

Hossein Amini

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Curriculum Vitae

Personal History:

Birth date & place: 1972/12/22, Gonbad kavoos, Iran

Marital Status: Married, No. of children: 1

Current position: Associate Professor in Department of Pharmacology, Faculty of Medicine, Golestan University of Medical Sciences, Gorgan, Iran

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Educational History:

1. Pharm.D from Tehran University of Medical sciences, 1992-1997, Supervised by Dr. Fazel Shamsa; Title of Thesis: Synthesis of 1-anthroyl nitrile as a fluorescent labeling agent for HPLC determination of cortisol and cortisone in human saliva

2. Ph.D in Pharmacology, Shaheed Beheshti University of Medical Sciences, 1997-2002, Supervised by Dr. Abolhassan Ahmadiani; Title of Thesis: The effects of formalin-induced pain on testosterone synthesis and metabolism in the rat central nervous system

Awards:

6 months scholarship for research from Iranian Ministry of Health in Tokyo Medical and Dental University, Tokyo, Japan

Honors:

1. Principal investigator of bioequivalence studies for about 150 drugs for Iranian Pharmaceutical Companies.
2. A member of scientific board of AryaTinaGene Biopharmaceutical Company in developing Tinagrast (rhG-CSF)

Publications:

1. Shahbazi M, Zahedy ET, Kiumarsi S, Soltanabad MH, Shahbazi S, Amini H, Determination of pegfilgrastim aggregates by size-exclusion high-performance liquid chromatography on a methacrylate-based column. *Biologicals*. Accepted for publication.
2. Salemi S, Baktash P, Rajaei B, Noori M, Amini H, Shamsara M, Massumi M. Efficient generation of dopaminergic-like neurons by overexpression of Nurr1 and Pitx3 in mouse induced Pluripotent Stem Cells. *Neurosci Lett*. 2016 Jul 28;626:126-34.
3. Alebouyeh M, Tahzibi A, Yaghoobzadeh S, Zahedy ET, Kiumarsi S, Soltanabad MH, Shahbazi S, Amini H, Rapid formulation assessment of filgrastim therapeutics by a thermal stress test. *Biologicals* 2016; 44:150-156.

4. Alebouyeh M, Amini H. Rapid determination of lamivudine in human plasma by high-performance liquid chromatography. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2015; 15; 975:40-4.
5. Nersi Jafary Omid, Niloofar Babanejad, Hossein Amini, Mohsen Amini, Morteza Rafiee Tehrani, Farid Dorkoosh. Preparation and characterization of novel derivatives of chitosan and trimethyl chitosan conjugated with dipeptides and vitamin B12 as candidates for oral delivery of insulin. *Journal of Polymer Research.* 2014; 21 (510); 1-16.
6. Mortazavian E, Amini M, Dorkoosh FA, Amini H, Khoshayand MR, Amini T, Rafiee- Tehrani M. Preparation, design for optimization and in vitro evaluation of insulin nanoparticles integrating thiolated chitosan derivatives. *Journal of Drug Delivery Science and Technology.* 2014; 24 (1); 40-49.
7. Amini H, Ahmadiani A. High-Performance Liquid Chromatographic Determination of Rivastigmine in Human Plasma for Application in Pharmacokinetic Studies. *Iranian Journal of Pharmaceutical Research.* 2010; 9 (2); 117-122.
8. Mahnaz Moradi -Azani, Abolhasan Ahmadiani, Hossein Amini Increase in formalin-induced tonic pain by 5 alpha reductase and aromatase inhibition in female rats. *Pharmacology Biochemistry and Behavior.* 2011; 98; 62-66
9. Rapid and simultaneous determination of sulphamethoxazole and trimethoprim in human plasma by high-performance liquid chromatography. "Hossein Amini", "Abolhassan Ahmadiani". *Journal of Pharmaceutical and Biomedical Analysis* 2007; 43: 1146-1150.
10. M. Syyah, H. Argani, GH.R. Pourmand, H. Amini, and A. Ahmadiani, Pharmacokinetics, Efficacy, and Safety of Iminoral Compared With Neoral in Healthy Volunteers and Renal Transplant Recipients *Transplantation Proceedings* 2007; 39: 1214–1218.
11. Development and validation of a sensitive assay of valproic acid in human plasma by high-performance liquid chromatography without prior derivatization. "Hossein Amini", "Mohammad Javan", "Abolhassan Ahmadiani". *J Chromatography B* 2006; 830: 368-371.
12. In vivo evidence for an increase in 5 alpha-reductase activity in the rat central nervous system following morphine exposure. "Hossein Amini", "Abolhassan Ahmadiani". *International Journal of Developmental Neuroscience* 2005;23:621-6.
13. Determination of metformin in human plasma by high- performance liquid chromatography. "Hossein Amini", "Abolhassan Ahmadiani", "Parisa Gazerani". *J Chromatography B* 2005; 824(1-2):319-322.
14. Sensitive determination of clarithromycin in human plasma by high-performance liquid chromatography with spectrophotometric detection. "Hossein Amini", "Abolhassan Ahmadiani". *J Chromatography B* 2005; 817(2):193-197
15. Rapid determination of loratadine in small volume plasma samples by high-performance liquid chromatography with fluorescence detection. "Hossein Amini", "Abolhassan Ahmadiani". *Journal of Chromatography B* 2004;809(2):227-230.

16. Simple determination of cyclosporine in human whole blood by high-performance liquid chromatography. "Hossein Amini", "Abolhassan Ahmadiani". *Journal of Chromatography B* 2003;795(2):209-214.
17. Determination of moclobemide in human plasma by high-performance liquid chromatography with spectrophotometric detection. "Hossein Amini", "Abolhassan Ahmadiani". *Journal of Chromatography B* 2004;807(2):271-275.
18. Rapid determination of ranitidine in human plasma by high-performance liquid chromatography without solvent extraction. "Abolhassan Ahmadiani", "Hossein Amini". *Journal of Chromatography B* 2001;751(2):291-296.
19. Pharmacokinetics of Losartan and its Active Metabolite EXP3174 in Healthy Iranian Subjects. "Hossein Amini", "Abolhassan Ahmadiani", "Maryam Moazenzadeh". *Clinical Drug Investigation* 2004; 24(10):619-623.
20. Increase in testosterone metabolism in the rat central nervous system by formalin-induced tonic pain. "Hossein Amini", "Abolhassan Ahmadiani". *Pharmacology, Biochemistry and Behavior* 2002; 74(1):199-204.
21. Preparation of 1-anthroyl nitrile as a strong fluorophore for pre-column labeling of hydroxysteroids. "Fazel Shamsa", "Hossein Amini". *Daru* 2000; 8():37-40.
22. Ascorbate reduces morphine-induced extracellular DOPAC level in the nucleus accumbens: A microdialysis study in rats. "Z. Rajaei", "H. Alaei", "A. Nasimi", "H. Amini", "A. Ahmadiani". *Brain Research* 2005; 1053(1-2):62-66.
23. Effects of DSP-4 induced central noradrenergic depletion on tactile learning in rat. "Rajabi S", "Shamsizadeh A", "Amini H", "Shirazi M", "Allahtavakoli M", "Abbasnejad M", "Sheibani V" *Neurological Research*. 2012; 34(1); 80-84.
24. The synergistic effect of beta-boswellic acid and Nurr1 overexpression on dopaminergic programming of antioxidant glutathione peroxidase -1- expressing murine embryonic stem cells. "Abasi M", "Massumi M", "Riazi G", "Amini H". *Neuroscience*. 2012; 222; 404-416.