptor-4 signal transduction in melanoma both in vitro and in vivo. *Clin Transl Oncol.* 2020 Apr;22(4):486-494. doi: 10.1007/s12094-019-02150-7. Epub 2019 Jun 7. PMID: 31175545.

26: Javanmard SH, Nasirian M, Ataei B, Vaseghi G, Vaezi A, Changiz T. Isfahan COvid-19 REgistry (I-CORE): Design and methodology. *J Res Med Sci.* 2020 Mar 30;25:32. doi: 10.4103/jrms.JRMS_271_20. PMID: 32582338; PMCID: PMC7306237.

27: Vaseghi G, Jamalini M, Arabi S, Kheiri S, Hajian S, Sarrafzadegan N. Factors Associated With Low-Density Lipoprotein Cholesterol Reduction in Patients With Familial Hypercholesterolemia: Results From Isfahan Familial Hypercholesterolemia Registry. *Am J Ther.* 2020 Mar/Apr;27(2):e227-e228. doi: 10.1097/MJT.0000000000001087. PMID: 31815752.

28: Baniahmad B, Safaeian L, Vaseghi G, Rabbani M, Mohammadi B. Cardioprotective effect of vanillic acid against doxorubicin-induced cardiotoxicity in rat. *Res Pharm Sci.* 2020 Feb 20;15(1):87-96. doi: 10.4103/1735-5362.278718. PMID: 32180820; PMCID: PMC7053285.

29: Safaeian L, Vaseghi G, Jabari H, Dana N. Evolocumab, a proprotein convertase subtilisin/kexin type 9 inhibitor, promotes angiogenesis in vitro. *Can J Physiol Pharmacol.* 2019 May;97(5):352-358. doi: 10.1139/cjpp-2018-0542. Epub 2019 Mar 15. PMID: 30875237.

30: Hassanzadeh F, Sadeghi-Aliabadi H, Nikooei S, Jafari E, Vaseghi G. Synthesis and cytotoxic evaluation of some derivatives of triazole-quinazolinone hybrids.

Res Pharm Sci. 2019 Mar 8;14(2):130-137. doi: 10.4103/1735-5362.253360. PMID: 31620189; PMCID: PMC6791177.

31: Vaseghi G, Arabi S, Haghjooy-Javanmard S, Sabri M, Sadeghi M, Khosravi A, Zarfeshani S, Sarrafzadegan N. CASCADE screening and registry of familial hypercholesterolemia in Iran: Rationale and design. ARYA Atheroscler. 2019 Mar;15(2):53-58. doi: 10.22122/arya.v15i2.1899. PMID: 31440286; PMCID: PMC6679656.

32: Naderi J, Samani F, Amooheidari A, Javanmard SH, Vahabzadeh G, Vaseghi G. Evaluation of effects of morphine and ionizing radiation in cancer cell lines. J Cancer Res Ther. 2019 Mar;15(Supplement):S144-S152. doi: 10.4103/jcrt.JCRT_48_17. PMID: 30900637.

33: Aghaabdollahian S, Ahangari Cohan R, Norouzian D, Davami F, Asadi Karam MR, Torkashvand F, Vaseghi G, Moazzami R, Latif Dizaji S. Enhancing bioactivity, physicochemical, and pharmacokinetic properties of a nano-sized, anti-VEGFR2 Adnectin, through PASylation technology. Sci Rep. 2019 Feb 27;9(1):2978. doi: 10.1038/s41598-019-39776-0. PMID: 30814652; PMCID: PMC6393559.

34: Dana N, Vaseghi G, Haghjooy Javanmard S. Crosstalk between Peroxisome Proliferator-Activated Receptors and Toll-Like Receptors: A Systematic Review. Adv Pharm Bull. 2019 Feb;9(1):12-21. doi: 10.15171/apb.2019.003. Epub 2019 Feb 21. PMID: 31011554; PMCID: PMC6468223.

35: Ghasemi M, Malek M, Javanmard SH, Ghasemi A, Esfahani HN, Vaseghi G. Atorvastatin enhances apoptotic effects of tamoxifen on melanoma cancer cells. Bratisl Lek Listy. 2019;120(10):752-756. doi: 10.4149/BLL_2019_125. PMID: 31663350.

36: Dana N, Vaseghi G, Haghjooy Javanmard S. PPAR γ agonist, pioglitazone, suppresses melanoma cancer in mice by inhibiting TLR4 signaling. J Pharm Pharm Sci. 2019;22(1):418-423. doi: 10.18433/jpps30626. PMID: 31509504.

37: Seifabadi S, Vaseghi G, Ghannadian M, Haghjooy Javanmard S. Standardized *Punica Granatum* Pericarp Extract, Suppresses Tumor Proliferation and Angiogenesis in a Mouse Model of Melanoma: Possible Involvement of PPAR α and PPAR γ Pathways. Iran J Pharm Res. 2019 Winter;18(1):348-357. PMID: 31089369; PMCID: PMC6487440.

38: Vaseghi G, Hajakbari F, Sajjadi S, Dana N, Ghasemi A, Yegdaneh A. Cytotoxic Screening of Marine Organisms from Persian Gulf. Adv Biomed Res. 2018 Jul 2;7:108. doi: 10.4103/abr.abr_9_18. PMID: 30069439; PMCID: PMC6050974.

39: Vaseghi G, Sharifi M, Dana N, Ghasemi A, Yegdaneh A. Cytotoxicity of *Sargassum angustifolium* Partitions against Breast and Cervical Cancer

Cell Lines. Adv Biomed Res. 2018 Mar 27;7:43. doi: 10.4103/abr.abr_259_16. PMID: 29657928; PMCID: PMC5887695.

40: Vaseghi G, Haghjoo-Javanmard S, Naderi J, Eshraghi A, Mahdavi M, Mansourian M. Coffee consumption and risk of nonmelanoma skin cancer: a dose-response meta-analysis. Eur J Cancer Prev. 2018 Mar;27(2):164-170. doi: 10.1097/CEJ.0000000000000322. PMID: 27902644.

41: Mansourian M, Karimi R, Vaseghi G. Different effects of metformin and insulin on primary and secondary chemoprevention of colorectal adenoma in diabetes type 2: Traditional and Bayesian meta-analysis. EXCLI J. 2018 Jan 8;17:45-56. doi: 10.17179/excli2017-993. PMID: 29383018; PMCID: PMC5780622.

42: Haghjooy-Javanmard S, Ghasemi A, Laher I, Zarrin B, Dana N, Vaseghi G. Influence of morphine on TLR4/ NF-kB signaling pathway of MCF-7 cells. Bratisl Lek Listy. 2018;119(4):229-233. doi: 10.4149/BLL_2018_043. PMID: 30113863.

43: Zarrin B, Zarifi F, Vaseghi G, Javanmard SH. Acquired tumor resistance to antiangiogenic therapy: Mechanisms at a glance. J Res Med Sci. 2017 Oct 31;22:117. doi: 10.4103/jrms.JRMS_182_17. PMID: 29184575; PMCID: PMC5680657.

44: Vaseghi G, Taki MJ, Javanmard SH. Standardized *Cannabis sativa* extract attenuates tau and stathmin gene expression in the melanoma cell line. Iran J Basic Med Sci. 2017 Oct;20(10):1178-1181. doi: 10.22038/IJBMS.2017.9398. PMID: 29147495; PMCID: PMC5673704.

45: Pajohanfar NS, Mohebbi E, Hosseini-Bandegharai A, Amin M, Vaseghi G, Amin B. Simvastatin prevents morphine-induced tolerance and dependence in mice. Biomed Pharmacother. 2017 Sep;93:406-411. doi: 10.1016/j.biopha.2017.06.054. Epub 2017 Jun 24. PMID: 28654797.

46: Vaseghi G, Jafari E, Hassanzadeh F, Haghjooy-Javanmard S, Dana N, Rafieian-Kopaei M. Cytotoxic Evaluation of Some Fused Pyridazino- and Pyrrolo-quinazolinones Derivatives on Melanoma and Prostate Cell Lines. Adv Biomed Res. 2017 Jun 27;6:76. doi: 10.4103/2277-9175.209049. PMID: 28706884; PMCID: PMC5501066.

47: Dana N, Javanmard SH, Vaseghi G. Effect of lipopolysaccharide on toll-like receptor-4 signals in mouse cancer cells. Bratisl Lek Listy. 2017;118(10):598-601. doi: 10.4149/BLL_2017_115. PMID: 29198126.

48: Nikbakht M, Ahmadi F, Vaseghi G, Talasaz AH, Eshraghi A, Naderi J, Daneshmehr MA. The Role of N-Acetylcysteine in Platelet Aggregation and Reperfusion Injury in Recent Years. Curr Clin Pharmacol. 2017;12(2):83-91. doi: 10.2174/1574884712666170704145842. PMID: 28676007.

- 49: Vaseghi G, Rafiee L, Javanmard SH. Non-viral Delivery Systems for Breast Cancer Gene Therapy. *Curr Gene Ther.* 2017;17(2):147-153. doi: 10.2174/1566523217666170606124131. PMID: 28595562.
- 50: Kelishadi R, Hashemipour M, Esteki B, Tajadini MH, Rafiei L, Motlagh ME, Vaseghi G, Ardalan G, Javanmard SH. Relationship of lipoprotein lipase gene variants and fasting triglyceride levels in a pediatric population: The CASPIAN-III study. *Adv Clin Exp Med.* 2017 Jan-Feb;26(1):77-82. doi: 10.17219/acem/61003. PMID: 28397436.
- 51: Seifabadi S, Vaseghi G, Javanmard SH, Omidi E, Tajadini M, Zarrin B. The cytotoxic effect of memantine and its effect on cytoskeletal proteins expression in metastatic breast cancer cell line. *Iran J Basic Med Sci.* 2017 Jan;20(1):41-45. doi: 10.22038/ijbms.2017.8091. PMID: 28133523; PMCID: PMC5243973.
- 52: Aslanabadi N, Moghadam SV, Kazemi B, Fouladi DF, Vaseghi G, Eshraghi A, Mahmoodian M, Tutunchi S. QT Dispersion and Age; Independent Predictors of Restenosis after Percutaneous Coronary Intervention. *Rev Recent Clin Trials.* 2017;12(1):38-43. doi: 10.2174/1574887111666160916124004. PMID: 27633966.
- 53: Mansourian M, Marateb HR, Vaseghi G. The effect of extremely low-frequency magnetic field (50-60 Hz) exposure on spontaneous apoptosis: The results of a meta-analysis. *Adv Biomed Res.* 2016 Aug 30;5:141. doi: 10.4103/2277-9175.187375. PMID: 27656610; PMCID: PMC5025908.
- 54: Amin B, Andalib S, Vaseghi G, Mesripour A. Learning and Memory Performance After Withdrawal of Agent Abuse: A Review. *Iran J Psychiatry Behav Sci.* 2016 May 21;10(2):e1822. doi: 10.17795/ijpbs-1822. PMID: 27803716; PMCID: PMC5087336.
- 55: Naji-Esfahani H, Vaseghi G, Safaeian L, Pilehvarian AA, Abed A, Rafieian-Kopaei M. Gender differences in a mouse model of chemotherapy-induced neuropathic pain. *Lab Anim.* 2016 Feb;50(1):15-20. doi: 10.1177/0023677215575863. Epub 2015 Mar 2. PMID: 25732574.
- 56: Eslami N, Eshraghi A, Vaseghi G, Mehdizadeh M, Masjedi M, Mehrpooya M. Pharmacists' Knowledge and Attitudes Towards Upper Respiratory Infections (URI) in Iran: A Cross Sectional Study. *Rev Recent Clin Trials.* 2016;11(4):342-345. doi: 10.2174/1574887111666160908170618. PMID: 28042782.
- 57: Mansourian M, Haghjooy-Javanmard S, Eshraghi A, Vaseghi G, Hayatshahi A, Thomas J. Statins Use and Risk of Breast Cancer Recurrence and Death: A Systematic Review and Meta-Analysis of Observational Studies. *J Pharm Pharm Sci.* 2016;19(1):72-81. doi: 10.18433/J3202B. PMID: 27096694.
- 58: Vaseghi G, Abed A, Jafari E, Eslami N, Eshraghi A. Assessment of Adverse

Drug Reaction Due to Cancer Chemotherapy in a Teaching Oncology Hospital in Isfahan, Central of Iran. *Rev Recent Clin Trials*. 2016;11(3):266-72. doi: 10.2174/1574887110666150818112648. PMID: 26282897.

59: Mehrpooya M, Vaseghi G, Eshraghi A, Eslami N. Delayed Myocardial Infarction Associated With Rituximab Infusion: A Case Report and Literature Review. *Am J Ther*. 2016 Jan-Feb;23(1):e283-7. doi: 10.1097/MJT.0000000000000214. PMID: 26196524.

60: Vaseghi G, Eshraghi A, Eslami N, Masjedi M, Mehrpooya M, Eshraghi N. Management of Acute Diarrhea: A Study on Community Pharmacists' Attitudes in Iran. *Rev Recent Clin Trials*. 2015;10(2):155-60. doi: 10.2174/1574887110666150416104745. PMID: 25880126.

61: Jafari E, Andalib S, Abed A, Rafieian-Kopaei M, Vaseghi G. Neuroprotective, antimicrobial, antioxidant, chemotherapeutic, and antidiabetic properties of *Salvia Reuterana*: A mini review. *Avicenna J Phytomed*. 2015 Jan-Feb;5(1):10-6. PMID: 25767752; PMCID: PMC4352528.

62: Vaseghi G, Hajhashemi V, Rabbani M. The effect of nimodipine on memory loss following naloxone-induced morphine withdrawal in object recognition. *Res Pharm Sci*. 2014 Nov-Dec;9(6):445-51. PMID: 26339259; PMCID: PMC4326982.

63: Safaeian L, Abed A, Vaseghi G. The role of Bcl-2 family proteins in pulmonary fibrosis. *Eur J Pharmacol*. 2014 Oct 15;741:281-9. doi: 10.1016/j.ejphar.2014.07.029. Epub 2014 Jul 21. PMID: 25058906.

64: Eshraghi A, Talasaz AH, Salamzadeh J, Bahremand M, Salarifar M, Nozari Y, Jenab Y, Boroumand MA, Vaseghi G, Eshraghi N. Study of the possible medical and medication explanatory factors of angiographic outcomes in patients with acute ST elevation myocardial infarction undergoing primary percutaneous intervention. *Adv Biomed Res*. 2014 Sep 4;3:186. doi: 10.4103/2277-9175.140096. PMID: 25250300; PMCID: PMC4166209.

65: Esmailian M, Khajouei AS, Eghtedari N, Azarian M, Vaseghi G. Utilization of coronary computed tomography angiography for rapid risk stratification in emergency chest pain units. *J Res Med Sci*. 2014 Feb;19(2):134-8. PMID: 24778667; PMCID: PMC3999599.

66: Andalib S, Vaseghi G, Motavallian A, Sadeghi HM, Eshraghi A, Amini M, Majlesi AR. Association of polymorphism of ser311cys paraoxonase-2 gene with type 2 diabetes mellitus in iran. *Int J Prev Med*. 2013 May;4(5):517-22. PMID: 23930161; PMCID: PMC3733181.

67: Motavallian A, Andalib S, Vaseghi G, Mirmohammad-Sadeghi H, Amini M. Association between PRO12ALA polymorphism of the PPAR- γ 2 gene and type 2

diabetes mellitus in Iranian patients. *Indian J Hum Genet.* 2013 Apr;19(2):239-44. doi: 10.4103/0971-6866.116126. PMID: 24019628; PMCID: PMC3758733.

68: Vaseghi G, Rabbani M, Hajhashemi V. The effect of AM281, a cannabinoid antagonist, on memory performance during spontaneous morphine withdrawal in mice. *Res Pharm Sci.* 2013 Jan;8(1):59-64. PMID: 24459477; PMCID: PMC3895301.

69: Vaseghi G, Rabbani M, Hajhashemi V. The effect of nimodipine on memory impairment during spontaneous morphine withdrawal in mice: Corticosterone interaction. *Eur J Pharmacol.* 2012 Nov 15;695(1-3):83-7. doi: 10.1016/j.ejphar.2012.08.022. Epub 2012 Sep 7. PMID: 22981664.

70: Rabbani M, Vaseghi G, Hajhashemi V. AM281, Cannabinoid Antagonist/Inverse agonist, Ameliorates Scopolamine-Induced Cognitive Deficit. *Iran J Basic Med Sci.* 2012 Sep;15(5):1106-10. PMID: 23493185; PMCID: PMC3586915.

71: Vaseghi G, Rabbani M, Hajhashemi V. The CB(1) receptor antagonist, AM281, improves recognition loss induced by naloxone in morphine withdrawal mice. *Basic Clin Pharmacol Toxicol.* 2012 Sep;111(3):161-5. doi: 10.1111/j.1742-7843.2012.00881.x. Epub 2012 Apr 11. PMID: 22429707.

72: Andalib S, Vaseghi A, Vaseghi G, Naeini AM. Sedative and hypnotic effects of Iranian traditional medicinal herbs used for treatment of insomnia. *EXCLI J.* 2011 Oct 10;10:192-197. PMID: 29033704; PMCID: PMC5611612.

73: Hajhashemi V, Vaseghi G, Pourfarzam M, Abdollahi A. Are antioxidants helpful for disease prevention? *Res Pharm Sci.* 2010 Jan;5(1):1-8. PMID: 21589762; PMCID: PMC3093095.

74: Rabbani M, Sajjadi SE, Jafarian A, Vaseghi G. Anxiolytic effects of *Salvia reuterana* Boiss. on the elevated plus-maze model of anxiety in mice. *J Ethnopharmacol.* 2005 Oct 3;101(1-3):100-3. doi: 10.1016/j.jep.2005.03.034. PMID: 15994042.

75: Rabbani M, Sajjadi SE, Vaseghi G, Jafarian A. Anxiolytic effects of *Echium amoenum* on the elevated plus-maze model of anxiety in mice. *Fitoterapia.* 2004 Jul;75(5):457-64. doi: 10.1016/j.fitote.2004.04.004. PMID: 15261383.

Teaching for students in Medicine and Pharmaceutical Sciences:

Pharmacology

Research methodology

Pharmacotherapy

Oral presentations

- Clinical data from Isfahan FH registry. September .2019, Isfahan, Iran

- AM281, a cannabinoid antagonist, reverses recognition memory loss induced by morphine withdrawal, 13th Congress of pharmaceutical sciences, September, 2012, Isfahan, Iran.
- The CB1 Receptor Antagonist, AM281, Improves Recognition Loss Induced by Naloxone in Morphine Withdrawal Mice 13th Iranian Pharmaceutical sciences congress. (IPSC). 3-September 2012.

Journal editorial board and section editor:

- Advances in biomedical research (Editorial board and reviewer)
<https://www.journalonweb.com/abr/>
- ARYA atherosclerosis journal (Section editor and reviewer)
<http://arya.mui.ac.ir/index.php/arya>
- Research in Pharmaceutical sciences (Reviewer)

Inventions:

- Smart diaper for detection of UTI (Iran patent)
- Socks aid (produced in Iran).

Sport:

Swimming for Isfahan University of Medical Sciences Team and award team in national competition, 2002.

References:

Professor Nizal Sarrafzadegan

Isfahan Cardiovascular Research Center, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.

nsarrafzadegan@gmail.com

Professor Shaghayegh Haghjoo

Applied Physiology Research Center and Department of Physiology, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.

shaghayegh.haghjoo@gmail.com

Professor Ismail Laher

Department of Pharmacology and Therapeutics, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.

ismail.laher@ubc.ca