

Curriculum Vitae



Personal History

First Name: Alireza

Last Name: Aliabadi

Date of Birth: ۱۹۸۲

Place of Birth: Southern Khorasan, Birjand

Marital Status: Single

Office Tel: ۰۰۹۸-۸۳۱-۴۲۷۶۴۸۱

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Educational History

PhD course: ۲۰۰۶-۲۰۱۰, PhD of Medicinal Chemistry, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran.

PhD Thesis Topics: Synthesis and biological evaluation of γ -Phenylthiazole- ξ -carboxamide derivatives as apoptosis inducer via caspases pathway with potential anticancer activity.

PhD Thesis Supervisors: Pro. Dr. F. Shamsa, Pro. Dr. A. Foroumadi, Pro. Dr. S.N. Ostad

PhD Thesis Advisers: Dr J. Davoodi, Pro. Dr. A. Shafiee

PharmD course: ۲۰۰۰-۲۰۰۶, Pharmacy Doctorate (PharmD), Faculty of Pharmacy, Kerman University of Medical Sciences, Kerman, Iran.

PharmD Thesis Topics: Synthesis of γ, ϵ -thiadiazole derivatives as antitubercular agents.

PharmD Thesis Supervisors: Pro. A. Foroumadi and Dr. A. H. Ebrahimabadi.

Diploma: ۲۰۰۰, Experimental Sciences, Nemooneh Tarbiat High School, Birjand, Iran.

Professional History

Teaching History

- ۱- Teaching of medicinal chemistry, practical organic chemistry and practical instrumental analysis, Tehran, ۲۰۰۶-۲۰۱۰.

- ۲- Persian and English teaching of medicinal chemistry I, II and III, Kermanshah, Since ۲۰۰۹.
- ۳- Teaching of instrumental analysis(NMR, IR and MS spectroscopy), Kermanshah, Since ۲۰۱۱.
- ۴- Teaching of organic chemistry II (Heterocyclic chemistry), Kermanshah, Since ۲۰۱۱.
- ۵- Teaching of drug information, pharmacy practice and pharmacy internship, Kermanshah, Since ۲۰۰۹.
- ۶- Teaching of English for pharmacy students, Kermanshah, Since ۲۰۱۱.
- ۷- Teaching of medical terminology, Kermanshah, Since ۲۰۱۱.
- ۸- Teaching of pharmacology for paramedical students, Since ۲۰۱۲.

Practical Experiences

- ❖ Experiences and skills in organic pharmaceutical synthesis.
- ❖ Experiences in NMR, IR and MS spectra interpretation.
- ❖ Experiences in molecular modeling softwares related to drug design (MATLAB, Autodock, Arguslab, Molegro molecular viewer, Ligandscout, hyperchem, chemoffice, ligplot).
- ❖ Experiences in pharmacy practice and drug information counseling.

Academic Administrative Appointments

- **Assistant Professor** of Medicinal Chemistry, Department of Medicinal Chemistry, Faculty of Pharmacy, Kermanshah University of Medical Sciences, Iran, ۲۰۱۰-۲۰۱۴.
- **Associate Professor** of Medicinal Chemistry, Department of Medicinal Chemistry, Faculty of Pharmacy, Kermanshah University of Medical Sciences, Iran, Since ۲۰۱۵.

Executive Positions and Appointments

- ❖ Head of Department of Medicinal Chemistry, Faculty of Pharmacy, Kermanshah University of Medical Sciences, Iran, ۲۰۱۱-۲۰۱۳.
- ❖ Information Technology(IT) Manager, Faculty of Pharmacy, Kermanshah University of Medical Sciences, Iran, ۲۰۱۱-۲۰۱۲.
- ❖ Executive manager of the *Journal of Reports in Pharmaceutical Sciences*, ۲۰۱۱-۲۰۱۲.
- ❖ Administrator of Education Development Office (EDO) of the Faculty of Pharmacy, Kermanshah University of Medical Sciences, Iran, ۲۰۱۳-۲۰۱۴.
- ❖ Dean of the educational and servicing pharmacies of the faculty of pharmacy, ۲۰۱۳-۲۰۱۴.

Honors & Awards:

- ۱- First rank of the pharmacy basic sciences examination, March, ۲۰۰۳.

- ۲- Top student of the faculty of pharmacy, Kerman University of Medical Sciences, ۲۰۰۵.
- ۳- Elected as intelligent student of the Medical University of Kerman, ۲۰۰۵.
- ۴- First rank of the PhD entrance examination, March, ۲۰۰۶.
- ۵- First rank of the specialty board examination of medicinal chemistry, Tehran, January, ۲۰۰۹.
- ۶- Distinguished professor in education of the faculty of pharmacy, Kermanshah University of Medical Sciences, ۲۰۱۱.
- ۷- Distinguished researcher of the Kermanshah University of Medical Sciences, ۲۰۱۳.
- ۸- Distinguished researcher of the Kermanshah University of Medical Sciences, ۲۰۱۴.
- ۹- Distinguished professor in education of the Kermanshah University of Medical Sciences, ۲۰۱۵.

Publications:

Books:

- ۱- Physicians' Desk Reference, ۲۰۱۰.
- ۲- Drug information review (Antibiotics), March ۲۰۱۲.
- ۳- Drug information review (Cardiovascular & Respiratory agents), March ۲۰۱۲.
- ۴- Drug information review (Gastrointestinal & Hormonal agents), March ۲۰۱۲.
- ۵- Drug information review (Drugs affecting nervous system), under preparation.
- ۶- Drug information review (Anticancer & immunomodulator agents), under preparation.

Articles:

- ۱. Ahmad Mohammadi-Farani, TayebehBahrami, **Alireza Aliabadi***, Synthesis, docking and cytotoxicity evaluation of *N*-(*o*-(Benzylthio)-۱,۳,۴-thiadiazol-۲-yl)-۲-(۳-methoxyphenyl)acetamide derivatives as tyrosine kinase inhibitors with potential anticancer activity, *J. Rep. Pharm. Sci.* ۲۰۱۴, ۳(۲), ۱۵۹-۱۶۸.
- ۲. Ahmad Mohammadi-Farani, Samira SoltaniDarbandi, **Alireza Aliabadi***, Synthesis and acetylcholinesterase inhibitory evaluation of ϵ -(۱,۳-Dioxoisindolin-۲-yl)-*N*-phenylbenzamidederivatives as potential anti-alzheimer agents, *Iran. J. Pharm. Res.* ۲۰۱۴, in press.
- ۳. Ahmad Mohammadi-Farani, AlirezaForoumadi, MonirehRezvaniKashani, **Alireza Aliabadi***, *N*-Phenyl-۲-*p*-tolylthiazole-۴-carboxamide derivatives: Synthesis and cytotoxicity evaluation as anticancer agents, *Iran J. Basic. Med. Sci.* ۲۰۱۴, ۱۷:۵۰۲-۵۰۸.
- ۴. **Alireza Aliabadi***, BabakGholamine, TaherehKarimi, Synthesis and antiseizure evaluation of isoindoline-۱,۳-dionederivatives in mice, *Med. Chem. Res.*, ۲۰۱۴, ۲۳, ۲۷۳۶-۲۷۴۳.
- ۵. Hosseinzadeh L, Khorand A, **Aliabadi A***, Discovery of ۲-Phenyl-*N*-(*o*-(trifluoromethyl)-۱,۳,۴-thiadiazol-۲-yl)acetamide derivatives as apoptosis inducers via

- caspases pathway with potential anticancer activity, *Arch. Pharm. Chem.*, ۲۰۱۳, ۱۱ (۳۴۶), ۸۱۲-۸۱۸.
۶. Lari A, Karimi I, Adibi H, **Aliabadi A**, Firoozpour L, Foroumadi A, Synthesis and in vivo psychobiological evaluation of modafinil analogs, *Daru: Journal of Pharmaceutical Sciences*, ۲۰۱۳, ۲۱, ۶۷-۷۴.
 ۷. **Aliabadi A***, Foroumadi A, Safavi M, K. Ardestani S, Synthesis, cytotoxicity assessment and molecular docking of ξ -Substituted- ψ -*p*-tolylthiazole derivatives as probable c-Src and erb tyrosine kinase inhibitors. *Croat. Chem. Acta.* ۲۰۱۳, ۸۶(۳) ۲۴۵-۲۵۱.
 ۸. Foroumadi A, Mohammadi-Farani A, GarmsiriMahvar M, **Aliabadi***A, Synthesis and evaluation of anti-acetylcholinesterase activity of τ -(τ -(ξ -(τ -Oxo- τ -phenylethyl)piperazin- γ -yl)ethyl)isoindoline- γ , τ -dione derivatives with potential anti-Alzheimer effects. *Iran. J. Basic Med. Sci.* ۲۰۱۳, ۱۰(۱۶), ۱۰۴۹-۱۰۵۴.
 ۹. **Aliabadi A***, Eghbalian E, Kiani A, Synthesis and cytotoxicity evaluation of a series of γ , τ , ξ -thiadiazole based compounds as anticancer agents. *Iran. J. Basic Med. Sci.* ۲۰۱۳, ۱۱(۱۶), ۱۱۳۳-۱۱۳۸.
 ۱۰. Mohammadi-Farani A, Ahmadi A, Nadri H, **Aliabadi*** A, Synthesis, docking and acetylcholinesterase inhibitory assessment of ψ -(ψ -(ξ -Benzylpiperazin- γ -yl)ethyl)isoindoline- γ , τ -dione with potential anti-alzheimer effects. *Daru: J. Pharm.Sci.*, ۲۰۱۳, ۲۱, ۴۷-۵۵.
 ۱۱. Mojarrab M, Soltani R, **Aliabadi*** A, Pyridine based chalcones: Synthesis and evaluation of antioxidant activity of γ -Phenyl- τ -(pyridin- ψ -yl)prop- ψ -en- γ -one derivatives. *Jundishapur J. Nat. Pharm. Prod.* ۲۰۱۳, ۸(۳), ۱۲۵-۱۳۰.
 ۱۲. Mohammadi-Farani A, Heidarian N, **Aliabadi***A, *N*-(σ -Mercapto- γ , τ , ξ -thiadiazol- ψ -yl)- ψ -phenylacetamide derivatives: Synthesis and in vitro cytotoxicity evaluation as potential anticancer agents. *Iran. J. Pharm. Res.* ۲۰۱۴, ۱۲(۲), ۴۸۷-۴۹۲.
 ۱۳. Ahmadi F, Jahangard-Yekta S, Heidari-Moghadam A, **Aliabadi A**, Application of two-layer ONIOM for studying the interaction of *N*-substituted piperazinylfluoroquinolones with ds-DNA, *Comp. Theor. Chem.* ۲۰۱۳, ۱۰۰۶, ۹-۱۸.
 ۱۴. Adibi H, Foroumadi A, Heidari O, **Aliabadi A**, KabudanianArdestani S, Synthesis and *in vitro* anti-leishmanial activity evaluation of γ -(σ -halo- τ -thienyl)- τ -[σ -(σ -nitroheteroaryl)]- γ , τ , ξ -thiadiazol- γ lthio)ethanone derivatives, *J. Rep. Pharm. Sci.*, ۲۰۱۲, ۱(۲), ۷۳-۷۸.
 ۱۵. **Aliabadi A***, Hasanvand Z, Kiani A, Mirabdali SS, Synthesis and *in vitro* cytotoxicity assessment of *N*-(σ -(Benzylthio)- γ , τ , ξ -thiadiazol- ψ -yl)- ψ -(ξ -(trifluoromethyl)phenyl)acetamide with potential anticancer activity, *Iran. J. Pharm. Res.*, ۲۰۱۳, ۱۲(۴), ۶۸۷-۶۹۳.
 ۱۶. **Aliabadi A***, Andisheh S, Tyarani-Najaran Z, Tayarani-Najaran M, ψ -(ξ -Fluorophenyl)-*N*-phenylacetamide derivatives as anticancer agents: synthesis and *in vitro* cytotoxicity evaluation, *Iran. J. Pharm. Res.* ۲۰۱۳, ۱۲(۳), ۲۶۷-۲۷۱.

۱۷. **Aliabadi A***, Mosharafi F, Tayarani-Najaran Z, Synthesis and cytotoxicity assessment of γ -(ξ -Fluorophenyl)-*N*-halophenylacetamide derivatives as anticancer agents, *J. Rep. Pharm. Sci.*, ۲۰۱۲, ۱(۲), ۵۹-۶۴.
۱۸. NazariTarhan H, Hosseinzadeh L, **Aliabadi A**, BabakGholamine, Foroumadi A, Cytotoxic and apoptogenic properties of γ -phenylthiazole- ξ -carboxamide derivatives in human carcinoma cell lines, *J. Rep. Pharm. Sci.* ۲۰۱۲, ۱-۷.
۱۹. **Aliabadi A***, Foroumadi A, Safavi M, KaboudianArdestani S, Synthesis, molecular docking and cytotoxicity evaluation of γ -(ξ -substituted-benzyl)isoindoline- γ , γ -dione derivatives as anticancer agents, *J. Rep. Pharm. Sci.* ۲۰۱۲, ۱۹-۲۲.
۲۰. **Aliabadi A**, Shamsa F, Ostad SN, Emami S, Shafiee A, Davoodi J, *et al.* Synthesis and biological evaluation of γ -Phenylthiazole- ξ -carboxamide derivatives as anticancer agents. *Eur. J. Med. Chem.* ۲۰۱۰, ۱۱, ۵۳۸۴-۵۳۸۹.
۲۱. Mahmoodi M, **Aliabadi A**, Emami S, Safavi M, Rjabalian S, Mohagheghi MA, *et al.* Synthesis and *in-vitro* cytotoxicity of poly-functionalized ξ -(γ -arylthiazole- ξ -yl)- ξ -*H*-chromenes. *Arch. Pharm. Chem.* ۲۰۱۰, ۳۴۳, ۴۱۱-۴۱۶.
۲۲. PiraliHamedani M, Shafiee A, **Aliabadi A**, Shekarchi M, Amini M. Rouini MR, *et al.* A convenient method for the preparation of losartan active metabolite (EXP-۳۱۷۴). *Chem. Asian J.* ۲۰۰۹, ۶, ۴۹۰۹-۴۹۱۳.
۲۳. Letafat B, Emami S, **Aliabadi A**, MohammadhosseiniN, Moshafi MH, Asadipour A, *et al.* Synthesis and in vitro antibacterial activity of ρ -substituted γ -Methyl- ξ -nitro- γ -*H*-imidazoles. *Arch. Pharm. Chem.* ۲۰۰۸, ۳۴۱, ۴۹۷-۵۰۱.

Thesis Supervisor (PharmD):

۱. **ArashHaqiqi**, Synthesis, biological evaluation and molecular docking of γ -(γ , γ -Dioxo- γ -*H*-benzo[de]isoquinolin- γ (γ *H*)-yl)-*N*-phenylacetamide derivatives as probable lipoxygenase inhibitors with potential anticancer effects.
۲. **ArashNazarpour**, Synthesis, cytotoxicity evaluation and docking of γ -(ρ -(γ , γ -Dioxoisoindolin- γ -yl)- γ , ξ -thiadiazol- γ -ylthio)-*N*-phenylacetamide derivatives as probable lipoxygenase inhibitors with potential anticancer effects.
۳. **ElhamTaheri**, Synthesis and antiseizure evaluation of (*Z*)- γ -(γ -Oxoindolin- γ -ylideneamino)-*N*-phenylacetamide derivatives in mice.
۴. **Mohammad JavadAhmadvand**, Synthesis, docking and acetylcholinesterase inhibitory evaluation of (*E*)- γ -(ξ -(diethylamino)phenyl)- γ -phenylprop- γ -en- γ -one derivatives with probable anti-alzheimer effects.
۵. **JinooYosefbeigi**, Synthesis and cytotoxicity evaluation of γ -Phenyl- γ -*H*-benzo[de]isoquinoline- γ , γ (γ *H*)-dione derivatives as apoptosis inducers with probable anticancer effects.

۶. **MohammadrezaTaleb**, Synthesis and antiseizure evaluation of γ -(۱,۳-Dioxoisindolin-۲-yl)-*N*-(۲-oxo-۲-phenylethyl)acetamide derivatives in mice.
۷. **MiladQazvineh**, Synthesis and cytotoxicity evaluation of *N*-(۶-(۴-chlorophenyl)-۴-(pyridin-۲-yl)-۵,۶-dihydro-۲*H*-۱,۳-thiazin-۲-yl)benzamide derivatives as apoptosis inducers with potential anticancer effects.
۸. **Aram Faraji**, Synthesis, acetylcholinesterase inhibitory evaluation and docking of γ -(۲-(۴-Benzylpiperazin-۱-yl)ethyl)-۱*H*-benzo[*de*]isoquinoline-۱,۳(۲*H*)-dione derivatives with potential anti-alzheimer effects.
۹. **JavadRezaei**, Synthesis, acetylcholinesterase inhibitory evaluation and molecular modeling of *N*-(۲-(۴-Benzylpiperazin-۱-yl)ethyl)benzamide derivatives with probable anti-alzheimer effects.
۱۰. **ZeinabHosseinzadeh**, Synthesis, cytotoxicity evaluation and molecular docking of *N*-(۵-(benzylthio)-۱,۳,۴-thiadiazol-۲-yl)-۲-(۱,۳-dioxoisindolin-۲-yl)acetamide derivatives as probable lipoxygenase inhibitors with potential anticancer effects.
۱۱. **Maryam Azizi**, Design, synthesis, cytotoxicity evaluation and study of ligand-receptor interaction of *N*-(۵-(Benzylthio)-۴*H*-۱,۲,۴-triazol-۳-yl)-۴-fluorobenzamide derivatives as tyrosine kinase inhibitor with potential anticancer effects.
۱۲. **TayebeBahrami**, Design, synthesis, cytotoxicity evaluation and study of ligand-enzyme interactions of *N*-(۵-(Benzylthio)-۴*H*-۱,۲,۴-triazol-۳-yl)-۴-methoxybenzamide derivatives as tyrosine kinase inhibitor with potential anticancer effects.
۱۳. **SaharRoodabeh**, Synthesis, cytotoxicity evaluation and *in silico* binding mode study of *N*-(۵-(۲-(۳-Morpholinopropylamino)-۲-oxoethylthio)-۱,۳,۴-thiadiazol-۲-yl)benzamide derivatives as lipoxygenase inhibitor with potential anticancer activity.
۱۴. **ZeinabMohebi**, Synthesis, acetylcholinesterase inhibitory evaluation and molecular modeling of γ -(۲-(۴-(۲-phenylacetyl)piperazin-۱-yl)ethyl)isoindoline-۱,۳-dione derivatives with probable anti-alzheimer effects.
۱۵. **HadisFooladi**, Synthesis, cytotoxicity evaluation and ligand-receptor interaction study of ۴-Fluoro-*N*-(۵-(۲-oxo-۲-(phenylamino)ethylthio)-۱,۳,۴-thiadiazol-۲-yl)benzamide derivatives as lipoxygenase inhibitor with potential anticancer effects.
۱۶. **Said Seydi**, Synthesis, biological evaluation and molecular docking of γ -(۱,۳-Dioxoisindolin-۲-yl)-*N*-phenylacetamide derivatives as probable lipoxygenase inhibitors with potential anticancer effects.
۱۷. **NedaHeidarian**, Synthesis and cytotoxicity evaluation of *N*-(۵-Mercapto-۱,۳,۴-thiadiazol-۲-yl)-۲-phenylacetamide derivatives as anticancer agents.

۱۸. **YazdanBahmani**, Synthesis, biological assessment and molecular study using docking method of *N*-(*o*-(Nitrobenzylthio)-۱,۳,۴-thiadiazole-۲-yl)-۲-*p*-fluorophenylacetamide derivatives as anticancer agents.
۱۹. **Ali Asgari**, Synthesis, cytotoxicity evaluation and drug-receptor interactions study using docking method of *N*-(*o*-(benzylthio)-۱,۳,۴-thiadiazole-۲-yl)-۲-*p*-chlorophenylacetamide derivatives with potential anticancer effects.
۲۰. **SajadAndisheh**, Synthesis and cytotoxicity evaluation of ۲-(*ε*-Fluorophenyl)-*N*-nitrophenylacetamide derivatives with potential anticancer activity.
۲۱. **FariborzMosharafi**, Synthesis and biological evaluation of ۲-(*ε*-Fluorophenyl)-*N*-halophenylacetamide derivatives as apoptosis inducers with probable antineoplastic effects.
۲۲. **ZamanHasanvand**, Synthesis, cytotoxicity evaluation and drug-receptor interactions study using docking method of *N*-(*o*-(benzylthio)-۱,۳,۴-thiadiazole-۲-yl)-۲-*p*-trifluoromethyl phenylacetamide derivatives with potential anticancer effects.
۲۳. **ElhamEghbalian**, Design, synthesis and cytotoxicity evaluation of *N*-(*o*-(Benzylthio)-۱,۳,۴-thiadiazol-۲-yl)-۲-(*ε*-methoxyphenyl)acetamide derivatives as probable tyrosine kinase inhibitors with potential anticancer effects.
۲۴. **RezvanFereidooni**, Design, synthesis and cytotoxicity evaluation of *N*-(*o*-(halobenzylthio)-۱,۳,۴-thiadiazole-۲-yl)-۲-*p*-nitrophenylacetamide derivatives as probable tyrosine kinase inhibitors with potential anticancer effects.
۲۵. **PayamMoradi**, Synthesis, biological evaluation and molecular modeling by docking method of *N*-(*o*-(nitrobenzylthio)-۱,۳,۴-thiadiazole-۲-yl)-*p*-bromobenzylamide derivatives as anticancer agents.
۲۶. **HojatHarsamiNik**, Synthesis and biological evaluation of *N*-(*o*-(Trifluoromethyl)-۱,۳,۴-thiadiazol-۲-yl)fluorobenzamide and benzothioamide derivatives with potential anticancer activity.
۲۷. **Nazanin-Sadat Afnanzadeh**, Synthesis and cytotoxicity evaluation of *N*-(*o*-(Trifluoromethyl)-۱,۳,۴-thiadiazol-۲-yl)nitrobenzamide and benzothioamide derivatives with probable anticancer activity.

ThesisAdvisor(PharmD):

۱. **SemkoNikray**, Synthesis and cytotoxicity evaluation of *N*-(*o*-(*ε*-chlorophenyl)thiazol-۲-yl)-۲-(۲-phenylacetamide derivatives with potential anticancer effects.

۲. **ParsaNaderi**, Synthesis and biological evaluation of ϵ -(۱,۳-Dioxo-۱*H*-benzo[*de*]isoquinolin-۲(۳*H*)-yl)-*N*-phenylbenzamide derivatives as apoptosis inducers.
۳. **DaryoushMirzaie**, Synthesis and antiseizure evaluation of (*Z*)-۳-(phenylimino)indolin-۲-one derivatives in mice.
۴. **ArefMoradi**, Synthesis and antiseizure evaluation of (*Z*)- ϵ -(۲-Oxoindolin-۳-ylideneamino)-*N*-phenylbenzamide in mice.
۵. **HamidGhorbani**, Synthesis, molecular modeling and acetylcholinesterase inhibitory assessment of ۳-(۲-(ϵ -benzoylpiperazin-۱-yl)ethylimino)indolin-۲-one with potential anti-alzheimer effects.
۶. **Ali Veisi**, Synthesis and evaluation of cytotoxic effects of some new ۳-(Δ -mercapto-۱,۳,۴-thiadiazol-۲-yl)-quinazolin-۴(۳*H*)-one derivatives.
۷. **MohsenMoradikhah**, Synthesis, Docking and evaluation of acetylcholinesterase inhibitory effects of ۳-(۲-(ϵ -benzylpiperazin-۱-yl)ethyl)-quinazolin- ϵ (۳*H*)-one derivatives with potential anti-Alzheimer activity.
۸. **PooriaBarazesh**, Evaluation of cytotoxicity and apoptosis inducing effects of *N*-(δ -Mercapto-۱,۳, ϵ -thiadiazol-۲-yl)-۲-phenylacetamide derivatives as caspase enzymes activator.
۹. **Mohammad HosseinShafie**, Evaluation of cytotoxicity and apoptosis inducing effects of ۱,۳, ϵ -thiadiazole derivatives as caspase enzymes activator.
۱۰. **RoozbehSoltani**, Preparation and evaluation of antioxidant activity of ۱-Phenyl-۳-(pyridin-۲-yl)prop-۲-en-۱-one derivatives.
۱۱. **Aram Ahmadi**, Synthesis, molecular modeling and acetylcholinesterase inhibitory assessment of ۲-(۲-(ϵ -benzylpiperazin-۱-yl)ethyl)isoindoline-۱,۳-dione with potential anti-alzheimer effects.
۱۲. **ElhamMohamadinezhad**, Synthesis, molecular docking and histone deacetylase inhibitory evaluation of ۲-(ϵ -(Benzyloxy)phenyl)-*N*-hydroxyacetamide derivatives as potential anticancer agents.
۱۳. **MonirehRezvaniKashani**, Synthesis and cytotoxicity evaluation of *N*-phenyl-۲-*p*-tolylthiazole- ϵ -carboxamide derivatives as anticancer agents.
۱۴. **Mehdi GarmsiriMahvar**, Synthesis, docking and evaluation of anti-acetylcholinesterase activity of ۲-(۲-(ϵ -(۲-Oxo-۲-phenylethyl)piperazin-۱-yl)ethyl)isoindoline-۱,۳-dione derivatives with potential anti-alzheimer effects.
۱۵. **Samira SoltaniDarbandi**, Synthesis, molecular docking and acetylcholinesterase inhibitory evaluation of ϵ -(۱,۳-Dioxoisoindolin-۲-yl)-*N*-phenylbenzamide derivatives as potential anti-alzheimer agents.

۱۶. **AmanjKhorand**, Synthesis and cytotoxicity evaluation of γ -Phenyl-*N*-(*o*-(trifluoromethyl)-۱,۳,۴-thiadiazol-۲-yl)acetamide derivatives as apoptosis inducers with potential anticancer effects.
۱۷. **NasibehAbdi**, Preparation, acetylcholinesterase inhibitory evaluation and molecular modeling of γ -(۲-(۴-benzoylpiperazin-۱-yl)ethyl)isoindoline-۱,۳-dione derivatives with probable anti-alzheimer effects.
۱۸. **TaherehKarimi**, Preparation and antiseizure evaluation of Isoindoline-۱,۳-dione derivatives in mice.
۱۹. **Hamid Jahandoust**, Synthesis and antiseizure evaluation of γ -Benzylisoindoline-۱,۳-dione derivatives.
۲۰. **ArezuLari**, Synthesis and evaluation of new *N*-Aryl modafinil derivatives on vigilance level in albino mouse.
۲۱. **OmidHeidari**, Synthesis and in vitro anti-leishmanial activity evaluation of ۱-(*o*-Halo-۲-thienyl)-۲-[*o*-(*o*-nitroheteroaryl)]-۱,۳,۴-thiadiazole-۲-ylthio)ethanone.
۲۲. **HanifehNazari**, The effect of γ -Phenylthiazole-۴-carboxamide derivatives on effector caspase-۳ in T۴۷D and HT-۲۹ carcinoma cell lines.
۲۳. **SajadJahangardYekta**, The *in vitro* study of interaction of *N*-substituted piperazinylfluoroquinolones with DNA by molecular modeling using DFT theory voltametric and spectroscopic methods.
۲۴. **NedaEbrahimiDishabi**, The *in vitro* investigation of ofloxacin-Zn and ofloxacin-Pd complexes on cancer cells and defining a DNA-interaction model.
۲۵. **Mohammad Reza SaberKari**, The evaluation of effects of antibacterial, cytotoxicity and in vitro study interaction of Zn-Norfloxacin, Co-Norfloxacin and Pd-Norfloxacin complexes with DNA.
۲۶. **AminehShakeri**, Preparation, and physicochemical characterization of glucosamine conjugated PLGA nanoparticles for targeted delivery of nystatin against *Candida albicans*.
۲۷. **MansoorehGhiasy**, Preparation, physicochemical characterization and cytotoxicity evaluation of prazosin conjugated PLGA nanoparticle for targeted delivery of flutamide to PC۳ prostate cancer cells.
۲۸. **MostafaFathian**, Preparation and physicochemical characterization of galactose conjugated PLGA nanoparticles for targeted delivery of amphotericin B against *Candida albicans*.

Congress Attendance and Presentation:

۱. **Alireza Aliabadi**, Synthesis of ۱,۳,۴-thiadiazole derivatives as antitubercular agents, ۱۰th Iranian Pharmacy Students Seminar (IPSS ۱۰), October ۲۰۰۳, Mashhad, Iran.

۲. HojatHarasamiNeek, **Alireza Aliabadi**, Synthesis and biological evaluation of *N*-(σ -(Trifluoromethyl)- γ , δ , ϵ -thiadiazol- γ -yl)fluorobenzamide and benzothioamide derivatives with potential anticancer activity, **۱۶thIranian Pharmacy Students Seminar**(IPSS ۱۶), October ۲۰۱۱, Tehran, Iran.
۳. Nazanin Sadat Afnozadeh, **Alireza Aliabadi**, Synthesis and cytotoxicity evaluation of *N*-(σ -(Trifluoromethyl)- γ , δ , ϵ -thiadiazol- γ -yl)nitrobenzamide and benzothioamide derivatives with probable anticancer activity, **۱۶thIranian Pharmacy Students Seminar**(IPSS ۱۶), October ۲۰۱۱, Tehran, Iran.
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23. Daryoush Mirzaei, Marzieh Rahmani, Alireza Aliabadi, Ahmad Mohammadi-Farani, Synthesis and antiseizure evaluation of (*Z*)- γ -(phenylimino)indolin- γ -one derivatives in mic. 1st Iranian Pharmacy Students Seminar (IPSS 14), October 2014, Tabriz, Iran.
24. Aram Farji, Alireza Aliabadi, Ahmad Mohammadi-Farani, Synthesis, acetylcholinesterase inhibitory evaluation and docking of γ -(γ -(ϵ -Benzylpiperazin- λ -yl)ethyl)- λ -*H*-benzo[*de*]isoquinoline- λ , ρ (γ *H*)-dione derivatives with potential anti-alzheimer effects. October 2014, Sari, Iran.
25. Javad Rezaei, Ahmad Mohammadi-Farani, Alireza Aliabadi, Synthesis, acetylcholinesterase inhibitory evaluation and molecular modeling of *N*-(γ -(ϵ -Benzylpiperazin- λ -yl)ethyl)benzamide derivatives with probable anti-alzheimer effects. October 2014, Sari, Iran.

Reviewer of:

Journal:

1. Medicinal Chemistry Research
2. Daru: Journal of Pharmaceutical Sciences
3. Iranian Journal of Pharmaceutical Research (IJPR)
4. Iranian Journal of Basic Medical Sciences (IJBMS)
5. Journal of Reports in Pharmaceutical Sciences (JRPS)
6. Archiv der Pharmazie

Seminar:

1. 1st Iranian Pharmacy Students Seminar (IPSS 14), February 2014, Ahvaz, Iran.
2. 1st Iranian Pharmacy Students Seminar (IPSS 15), October 2014, Kerman, Iran.
3. 1st Iranian Pharmacy Students Seminar (IPSS 16), October 2014, Tehran, Iran.
4. 1st Medical Students Seminar of Kermanshah University of Medical Sciences, February 2014, Kermanshah, Iran.

۵. ۱۷th Iranian Pharmacy Students Seminar(IPSS۱۷), November ۲۰۱۲, Kermanshah, Iran.
۶. ۲nd Medical Students Seminar of Kermanshah University of Medical Sciences, February ۲۰۱۴, Kermanshah, Iran.
۷. ۱۸th Iranian Pharmacy Students Seminar(IPSS۱۸), November ۲۰۱۴, Kermanshah, Iran.

Committees and Councils Membership:

Member of the Medical Council of Iran.

Iranian Association of Pharmaceutical Scientists (IAPS)

Scientific Interests and Goals:

Computational chemistry and molecular modeling(QSAR & Docking), drug design and organic pharmaceutical synthesis of anticancer(apoptosis inducers, caspase activators, tyrosine kinase inhibitors, lipoxygenase inhibitors), anti-alzheimer,anticovulsants and antimicrobial agents.

Language Skills:

English,Germany