

# Curriculum Vitae



## Mahsa Hassanipour

### *Contact Information:*

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### *Identification:*

<b>First Name:</b> Mahsa	<b>Last Name:</b> Hassanipour
<b>Nationality:</b> Iranian	<b>Marital status:</b> 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 16<sup>th</sup> 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.

## ***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. 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.
4. 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.
5. **Hassanipour M**, Shirzadian A, Boojar MM, Abkhoo A, Abkhoo A, Delazar S, Amiri S, Rahimi N, Ostadhadi S, Dehpour AR. Possible involvement of nitrergic 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.
6. 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.

7. 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.
8. 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.
9. **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
10. 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.
11. 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  $\mu$ -opioid agonist morphine through l-arginine-iNOS and nitric oxide pathway. *Biomedicine & Pharmacotherapy*. 2017 Jan 31;85:493-502.
12. 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.
13. 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.
14. 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*. 21(4):417-421.

15. 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.
16. 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.
17. Naderi R, **Hassanipour M**, Aminzadeh F, Manshoori A, Shamsizadeh A, Khodadadzadeh 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).
18. **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.
19. **Hassanipour M**, **Shafaroodi H**. Apelin: A promising therapeutic target? *Journal of Pharmaceutical and Health Sciences*. 2014; 2(2), 133-138.

➤ **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 $\gamma$  agonist, Pioglitazone, in murine sepsis model by cecal ligation and puncture: Involvement of nitrenergic system and TNF $\alpha$ . 13<sup>th</sup> 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. 13<sup>th</sup> 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. 13<sup>th</sup> 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. 13<sup>th</sup> Iranian Pharmaceutical Science Congress 3-6 September 2012/Esfahan (poster presentation).
- **Mahsa Hassanipour**, Ali Fakhrazad, 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, Ahmadreza Dehpour. 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 acute chloroquine 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), 12<sup>th</sup> -14<sup>th</sup> 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. 2<sup>nd</sup> International and 23<sup>rd</sup> Iranian Congress of Physiology and Pharmacology 15-18 February, 2018, Chabahar, Iran.

### ***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.