

Hossin Sadeghpour

Personal Information

School: Pharmacy

Department: Medicinal Chemistry

Academic Rank: Ph.D. in nuclear pharmacy

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Birth Date: 31 jun 1979

Birth Place: Shiraz

Marital Status: Married



Education

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| 1997 | Diploma , Andisheh high School, Shiraz, Iran. |
| 1997-2003 | Pharm. D. Faculty of Pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran. |
| 2003-2009 | Ph.D. of nuclear pharmacy, Tehran University of Medical Sciences, Tehran, Iran |

Experiences

Teaching:

General chemistry (theory and practical): faculty of pharmacy, Shiraz University of medical sciences, 2009-now.

General chemistry (theory and practical): Shiraz university of medical sciences, Kish international branch, 2007-now.

Radiopharmacy: faculty of pharmacy, shiraz university of medical sciences.2008-now.

Radiopharmacy for Ph.D. students in pharmaceuticals, 2010.

Pharmacy training for pharmacy student trainees in community pharmacy, faculty of pharmacy, shiraz university of medical sciences, 2009-now.

Instrumental:

HPLC, UV/Visible, IR, radio TLC, radio HPLC

Techniques: radio labeling of some pharmaceuticals with radiometals like ^{99m}Tc , and ^{111}In , ^{67}Ga .

radio labeling of some pharmaceuticals with ^{18}F .

Quality control of routine radiopharmaceuticals of $^{99\text{m}}\text{Tc}$.

Some techniques in organic synthesis

Some techniques in isolation & purification of synthetic & natural compounds

Some techniques in molecular modeling like hyper chem. And auto dock 3

Anti microbial evaluation of chemical compounds

Analgesic evaluation of chemical compounds

Workshops: Quality control of $^{99\text{m}}\text{Tc}$ radiopharmaceuticals 11-15 march 2006, Atomic Energy Organization of Iran, Nuclear Research Center.

positions

Responsible for Pharmacy training for pharmacy student (entrance 2006 and 2007)

Honors, Distinctions, and Scientific Societies Membership

Awards and Scholarship:

* Second Awarded prize for medicinal chemistry

9th Iranian Seminar of Pharmaceutical students, 2-5 August, Tabriz, Iran..

* Rank third students of 1997 entrance

Shiraz University of Medical Sciences, faculty of pharmacy, Shiraz, Iran, 2003.

Language Skills

English

Computer Knowledge

Softwares: Microsoft Office, Photoshop, Internet, Autodock, ADT, Hyprchem,

Chemoffice, Windows, Chemwin,.....

Projects

- 1- Synthesis and quality control of [^{18}F] labeled celecoxib as a new pet tracer.
- 2- Synthesis of some triaryl imidazoles as antimicrobial and anti-inflammatory agents
- 3- Synthesis and Anti seizure Activity of New 2-Substituted 1,4-Dihydropyridine Derivatives

- 4- Synthesis and cytotoxic Activity of New 2-Substituted 1,4-Dihydropyridine Derivative
- 5- Synthesis and Antimicrobial Activity of New metronidazole Derivatives
- 6- Synthesis and cytotoxic Activity of New 3-Substituted 1,4-Dihydropyridine Derivative
- 7- Quality control of radiopharmaceuticals in Namazi Hospital, shiraz, iran.

Ph.D. Thesis:

Hossein sadeghpour (2009), radiosynthesis and quality control of [^{18}F]-nifedipine as a new PET tracer. Supported by the Faculty of Pharmacy and Pharmaceutical Sciences Research Center, Tehran University of Medical Sciences under supervising professor A. Shafiee and Nuclear Medicine Research Group, Agricultural, Medical and Industrial Research School (AMIRS) under supervising professor A.R. Jallilian.

Pharm.D. Thesis:

Hossein sadeghpour (2004), synthesis and antibacterial activity of some new triaryl imidazoles. Supported by the faculty of pharmacy, Shiraz University of Medical Sciences, Shiraz, Iran. under supervising professor R.Miri.

English Publications

A- Papers:-

1. Javidnia, K., Miri, R., **Sadeghpour, H.** (2004) "Composition of the essential oil of *Achillea wilhelmsii* C. Koch from Iran" *DARU: Journal of the school of pharmacy, Tehran University of Medical Sciences*, 12, 63-66.
2. Javidnia, K., Miri, R., Mehregan. I., **Sadeghpour, H.** (2005) "Volatile constituents of the essential oil of *Nepeta ucrainica* L. ssp *Kopetdaghensis* from Iran" *Flavor and Fragrance J.*, 20, 219-221

3. **H. Sadeghpour**, A. R. Jalilian, M. Akhlaghi, M. Kamali-dehghan, M. Mirzaii, Preparation and Biodistribution of [111In]-rHuEpo for Erythropoietin Receptor Imaging, DOI: 10.1007/s10967-007-7212-1. *Journal of Radioanalytical and Nuclear Chemistry*, Vol. 278, No.1 (2008) 117–122.
4. **H. Sadeghpour**, A. R. Jalilian, A. Shafiee, M. Akhlaghi, R. Miri, M. Mirzaei, Radiosynthesis of [¹⁸F]-Dimethyl 2-(fluoromethyl)-6-methyl-4-(2-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate a for L-type calcium channel imaging, *Radiochimica Acta*, 96, 849-853 (2008).
5. **H Sadeghpour**, A R. Jalilian, M Akhlaghi, A Shafiee, M Mirzaii, R Miri, F Saddadi. Biological Evaluation of [¹⁸F]-nifedipine as a novel PET tracer for L-type calcium channel imaging, *Nukleonika*, 2008;53(4):151 154.
6. **A. R. Jalilian**, F. Mirazizi, H. Nazem, J. Garousi, F. Bolourinovin, H. Sadeghpour. Preparation and Biological Evaluation of Radiolabeled Streptokinase for Thrombus Imaging, *Iran. J. Radiat. Res.*, 2009; 6 (4): 195-200
7. A. R. Jalilian, F. Mirazizi, H. Nazem, K. Shafaii, B. Nasserian, **H. Sadeghpour**. Evaluation of Radiolabeled Streptokinase for Thrombosis Imaging. *Iran J Nucl Med* 2008; 16(2)..

B- Presentations in International & National Congress:

1. Miri. R., **Sadeghpour, H.**, Marioriad, H. (2001) “Synthesis of new derivatives of Celecoxib assel ective COX-2 inhibitors” The 7th Seminar of Iranian Pharmacy Students, 7-9 March, Abadan, Iran.
2. Javidnia, K., Miri, R., **Sadeghpour. H.** (2002) “Composition of the essential oil of *Achillea wilhelmisii* from Iran” 8th Iranian Seminar of Pharmaceutical Sciences, 27-29 August, Shiraz, Iran.

3. Miri, R., Javidnia, K., Mehregan, I., **Sadeghpour, H.**, Jafari, A., Rezai, H., (2003) “ Analysis of the volatile constituents of *Nepeta macrosiphon* Boiss. and *Nepeta ucrainica* L. ssp.*kopetdaghensis* from Iran” 34th International Symposium on Essential Oils, 7-10 Sept., Wurzburg, Germany.

4. **Sadeghpour, H.**, Javidnia, K, Miri, R. (2004) “Synthesis and study of antimicrobial activity of new triarylimidazole containing N-methyl-5-nitroimidazole” 9th Iranian Seminar of Pharmaceutical Sciences, 2-5 August, Tabriz, Iran

5. **Hossein Sadeghpour**, Amir Reza Jalilian, Abbas Shafiee, Mohammad Mirzaei, Mehdi Akhlaghi. Radiosynthesis of [18F]-dimethyl 2-(fluoromethyl)-6-methyl-4-(2-nitrophenyl)-1,4- dihydropyridine-3,5-dicarboxylate for L-type calcium channel imaging NRC7 - SEVENTH INTERNATIONAL CONFERENCE ON NUCLEAR AND RADIOCHEMISTRY. Budapest, Hungary 24-29 August 2008

6. **Hossein Sadeghpour**, Amir Reza Jalilian, Abbas Shafiee, Mohammad Mirzaei, Mehdi radiosynthesis and pharmacokinetic properties of 18-F nifedipine: a new PET tracer of calcium channels. Edmonton, Canada, July 12-17, 2009.