

Curriculum Vitae

Name: Ehsan, Faghih-Mirzaei

Place&DateofBirth: 28.March.1981, Kerman,Iran

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Research field:

Molecular Modeling

Design and synthesis of novel Hetrocyclic compounds

Education:

- Ph. D., Medicinal Chemistry *2008-2013*
Shiraz University of Medical Sciences, Faculty of Pharmacy
Shiraz, Iran.
- Pham. D. *2000-2006*
Kerman University of Medical Sciences, Faculty of Pharmacy
Kerman, Iran.
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➤ Diploma

1995-1999

Seyed Kamala din Moosavi high School, Kerman, Iran.

Positions:

- Associate Professor, Kerman University of Medical Sciences, (2013-present)

Societies Memberships:

- Iranian Society of Pharmacists (2006-present)
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Ph.D.Thesis:

2013 Stereoselective synthesis of some useful chiral alcohols by plant and microorganism biocatalysors

Pharm.D.Thesis:

2006 Bioequivalency of Lithium carbonate sustained release tablets

Publications:

Articles:

1. **Faghihmirzaei E**, Miri R, Zomorodian K, Attarroshan M, Javidnia K. Stereoselective biotransformation of estrone to β -estradiol: A comparative study of microbial and plant bioreduction. *Annals of Biological Research*, 2013, 4 (8):85-89
2. Zamani L., Mirjalili F, Zomorodian K., Namazian M, Khabnadideh S, **FaghihMirzaei E**. Synthesis of Benzimidazoles in the presence of nano-TiCl₄.SiO₂ as antifungal agents and tautomerism theoretical study of some Products. *FARMACIA*, 2014, Vol. 62, 3.
3. **Faghih-Mirzaee E**, Dehestani M, Zeidabadinejad L. Computational study on transfer of L-ascorbic acid by UlaA through Escherichia coli membrane. *Journal of Bioinformatics and Computational Biology*, Vol. 15, No. 3 (2017) 1750007 (15 pages), DOI: 10.1142/S021972001750007X.

4. Pourshojaei Y, Nikzad M, EskandariKh, Darijani M, Hassanzadeh A, **Faghih-Mirzaei E**, Asadipour A. Ultrasound-assisted and Efficient Knoevenagel Condensation Reaction Catalyzed by Silica Sodium Carbonate Nanoparticles. *Croat. Chem. Acta* 2018, 91(1), DOI: 10.5562/cca3261.
5. Javidnia K, **FaghihMirzaei E**, RastehRezazadehSh, Attarroshan M, Gholami M, Miri R. Stereoselective Reduction Of Some β -Ketoesters By Brassica Rapa And DaucusCarota Using Plant Roots And Plant Cultured Cells. *International Journal of ChemTech Research*, 2013, Vol.5, No.4, pp 1744-1749.
6. Cheraghi S, Taher, M.A, Karimi-MalehH, **Faghih-Mirzaei E**. A nanostructure label-free DNA biosensor for ciprofloxacin analysis as a chemotherapeutic agent: an experimental and theoretical investigation. *Royal Society of Chemistry*, 2017, Issue 12, DOI: 10.1039/c7nj00609h.
7. Asadipour A, Shams Z, Eskandari kh, Moshafi M, **Faghih-Mirzaei E**, Pourshojaei Y. Efficient, straightforward, catalyst-free synthesis of medicinally important S-alkyl/benzyl dithiocarbamates under green conditions. *Res ChemIntermed*, 2018, Volume 44, Issue 2, pp 1295–1304, DOI 10.1007/s11164-017-3167-1.
8. Javidnia K, **Faghih-Mirzaei E**, Miri R, Attarroshan M, Zomorodian K. Biotransformation of acetoin to 2,3-butanediol: Assessment of plant and microbial biocatalysts. *Research in Pharmaceutical Sciences*, 2016; 11(4): 349-354, Doi: 10.4103/1735-5362.189330.
9. Ahmadzadeh S, Rezayi M, **Faghih-Mirzaei E**, Yoosefian M, Kassim A. Highly Selective Detection of Titanium (III) in Industrial Waste Water Samples Using Meso-octamethylcalix[4]pyrrole-Doped PVC Membrane Ion-Selective Electrode. *ElectrochimicaActa* 178 (2015) 580–589, Doi.org/10.1016/j.electacta.2015.07.014
10. **Faghih-Mirzaei E**, Seifi M, Abaszadeh M, Zomorodian K, Helali H. Design, Synthesis, Biological Evaluation and Molecular Modeling Study of Novel Indolizine-1-Carbonitrile Derivatives as Potential Anti-Microbial Agents. *Iranian Journal of Pharmaceutical Research* (2018), 17 (3): 883-895.
11. Javidnia K, **Faghih-Mirzaei E**, Miri R, Attarroshan M, Zomorodian K. Stereoselective Reduction of Prochiral Ketones by Plant and Microbial Biocatalysts. *Indian Journal of pharmaceutical Siences*, 2016, 78(1) : 1-172, DOI: 10.4103/0250-474X.180252.
12. Shahabipour S, Firuzi O, Asadollahi M, **Faghihmirzaei E**, Javidnia K. Essential oil composition and cytotoxic activity of *Ducrosiaanethifolia* and *Ducrosiaflabellifolia* from Iran. *Journal of Essential Oil Research*, 2013, 25:2, 160-163, DOI: 10.1080/10412905.2013.773656.
13. Rezaei Z, Khabnadideh S, Zomorodian K, Pakshir K, Nadali S, Mohtashami N, **FaghihMirzaei E**. Design, Synthesis, and Antifungal Activity of New α -Aminophosphonates. *International Journal of Medicinal Chemistry* Volume 2011, Article ID 678101, 11 pages, Doi:10.1155/2011/678101.
14. Sadeghpour H, Khabnadideh S, Zomorodian K, Pakshir K, HoseinpourKh, Javid N, **Faghih-Mirzaei E**,

Rezaei Z. Design, Synthesis, and Biological Activity of New Triazole and Nitro-Triazole Derivatives as Antifungal Agents. *Molecules* 2017, 22, 1150; Doi:10.3390/molecules22071150.

15. Mohamadi M, **Faghih-Mirzaei E**, Ebrahimipour Y, Sheikhshoae I, Haase W, Foro S. Synthesis, spectroscopic studies, DFT calculations, electrochemical evaluation, BSA binding and molecular docking of an aroylhydrazone-based cis-dioxido Mo(VI) complex. *Journal of Molecular Structure* 1139 (2017) 418e429, Doi.org/10.1016/j.molstruc.2017.03.047.
16. Javidnia K, **Faghih-Mirzaei E**, Miri R, Attarroshan M, Zomorodian K. Biotransformation of acetoin to 2,3-butanediol: Assessment of plant and microbial biocatalysts. *Research in Pharmaceutical Sciences*, 2016; 11(4): 349-354, Doi:10.4103/1735-53620189330.
17. Ahmadzadeh S, Karimi F, Atar N, Sartori E, **Faghih-Mirzaei E**, Afsharmanesh E. Synthesis of CdO Nanoparticles Using DirectChemical Precipitation Method; Fabrication of Novel Voltammetric Sensor for Square Wave Voltammetry Determination of Chlorpromazine in Pharmaceutical Samples. *Inorganic and Nano-Metal Chemistry*, Volume 47, 2017 - Issue 3, DOI: 10.1080/15533174.2016.1186049.

