

Curriculum Vitae



Mahsa Hassanipour

Contact Information:

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Identification:

First Name: Mahsa	Last Name: Hassanipour
Nationality: Iranian	Marital status: Married

Education:

- Doctor of Pharmacy, Islamic Azad University of Pharmaceutical Sciences, Tehran, Iran, 2007-2012
- PhD of Pharmacology, Tehran University of Medical sciences, Tehran, Iran, 2013-2016.

Academic Rank:

- Assistant Professor of Pharmacology. ORCID ID: 0000-0003-2350-0326. Researcher ID: H-1732-2017

Honors:

- ✓ Holding rank 3, in 16th Iranian Pharmacy Student Seminar, Tehran, Iran. 15-17 October 2011 in pharmacology poster presentations.
- ✓ The premier member of Young Researchers Club (YRC) in Islamic Azad University of Pharmaceutical Science (IAUPS), 2012.
- ✓ Achieving the premier writer position in the medical thesis by FARHIKHTEGAN ceremony in 2014.
- ✓ The session winner in the ISCOMS congress, Netherland, 2017.
- ✓ Winner of effective researches, Rafsanjan University of Medical Sciences, 2025.

Publications:

1. Shafaroodi H, Moezi L, Fakhrzad A, **Hassanipour M**, Rezayat M, Dehpour AR. The involvement of nitric oxide in the anti-seizure effect of acute atorvastatin treatment in mice. *Neurol Res*. 2012 Nov;34(9):847-53.
2. Moezi L, Shafaroodi H, **Hassanipour M**, Fakhrzad A, Hassanpour S, Dehpour AR. Chronic administration of atorvastatin induced anti-convulsant effects in mice: the role of nitric oxide. *Epilepsy Behav*. 2012 Apr;23(4):399-404.
3. **Hassanipour M**, Raoufi-nejad K, Arbabi bidgoli S. Insights into the autistic disorder and potential therapeutic approaches. *Journal of Pharmaceutical and Health Sciences*. 2012 ;1(3), 71-77.
4. Shafaroodi H, Moezi L, Ghorbani H, Zaeri M, Hassanpour S, **Hassanipour M**, Dehpour AR. Sub-chronic treatment with pioglitazone exerts anti-convulsant effects in pentylenetetrazole-induced seizures of mice: The role of nitric oxide. *Brain Res Bull*. 2012 Apr 10;87(6):544-50.
5. **Hassanipour M**, Shafaroodi H. Apelin: A promising therapeutic target? *Journal of Pharmaceutical and Health Sciences*. 2014; 2(2), 133-138.
6. Moezi L, **Hassanipour M**, Zaeri M, Ghorbani H, Shafaroodi H. The influence of ovariectomy on anti-convulsant effect of pioglitazone in mice. *Pathophysiology*. 2015 Sep;22(3):159-63.
7. **Hassanipour M**, Shirzadian A, Boojar MM, Abkhoo A, Abkhoo A, Delazar S, Amiri S, Rahimi N, Ostadhadi S, Dehpour AR. Possible involvement of nitrenergic and opioidergic systems in the modulatory effect of acute chloroquine treatment on pentylenetetrazol induced convulsions in mice. *Brain Res Bull*. 2016 Mar;121:124-30.

8. Amini-Khoei H, Amiri S, Shirzadian A, Haj-Mirzaian A, Alijanpour S, Rahimi-Balaei M, Mohammadi-Asl A, **Hassanipour M**, Mehr SE, Dehpour AR. Experiencing neonatal maternal separation increased the seizure threshold in adult male mice: Involvement of the opioid system. *Epilepsy Behav.* 2015 Nov;52(Pt A):37-41.
9. Amini-Khoei H, Rahimi-Balaei M, Amiri S, Haj-Mirzaian A, **Hassanipour M**, Shirzadian A, Gooshe M, Alijanpour S, Mehr SE, Dehpour AR. Morphine modulates the effects of histamine H1 and H3 receptors on seizure susceptibility in pentylenetetrazole-induced seizure model of mice. *Eur J Pharmacol.* 2015 Dec 15;769:43-7.
10. Shafaroodi H, **Hassanipour M**, Mousavi Z, Rahimi N, Dehpour AR. The Effects of Sub-Chronic Treatment with Pioglitazone on the Septic Mice Mortality in the Model of Cecal Ligation and Puncture: Involvement of Nitric Oxide Pathway. *Acta Med Iran.* 2015 Oct;53(10):608-16.
11. **Mahsa Hassanipour**, Hossein Amini-Khoei, Hamed Shafaroodi, Armin Shirzadian, Nastaran Rahimi, Muhammad Imran-Khan, Seyed-Mahdi Rezayat, Ahmadreza Dehpour. Atorvastatin attenuates the antinociceptive tolerance of morphine via nitric oxide dependent pathway in male mice. *Brain Res Bull* 125, 173-180. 2016
12. Boojar MM, **Hassanipour M**, Mehr SE, Boojar MM, Dehpour AR. New aspects of silibinin stereoisomers and their 3-O-galloyl derivatives on cytotoxicity and ceramide metabolism in Hep G2 hepatocarcinoma cell line. *Iranian journal of pharmaceutical research: IJPR.* 2016;15(3):421.
13. Zarisfi M, Allahtavakoli F, **Hassanipour M**, Khaksari M, Rezazadeh H, Allahtavakoli M, Taghavi MM. Transient brain hypothermia reduces the reperfusion injury of delayed tissue plasminogen activator and extends its therapeutic time window in a focal embolic stroke model. *Brain Research Bulletin.* 2017 Jul 11.
14. Khan MI, Ostadhadi S, Mumtaz F, Momeny M, Moghaddaskho F, **Hassanipour M**, Ejtemaei-Mehr S, Dehpour AR. Thalidomide attenuates the development and expression of antinociceptive tolerance to μ -opioid agonist morphine through l-arginine-iNOS and nitric oxide pathway. *Biomedicine & Pharmacotherapy.* 2017 Jan 31;85:493-502.
15. Amini-Khoei H, Mohammadi-Asl A, Amiri S, Hosseini MJ, Momeny M, **Hassanipour M**, Rastegar M, Haj-Mirzaian A, Haj-Mirzaian A, Sanjarimoghaddam H, Mehr SE. Oxytocin mitigated the depressive-like behaviors of maternal separation stress through modulating mitochondrial function and neuroinflammation. *Progress in Neuro-Psychopharmacology and Biological Psychiatry.* 2017 Jun 2;76:169-78.

16. Ghavamabadi RT, Taghipour Z, **Hassanipour M**, Khademi M, Shariati M. Effect of maternal fluoxetine exposure on lung, heart, and kidney development in rat neonates. *Iran J Basic Med Sci.* 2018, 21(4):417-421.
17. Rahimi N, **Hassanipour M**, Allahabadi NS, Sabbaghziarani F, Yazdanparast M, Dehpour A. Cirrhosis induced by bile duct ligation alleviates acetic acid intestinal damages in rats: Involvements of nitrenergic and opioidergic systems. *Pharmacological Reports.* 2018 Jun 1;70(3):426-33.
18. Amini-Khoei H, Kordjazy N, Haj-Mirzaian A, Amiri S, Haj-Mirzaian A, Shirzadian A, Hasanvand A, Balali-Dehkordi S, **Hassanipour M**, Dehpour AR. Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: involvement of nitric oxide and N-methyl-D-aspartate receptor. *Canadian journal of physiology and pharmacology.* 2018 Mar 20(999):1-9.
19. Naderi R, **Hassanipour M**, Aminzadeh F, Manshoori A, Shamsizadeh A, Khodadadizadeh A. Maternal Administration of Cichorium intybus L. Extract Decreases the Plasma Total and Conjugated Bilirubin Level in Rat Neonates. *Jundishapur Journal of Natural Pharmaceutical Products.* 2018(In Press).
20. Khademi M, Taghizadeh Ghavamabadi R, Taghavi MM, Shabanizadeh A, Shariati-kohbanani M, **Hassanipour M**, Taghipour Z. The effects of fluoxetine on the human adipose-derived stem cell proliferation and differentiation. *Fundamental & Clinical Pharmacology.* 2018 Oct 25.
21. Pak-Hashemi M, **Hassanipour M**, Mohammadinasab M, Kaeidi A, Shamsizadeh A, Hakimizadeh E, Allahtavakoli M, Fatemi I. Study the effects of Pistacia vera seed (pistachio) oil on working memory and spatial learning and memory. *Pistachio and Health Journal.* 2018 Sep 11.
22. Vakilian A, Ranjbar EZ, **Hassanipour M**, Ahmadinia H, Hasani H. The effectiveness of virtual interactive video in comparison with online classroom in the stroke topic of theoretical neurology in COVID-19 pandemic. *Journal of Education and Health Promotion.* 2022 Jan 1;11(1):219.
23. Pak HM, **Hassanipour M**, Kaeedi A, Saeed AP, Fatemi I, Taghipour Z, Mohammadi M, Allahtavakoli M. Fighting Against Aging-Related Dysfunction Under Variable Stress: Possible Antioxidant and Neuroprotective Roles of Metformin via Increased Superoxide Dismutase and Brain-Derived Neurotrophic Factor.
24. Hakimizadeh E, Tadayon S, Zamanian MY, Soltani A, Giménez-Llort L, **Hassanipour M**, Fatemi I. Gemfibrozil, a lipid-lowering drug, improves hepatorenal damages in a mouse model of aging. *Fundamental & clinical pharmacology.* 2023 Jun;37(3):599-605.

25. Abbasifard M, Mousavi FM, **Hassanipour M**, Bagheri F, Falahati-pour SK. Topical formulation of Pistacia vera L. pericarp on knee osteoarthritis: A randomized placebo controlled clinical trial. European Journal of Integrative Medicine. 2023 Apr 1;59:102238.
26. Abbasifard M, Ahmadinia H, Moezi A, Iranmanesh F, Shahabinejad M, Ostadebrahimi H, Heidari F, Bagheri-Hosseiniabadi Z, **Hassanipour M**. Assessment the satisfaction level of faculty members from virtual teaching during corona crisis in Rafsanjan School of Medicine. Journal of education and health promotion. 2024 Feb 1;13(1):46.
27. Tavakoli T, Taghizadeh kashani LM, Shirzad M, Memarzadeh MR, Shamsizadeh A, Kaeidi A, Hassanshahi J, **Hassanipour M**. Effect of a traditional herbal formulation (Azaraghi Majoon) on opium use disorder in male rats. Advances in Traditional Medicine. 2024 Dec;24(4):1215-27.
28. Hassanshahi A, Hadavinejad M, Ryahi T, Solati S, **Hassanipour M**, Azin M. Demographic, clinical, and paraclinical findings of patients with vertigo in Rafsanjan city. Journal of Research in Clinical Medicine. 2025 Nov 25;13(1):34564-.

➤ **Seminars:**

- **Mahsa Hassanipour**, Sara Hassanpour, Hamed Shafaroodi, Leila Moezi and Ahmad Reza Dehpour. Role of nitrenergic system in the anticonvulsant effects of atorvastatin in the pentylenetetrazole-induced clonic seizures in mice. The 16th Iranian Pharmacy Student Seminar, Tehran, Iran, 15-17 October 2011 (poster presentation).
- Mehdi Ghasemi, Hamed Shafaroodi, Sara Hassanpour, **Mahsa Hassanipour**, Ahmad Reza Dehpour. Role of NO pathway in the anticonvulsant effects of chronic atorvastatin in the pentylenetetrazole-induced clonic seizures in mice. Neuroscience 2011, USA (poster presentation).
- **M. Hassanipour**, K. Raoufi-nejad, S. Hassanpour, Z. Mousavi, L. Moezi, H. Shafaroodi, AR. Dehpour. New insights into the role of PPAR γ agonist, Pioglitazone, in murine sepsis model by cecal ligation and puncture: Involvement of nitrenergic system and TNF α . 13th Iranian Pharmaceutical Science Congress 3-6 September 2012/Esfahan (oral English presentation).
- **M. Hassanipour**, A. Farkhrzad, H. Shafaroodi, L. Moezi, M. Rezayat, AR. Dehpour. Role of nitric oxide in anticonvulsant effects of acute atorvastatin treatment in mice. 13th Iranian Pharmaceutical Science Congress 3-6 September 2012/Esfahan (poster presentation).

- K. Sheikhnouri, **M. Hassanipour**, H. Shafaroodi, Z. Mousavi. Involvement of nitrenergic system in the anticonvulsant effect of CoQ10 in the pentylenetetrazole-induced clonic seizure in male mice. 13th Iranian Pharmaceutical Science Congress 3-6 September 2012/Esfahan (poster presentation).
- S. Hassanpour, **M. Hassanipour**, H. Shafaroodi, L. Moezi, AR. Dehpour. The anti-convulsant effect of pioglitazone in the intra-venous (i.v.) pentylenetetrazole-induced clonic seizures in male mice through nitric oxide system. 13th Iranian Pharmaceutical Science Congress 3-6 September 2012/Esfahan (poster presentation).
- **Mahsa Hassanipour**, Ali Fakhrzad , Hamed Shafaroodi, Mehdi Rezayat, Leila Moezi, Ahmad Reza Dehpour. Chronic and acute administration of atorvastatin induced anticonvulsant effects in mice: the involvement of nitric oxide. Pharmacy Students Seminar 1391/Kermanshah (oral presentation).
- Nazanin Rajai, **Mahsa Hassanipour**, Hossein Amini-Khoei, Hamed Shafaroodi, Armin Shirzadian, Nastaran Rahimi, Muhammad Imran-Khan, Seyed-Mahdi Rezayat, AhmadrezaDehpour. Atorvastatin blocks the analgesic tolerance of morphine: role of NO. Fifth neuroscience congress, December 2016, Tehran.
- **Mahsa Hassanipour**, Aminreza Abkhoo, Alireza Abkhoo, Sina Delazar, Armin Shirzadian, Ahmadreza Dehpour. Possible involvement of nitrenergic and opioidergic systems in the modulatory effect of acutechloroquine treatment on pentylenetetrazol induced convulsions in mice. Accepted for poster presentation in ISCOMS 2015, Netherlands.
- Nazanin Rajai, **Mahsa Hassanipour**, Hossein Amini-Khoei, Hamed Shafaroodi, Armin Shirzadian, Nastaran Rahimi, Seyed-Mahdi Rezayat, Ahmadreza Dehpour. Nitric oxide involvement in the protective effects of atorvastatin on morphine analgesic tolerance in male mice. Accepted as oral presentation, (the session winner). ISCOMS 2017. June 6, 2017 - June 9, 2017. Netherland.
- **Mahsa Hassanipour**, Hossein Amini-Khoei, Nastaran Rahimi, Ahmadreza Dehpour, Protective effects of atorvastatin on morphine dependence in mice is mediated by nitrenergic system. Iranian Pharmacy Students' Seminar, (IPSS20), 12th -14th April 2017. Tehran
- **Mahsa Hassanipour**, Nazanin Rajai, Nastaran Rahimi, Iman Fatemi, Reihaneh Akbarian, Ali Shahabaddini, Amirhossein Nazari, Hossein Amini-Khoei, Ahmadreza Dehpour. Acute sumatriptan effects on morphine analgesic tolerance and physical dependence in male mice: the

possible role of nitric oxide. 2nd International and 23rd Iranian Congress of Physiology and Pharmacology 15-18 February, 2018, Chabahar, Iran.

Responsibilities

- Head of Educational Development Office (EDO) in the medicine faculty.
- Head of 3th Generation Universities of education reform plan.
- Vice-Chancellor for Food & Drug Affairs (2021-2025).

➤ Membership

- Member of Iranian Pharmaceutical Association.
- Member of Iran Medical council, No: 17224
- Member of Physiology and Pharmacology Research Centre, Rafsanjan University of Medical Sciences.
- Member of research council of medical faculty, Rafsanjan University of Medical Sciences.
- Member of education council of medical faculty, Rafsanjan University of Medical Sciences.
- Member of research and development center of food and drug affairs, Rafsanjan University of Medical Sciences.