CURRICULUM VITAE

Dr. Hamid Irannejad (Pharm.D, Ph.D)

Personal Information:
First name: Hamid
Last name: Irannejad
Date and place of birth: Aug. 1980, Tehran, Iran
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* ***Educations & Professions*:**

2012-until now: Supervisor of Instrumental Analysis Laboratory in faculty of pharmacy.

2010-until now: Assistant professor at Mazandaran University of Medical Sciences, Faculty of pharmacy, Department of Medicinal Chemistry

Oct 2010 : Ph.D in Medicinal Chemistry, Department of Medicinal chemistry, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran

Jan 2009- Dec 2009 : Fellowship Research period in Dipartimento Farmaco Chimico Tecnologico, Università degli Studi di Siena, Siena, Italy. under the supervision of **Prof. Maurizio Botta**

2000-2005: Pharmacy Doctorate (Pharm D), Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran.

* ***Interests*:**

Synthetic organic chemistry
Molecular Docking
2D & 3D-QSAR
Molecular Dynamic Simulation

* ***SKILLS and Lab Experiences*:**

Synthetic Organic Chemistry
NMR AVANCE 400 Bruker
NMR AC 200 Bruker
IR Spectroscopy (Shimadzu)
UV-Visible (Shimadzu)
Microwave Assisted Organic Synthesis (CEM)
LC-MSD (Agilent)
Polarimeter
AutoDock 4 (Docking software)
2D and 3D-QSAR
Molecular Dynamic Simulation (Gromacs)

Topic of Ph.D. Thesis:
Synthesis and Biochemical Mechanistic Study of 5,6-Diaryl-3-alkylthio-1,2,4-triazine Derivatives as Neuroprotective Agents Mediated by NF-κB Transcription Factor and Caspase Inhibition.

Ph.D. Thesis Advisers:
Prof. Abbas Shafiee, Full Professor in Medicinal Chemistry
Prof. Mohsen Amini, Associate Professor in Medicinal Chemistry
Prof. Mohammad Sharifzadeh, Full Professor in Pharmacology & Toxicology

Topic of Fellowship Research period:

1- Synthesis of DDX3 Inhibitors with Pyrimidine scaffold with potential activity against HIV.
2- Synthesis of 5,6-Disubstituted-1,2,4-Oxadiazole derivatives as S100B inhibitors in cancer.

Advisor:
Prof. Maurizio Botta, Full Professor in Medicinal Chemistry, Dean of the Faculty of Pharmacy, Dipartimento Farmaco Chimico Tecnologico, Università degli Studi di Siena, Siena, Italy.

* ***Accomplishments*:**

1- Achieving the top mark in the 17th Ph.D. student entrance exam (2005) and being accepted in Tehran University of Medical Sciences.

* ***Awards*:**

1- Receiving a grant for six months research at university of Siena by the Ministry of Health and Medical Education, Tehran, Iran.(2009)

* ***Publications:***

1- **Irannejad H**, Kebriaieezadeh A, Zarghi A, Montazer-Sadegh F, Shafiee A,Assadieskandar A, Amini M., Synthesis, docking simulation, biological evaluations and 3D-QSAR study of 5-Aryl-6-(4methylsulfonyl)-3-(metylthio)-1,2,4-triazine as selective cyclooxygenase-2 inhibitors, ***Bioorganic and Medicinal Chemistry,* 2014**, 22, 865-873.

2- **Irannejad H**, Naderi N, Emami S, Foroumadi A, Qobadi Ghadikolaei R, Zafari T, Mazar-Atabaki A, Dadashpour S. Microwave assisted synthesis and anticonvulsant activity of 5,6-bisaryl-1,2,4-triazine-3-thiol derivatives, ***Medicinal Chemistry Research***, **2014**, 23, 2503-2514.

3- Babazadeh-Qazijahani M., Badali H., **Irannejad H**., Afsarian M. H., Emami S., Imidazolyl chromanones containing non-benzylic oxime ethers: Synthesis and molecular modeling study of new azole antifungals selective against Cryptococcus gattii. ***European Journal of Medicinal Chemistry, 2014***, 76, 264-273.

4- Emami S, Banipoulad S, **Irannejad H**, Foroumadi A, Falahati M, Ashrafi-Khozani M, Sharifynia S. Imidazolylchromanones containing alkyl side chain as lanosterol 14a-demethylase inhibitors: synthesis, antifungal activity and docking study. ***Journal of Enzyme Inhibition and Medicinal Chemistry***, **2014**, 29(2), 261-271.

5- Emami S, Shojapour S, Faramarzi M A, Samadi N, **Irannejad H**, Synthesis, in vitro antifungal activity and in silico study of 3-(1,2,4-triazol-1-yl)flavanones, ***European Journal of Medicinal Chemistry*, 2013,** 66, 480-485.

6- Emami S, Ghafouri E, Faramarzi M A, Samadi N, **Irannejad H**, Foroumadi A**,** Mannich bases of 7-piperazinylquinolones and kojic acid derivatives: synthesis, in vitro antibacterial activity and in silico study**, *European Journal of Medicinal Chemistry*, 2013,** 68, 185-191.

7- *Ayati A, Falahati M, **Irannejad H**, Emami S*. Synthesis, in vitro antifungal evaluation and in silico study of 3-azolyl-4-chromanone phenylhydrazones. ***DARU Journal of Pharmaceutical Sciences***, **2012**,20, 46

8- *Maga G, Falchi F, Radi M, Botta L, Casaluce G, Bernardini M, **Irannejad H**, Manetti M, Garbelli A, Samuele A, Zanoli S, Esté J A, González E, Zucca E, Paolucci S, Baldanti F,Rijck J D, Debyser Z, Botta M.,* Toward the Discovery of Novel Anti-HIV Drugs. Second Generation Inhibitors of the Cellular ATPase DDX3 with Improved Anti-HIV Activity: Synthesis, Structure-Activity Relationship Analysis, Cytotoxicity Studies, and Target Validation. ***ChemMedChem***, **2011**, 6(8), 1371-1389.

9- *Ansari N., Khodagholi F., Ramin MR., Amini M., **Irannejad H**., Dargahi L., Dehghani Amirabad A.*, Inhibition of LPS-induced apoptosis in differentiated-PC12 cells by new triazine derivatives through NF-kB-mediated suppression of COX-2. ***Neurochemistry International***, **2010**, 57(8), 958-968.

10- ***Irannejad H**., Amini M., Khodaghi F., Ansari N., Khoramian Tusi S., Sharifzadeh M., Shafiee A.*, Synthesis and In vitro Evaluation of Novel 1,2,4-Triazine Derivatives as Neuroprotective Agents. ***Bioorganic and Medicinal Chemistry***, **2010**, 18(12), 4224-4230.

* ***Thesis under my supervision*:**

1- "Synthesis of 5,6-Diaryl-1,2,4-triazine-3-ylthioacetic acid derivatives as cyclooxygenase inhibitors" Pharm.D thesis, 2013, finished.

2- "Preparation of Diaminedicarboxyplatinum (II) Functionalized Single-Wall Carbon Nanotube via Bingel Reaction" M.Sc thesis, finished.

3- "Synthesis and docking simulation study of 5,6-Diaryl-1,2,4-triazine-3-ylthioacetic acid derivatives as dual cyclooxygenase and 5-lipooxygenase inhibitors." Pharm. D thesis, finished

4- "Synthesis of 1,2,4-triazine substituted derivatives with ethylthioacetate side chain as potential antiinflammatory compounds". Pharm.D thesis, finished

5- "Determination of HHMA metabolite in Extacy tablets by HPLC". Pharm.D thesis, finished.

6- "Synthesis of alkylated 1-(5,6-Bis(4-chlorophenyl)1,2,4-triazine-3-ylthio)-3-(arylamino) propan-2-ol derivatives as neuroprotective compounds". Pharm.D thesis, In progress.