

CURRICULUM VITA (CV)

Dr. Amin Hasanvand



Personal Information

First name: Amin

Surname: Hasanvand

Birth Place: Selseleh County, Lorestan, Iran

Citizenship: Iranian

Married status: Married with 2 children

Address: Department of Physiology and Pharmacology, Faculty of Medicine, Lorestan University of Medical Sciences.

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Education

1. Doctor of Veterinary Medicine (DVM), Shahrekord, Iran, 2007.
2. Ph.D. of Medical Pharmacology - School of Medicine, Tehran University of Medical Sciences, Tehran, Iran, 2016.

Teaching Experience

Teaching of different topics of Pharmacology for Undergraduate students (Medical, Dentistry, Pharmacy and ...) and MSc students.

Research Interests

Nephropharmacology, Diabetes and Neurosciences

Research Fields

Metformin, Minocycline, Inflammatory cytokines, Oxidative stress, Ischemia – Reperfusion, Diabetes, Kidney and Nerve in animals.

Position

1. Assistant Professor of Pharmacology (2016 - at 2021).
2. Associate Professor of Pharmacology (2021 - at now).
3. The Deputy of Research of Faculty of Pharmacy, Lorestan University of Medical Sciences, Khorramabad, Iran (2016 - 2017).
4. The Head of Faculty of Pharmacy, Lorestan University of Medical Sciences, Khorramabad, Iran (2017 - at 2019).
5. The Deputy of Food and Drug, Lorestan University of Medical Sciences, Khorramabad, Iran (2019 - at 2020).
6. The Advisor of the President of the Lorestan University of Medical Sciences, Khorramabad, Iran (2020 - at 2022).
7. The Head of Secretariat of Council for Health and Food safety, Lorestan University of Medical Sciences, Khorramabad, Iran (2020 at 2022).

Publications

1. Relationship between serum selenium level and febrile seizure in children. M Azam, Anbari Khatereh, Mardani Mahnaz, Shahkarami Korosh, **Hasanvand Amin**, AS Soleymaninejad Maryam. ***Journal of Chemical and Pharmaceutical Research***. 2015
2. Double-button Fixation System for Management of Acute Acromioclavicular Joint Dislocation. Ali Torkaman, Abolfazl Bagherifard, Tahmineh Mokhatri, Mohammad Hossein Shabanpour Haghighi, Siamak Monshizadeh, Hamid Taraz, **Amin Hasanvand**. ***Archives of Bone and Joint Surgery***. 2016

3. Assessment of the effects of anti-inflammatory of garlic; nettle leaves and olives extracts in STZ-induced diabetic rat. S Darabi, **A Hasanvand**, A Nourollahi. *Complementary Medicine Journal of Faculty of Nursing and Midwifery*. 2016
4. Anti-inflammatory effect of AMPK signaling pathway in rat model of diabetic neuropathy. **Amin Hasanvand**, Hossein Amini-khoei, Mohammad-Reza Hadian, Alireza Abdollahi, Seyed Mohammad Tavangar, Ahmad Reza Dehpour, Erika Semiei, Shahram Ejtemaei Mehr. *Inflammopharmacology*. 2016
5. The protective potential of metformin against acetaminophen-induced hepatotoxicity in BALB/C mice. Seyed Soheil Saeedi Saravi, **Amin Hasanvand**, Kourosh Shahkarami, Ahmad Reza Dehpour. *Pharmaceutical biology*. 2016
6. Evaluation of selenium on kidney function following ischemic injury in rats; protective effects and antioxidant activity. **Amin Hasanvand**, Abolfazl Abbaszadeh, Saeideh Darabi, Afshin Nazari, Mohammadreza Gholami, Ali Kharazmkia. *Journal of renal injury prevention*. 2017
7. Ameliorative Effects of Red Lentil Extract on Sodium Arsenite-induced Oxidative Stress in Rats. Heibatullah Kalantari, Gholamreza Houshmand, **Amin Hasanvand**, Mojtaba Kalantar, Mehdi Goudarzi, Hossein Khadem Haghighian. *Jundishapur Journal of Natural Pharmaceutical Products*. 2017
8. A Brief Perspective on Anti-inflammatory Effects of Thymol and Carvacrol. Mohsen Alizadeh, Reza Mohammadrezaei Khorramabadi, Fatemeh Beiranvand, Jabar Soori, **Amin Hasanvand**. *Herbal Medicines Journal*. 2017
9. Ameliorative effects of hydroalcoholic extract of *lavandula officinalis* L. on methotrexate-induced oxidative stress in rats. Mojtaba Kalantar, Saeed Shirali, **Amin Hasanvand**, Masoud Valizadeh, Ramin Tavakoli, Marzieh Asadi, Mehdi Goudarzi. *Pharm Sci*. 2017
10. Inflammatory cytokines and oxidative stress biomarkers in irritable bowel syndrome: Association with digestive symptoms and quality of life. Raziieh Choghakhori, Amir Abbasnezhad, **Amin Hasanvand**, Reza Amani. *Cytokine*. 2017
11. Metformin; a mini-review to its antioxidative and anti-inflammatory properties. A Abbaszadeh, S Koushki, S Koushki, M Eskandarzadeh, **A Hasanvand**. *Journal of Renal Injury Prevention*. 2017

12. Vitamin D Deficiency in Patients with Irritable Bowel Syndrome: Association with Clinical Symptoms, Quality of Life and Inflammatory Cytokines. Amir Abbasnezhad, Razieh Choghakhori, **Amin Hasanvand**, Esmail Yousefi Rad, Somayeh Saboori. **EUROPEAN JOURNAL OF PEDIATRICS. 2017**
13. Metformin attenuates streptozotocin-induced diabetic nephropathy in rats through activation of AMPK signaling pathway. **Amin Hasanvand**, Hossein Amini-Khoei, Samane Jahanabadi, Mohammad-Reza Hadian, Alireza Abdollahi, Seyed Mohammad Tavangar, Shahram Ejtemaei Mehr, Ahmad Reza Dehpour. **Journal of Nephropathology .2018**
14. Antioxidative and anti-inflammatory effects of metformin; a new look to an old drug. **Amin Hasanvand. Journal of Renal Endocrinology.2018**
15. Ischemia and post-injury regeneration in proximal convoluted tubule cells. **Amin Hasanvand. Acta Persica Pathophysiologica. 2018**
16. Minocycline through attenuation of oxidative stress and inflammatory response reduces the neuropathic pain in a rat model of chronic constriction injury. Abolfazl Abbaszadeh, Saeideh Darabi, **Amin Hasanvand**, Hossein Amini-Khoyi, Amir Abbasnezhad, Razieh Choghakhori, Asghar Aaliehpour. **Iranian Journal of Basic Medical Sciences. 2018**
17. Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: involvement of nitric oxide and N-methyl-D-aspartate receptor. Hossein Amini-Khoei, Nastaran Kordjazy, Arya Haj-Mirzaian, Shayan Amiri, Arvin Haj-Mirzaian, Armin Shirzadian, **Amin Hasanvand**, Shima Balali-Dehkordi, Mahsa Hassanipoor, Ahmad Reza Dehpour. **Canadian journal of physiology and pharmacology. 2018**
18. Protective effect of metformin on diabetes mellitus, diabetic kidney disease and hepatocytes. Saeideh Darabi, **Amin Hasanvand. Annals of Research in Antioxidants. 2018**
19. Enzymatic and nonenzymatic antioxidants in kidney diseases. **Amin Hasanvand**, Saeideh Darabi. **Annals of Research in Antioxidants. 2018**
20. Flavonoid-induced nephropathy; increasing awareness. **Amin Hasanvand**, Sajad Papi, Banafsheh Yalameha. **Annals of Research in Antioxidants. 2018**
21. Regression of kidney malfunction upon watermelon consumption. **Amin Hasanvand**, Reza Mohammadrezaei Khorramabadi, Mohammad Reza Tamadon. **Annals of Research in Antioxidants. 2018**

22. Ameliorative effect of ferulic acid on gentamicin-induced nephrotoxicity in a rat model; role of antioxidant effects. **Amin Hasanvand**, Ali Kharazmkia, Samareh Mir, Reza Mohammadrezaei Khorramabadi, Saeideh Darabi. *Journal of Renal Injury Prevention*. **2018**
23. Protective effects of persian honey, Apis Mellifera Meda Skorikov on side effects of chemotherapy and ischemia/reperfusion induced testicular injury. Mohammadreza Gholami, Abolfazl Abbaszadeh, Parastoo Baharvand, Afshin Hasanvand, **Amin Hasanvand**, Anneh mohammad Gharravi. *Journal of Complementary and Integrative Medicine*. **2018**
24. Renoprotective impacts of metformin with insulin in type 1 diabetes; role of its antioxidant efficacy. Esmael Babaeenezhad, **Amin Hasanvand**. *Journal of Nephropathology*. **2018**
25. Reporting a lethal drug interaction occurred during evaluation of insulin resistance in mice polycystic ovary model. Seyyed Amir Yasin Ahmadi, Afshin Hasanvand, **Amin Hasanvand**, Mandana Beigi Boroujeni, Fatemeh Yari. *Bangladesh Journal of Pharmacology*. **2018**
26. Renin angiotensin system and different mediators induce renal fibrosis. **A Hasanvand**, S Saberi. *Journal of Renal Endocrinology*. **2018**
27. The Antinociceptive Effects of Rosuvastatin in Chronic Constriction Injury Model of Male Rats. **Amin Hasanvand**, Fariba Ahmadizar, Abolfazl Abbaszadeh, Hossein Amini-khoei, Mehdi Goudarzi, Amir Abbasnezhad, Razieh Choghakhori. *Basic and Clinical Neuroscience*. **2018**
28. Evaluation of the antioxidant effects of zolpidem in the rat model of cisplatin-induced nephrotoxicity. **Amin Hasanvand**, Najmeh Pirzadroozbahani, Fariba Ahmadizar, Ali Kharazmkia, Samareh Mir, Peyman Amanolahi Baharvand, Mehdi Goudarzi, Reza Mohammadrezaei Khorramabadi. *Journal of Renal Injury Prevention*. **2018**
29. Nephropathy and Metformin. **Amin Hasanvand**. *United Journal of Pharmacology and Therapeutics*. **2018**
30. Association of Serum Vitamin D Concentration with Clinical Symptoms and Quality of Life in Patients with Irritable Bowel Syndrome. Amir Abbasnezhad, Reza Amani, **Amin Hasanvand**, Esmail Yousefi Rad, Meysam Alipour, Somayeh Saboori, Razieh Choghakhori. *Journal of the American College of Nutrition*. **2018**

31. Anti-inflammatory and antioxidative effects of fluoxetine on neuropathic pain responses in a rat model of chronic constriction injury. Abbaszadeh, A., **Hasanvand, A.**, Kharazmkia, A., Goudarzi, M., Ahmadipour, S., Koushki, S. ***Journal of Koomesh. 2018***
32. Metformin and its anti-inflammatory and anti-oxidative effects; new concepts. Dehkordi, A.H., Abbaszadeh, A., Mir, S., **Hasanvand, A. *Journal of Renal Endocrinology.2019***
33. The protective effects of vasopressin on experimental testicular torsion-detorsion in male rats. **Amin Hasanvand**, Fariba Ahmadizar, Sadegh Ebrahimi-Ghalaei, Samareh Mir, Fatemeh Beyranvand, Reza Mohammadrezaei Khorramabadi, Peyman Amanolahi Baharvand, Abolfazl Abbaszadeh. ***Journal of Nephro pharmacology. 2019***
34. Neuroprotective and anti-inflammatory role of atorvastatin and its interaction with nitric oxide (NO) in chronic constriction injury-induced neuropathic pain. **Amin Hasanvand**, Fariba Ahmadizar, Abolfazl Abbaszadeh , Ahmad-Reza Dehpour, Hossein Amini-khoei, Amir Abbasnezhad, Ali Kharazmkia. ***The Iranian Journal of Pharmaceutical Research. 2019***
35. Metformin and kidney protection; a letter to editor on recent findings. S Koushki, RM Khorramabadi, PA Baharvand, **A Hasanvad. *Journal of Preventive Epidemiology. 2019***
36. Protective effect of aliskiren against renal ischemia reperfusion via antioxidant property and nitric oxide signaling pathway. Leila Mohmoodnia, Sahar Koushki, Michele Moruzzi, Sajad Papi, Reza Mohammadrezaei Khorramabadi, Behrooz Farzan, Babak Hadian, **Amin Hasanvand. *Immunopathologia Persa. 2019***
37. Effect of synbiotic on the treatment of jaundice in full term neonates: A randomized clinical trial. Ahmadipour, S., Baharvand, P., Rahmani, P., **Hasanvand, A.**, Mohsenzadeh, A. ***Pediatric Gastroenterology, Hepatology and Nutrition. 2019***
38. Association of Serum Vitamin D Concentration with Clinical Symptoms and Quality of Life in Patients with Irritable Bowel Syndrome. Amir Abbasnezhad, Reza Amani, **Amin Hasanvand**, Esmail Yousefi Rad, Meysam Alipour, Somayeh Saboori, Raziieh Choghakhori. ***Journal of the American College of Nutrition. 2019***
39. Effect of calcium and vitamin D co-supplementation on lipid profile of overweight/obese subjects: A systematic review and meta-analysis of the randomized clinical trials. asbaghi, O., Kashkooli, S., Choghakhori, R., **Hasanvand, A.**, Abbasnezhad, A. ***Obesity Medicine. 2019***

40. Assessment of chronic kidney disease-mineral and bone disorder in hemodialysis patients according to biomarkers value. Babak Hadian, Azita Zafarmohtashami, **Amin Hasanvand**, Marjan Hasani. **Journal of Parathyroid Disease. 2020**
41. Assessment of the toxicity effects of nicotine on sperm and IVF and the potential protective role of silymarin—an experimental study in mice. Rahimi-Madiseh, Mohammad and Mohammadi, Mohsen and **Hassanvand, Amin** and Ahmadi, Reza and Shahmohammadi, Maasume and Rostamzadeh, Ayoob. **Middle East Fertility Society Journal. 2020**
42. Bupropion ameliorates acetic acid-induced colitis in rat: the involvement of the TLR4/NF-kB signaling pathway. Amir Rashidian¹, Pegah Dejban¹, Kiana Karami, Alireza Abdollahi, Mohsen Chamanara, Ahmadreza Dehpour, **Amin Hasanvand. Inflammation Journal. 2020**
43. Neuroprotective and Anti-inflammatory Role of Atorvastatin and Its Interaction with Nitric Oxide (NO) in Chronic Constriction Injury-induced Neuropathic Pain. **Amin Hasanvand**, Fariba Ahmadizar, Abolfazl Abbaszadeh, Ahmad-Reza Dehpour, Hossein Amini-khoei, Amir Abbasnezhad, Ali Kharazmkia. **Iranian Journal of Pharmaceutical Research.2020**
44. Effects of testosterone Enanthate modeling of Polycystic Ovary on Liver Irs-2 mRNA expression in Rats: A Brife Report. Seyyed Amir Yasin Ahmadi, Mandana Beigi Boroujeni, Naser Pajouhi, **Amin Hasanvand**, Afshin Hasanvand, Seyed Behnamedin Jameie, Asghar Aaliehpour, Reza Nekouian. **Baghdad Science Journal.2021**
45. Association between deficient levels of circulating vitamin D, dietary intake of vitamin D, calcium and retinol, and risk of colorectal cancer in an Iranian population: A case control study. Amir Abbasnezhad, Ebrahim Falahi, Saeid Ghavamzadeh, Ramin Beiranvand, Abdolhassan Talaiezadeh, **Amin Hasanvand**, Kambiz Ahmadi Angali, Razieh Choghakhori. **Asia-Pacific Journal of Clinical Oncology. 2021**

Congress

1. The 19th Iranian congress of physiology and pharmacology. Tehran-Iran, 2009.
2. The 16th Iran Veterinary Congress. Tehran-Iran, 2010.
3. The 17th Iran Veterinary Congress. Tehran-Iran, 2011.
4. The 22th Iranian congress of physiology and pharmacology. Kashan-Iran, 2015.
5. International Congress on Reproductive-ISERB. Tehran-Iran, 2017.

6. EAP 2017 Congress and Master Course: Ljubljana, Slovenia, 2017.
7. The International Congress of Pharmacy Update, Tehran, 2018.
8. The 9th Basic and Clinical Neuroscience Congress. Iran, 2020.

Thesis Supervisor

1. The protective effects of vasopressin on experimental testicular torsion -detorsion in male rats (Medical doctor Thesis: Mr. Ebrahimi) 2016.
2. Study of anti-inflammatory effects of Bupropion on experimental model of acetic acid induced Ulcerative colitis in rats (Pharmacy Thesis: Mrs. Karami) 2019.
3. Evaluation of Aliskiren on kidney function following ischemia reperfusion in rats: Role of NO pathway (Medical doctor Thesis: Mrs. Koushki) 2020.
4. Evaluation of Rosuvastatin and rosiglitazone on kidney function following ischemia reperfusion in rats: Role of NO pathway (Medical doctor Thesis: Mr. Pirdadeh Beiranvand) 2020.
5. Evaluation of the anti-inflammatory effects of Progesterone on Diabetic peripheral neuropathy in rats (Pharmacy Thesis: Mrs. Mokhtari) 2021.

Thesis Advisor

1. Wound Healing effect of Hydroalcoholic Extract of *Linum usitatissimum* in Adult rats (Medical doctor Thesis: Mrs. Ehsani Shakib) 2017.
2. Effect of co-treatment of atorvastatin and vitamin C on neuropathic pain in rats following Chronic Constriction Injury (CCI): role of anti-nociceptive and anti-inflammatory (Medical doctor Thesis: Mrs. Najmeh Pirzadroozbahani) 2021.
3. Study of coadministration of Epalrestat and Sitagliptin in models of neuropathic pain Chronic Constriction Injury (CCI) in rats: role of anti-inflammatory and antioxidant (Medical doctor Thesis: Mr. Farshid Torkzaban) 2022.

Professional Memberships

1. Member of the editorial board of the United Journal of Pharmacology and Therapeutics
2. Member of the editorial board of the Journal of Immunopathologia Persa.
3. Member of the editorial board of the Journal of Annals of Research in Antioxidants.
4. Member of Iranian Society Physiology and Pharmacology.
5. Member of Iranian Society Neuroscience.

Books

1. Biomolecules and Diseases. **Amin Hasanvand**, Sajad Papi. 2017.
2. Physiology and Pharmacology in Cardiovascular Diseases. **Amin Hasanvand**, Nasrolah Moradifar, Marzieh Eskandarzadeh, Shirin Koushki, Sahar Koushki. 2018.
3. Antibiotics, Mechanism of action and clinical applications, Amin Hasanvand, Setaysh Farhadi. 2021.