

Curriculum Vitae



Mehrdad Faizi: Pharm. D., Ph. D.

Professor

Department of Pharmacology and Toxicology

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Education:

2007-2008 Post-Doctoral Scholar in Neuropharmacology, Department of Neurology and Neurological Sciences, Stanford School of Medicine, Stanford University, USA.

1997 -2003 PhD in Pharmacology, Iran University of Medical Sciences, Tehran, Iran
Thesis: Electrophysiological and pharmacological studies of two novel calcium channel blockers, mebudipine and dibudipine

1982-1988 Pharm. D. (Doctor of Pharmacy), Tehran University, Tehran, Iran
Thesis: Study of different concentrations of lead on the effects of clonidine on isolated ileum of guinea pig

Employment History:

2020-Present Head of Department of Pharmacology and Toxicology, School of Pharmacy, Shahid Beheshti University of Medical Sciences

2016-Present Professor, Department of Pharmacology and Toxicology, School of Pharmacy, Shahid Beheshti University of Medical Sciences

2011-2016 Associate Professor, Department of Pharmacology and Toxicology, School of Pharmacy, Shahid Beheshti University of Medical Sciences

2008- 2010 Life Science Research Scientist, Stanford Behavioral and Functional Neuroscience Laboratory (SBFNL), Stanford University School of Medicine

- 2007** Visiting Assistant Professor (Visiting Researcher), Department of Neurology and Neurological Sciences, Stanford University School of Medicine
- 2003– 2006** Assistant Professor, Department of Pharmacology and Toxicology, School of Pharmacy, SBUMS
- 1991– 2007** Faculty member (Instructor), Department of Pharmacology and Toxicology, School of Pharmacy, SBUMS
- 1986-1990** Scientific expert and consultant of Darou-Pakhsh Pharmaceutical Company, Tehran, Iran

Expertise in Laboratory Techniques:

In vivo pharmacological models for advanced drug discovery research in the field of neurodegenerative disorders, pain, inflammation, epilepsy, schizophrenia, depression, anxiety, and stroke; expert in running behavioral learning and memory tasks such as Fear conditioning, Conditional palace preference, Novel object recognition, Barnes Maze, T-Maze, Active avoidance, Morris water maze, Social memory and social interaction tests, and Passive avoidance test

Transgenic mouse models of neurological disorders, including Alzheimer’s disease, Down Syndrome, Huntington’s Disease, and Autism (phenotyping, pharmacological studies, breeding, and cross breeding with different transgenic lines)

Immuno-cytochemical and histochemical (e.g. Timm’s staining and silver staining) methods using light and fluorescent microscopes

Image analysis as well as stereological techniques (e.g. Image pro-Plus and Stereologer Programs)

Electrophysiological studies of ion channels, e.g. intra-cellular recording using voltage clamp and current clamp techniques

Molecular biology techniques, including but not limited to PCR and QPCR, western blot, and northern blot

Use of anesthetics and surgical techniques in rodents, i.e. stereotaxic brain injection and cannulation, as well as brain surgery and vascular manipulations

Design and execution of oral bioavailability and bioequivalence studies of drugs (beta-blockers, calcium channel blockers, H₂-blockers, and anticonvulsants) in human subjects as well as laboratory animals

Awards and Honors:

- 20013:** Annual Award for the Best Instructor, Shahid Beheshti University of Medical Sciences

- 2007:** Visiting Assistant Professor at Neuroscience Institute of Stanford University for one year
- 2005:** Guest Scientist for Research at the Department of Pharmacology and Toxicology, University of Vienna, Austria (3 months; focused on electrophysiology)
- 1997-2004:** Travel Grants
- Numerous travel grants from the Research Council of Shahid Beheshti University of Medical Sciences to attend international conferences. These awards were received in 1997 (Denmark), 1998 (the Netherlands), 1999 and 2000 (the United Kingdom), 2001 (Singapore), 2003 (Australia), 2004 (Italy), 2007 (United States).
- 1998:** Young Investigator Award from International Alzheimer Association, “6th International Conference on Alzheimer’s Disease and Related Disorders, 18-23, July 1998, Amsterdam, The Netherlands”
- 1991:** Book of the Year of Iran in the medical field
- While employed at Darou Pakhsh, I was a member of the editorial board of the comprehensive drug information book, *Drug Information and Clinical Application of Generic Drugs, 4th edition.*, This book was published by the Department of Scientific Studies, Darou Pakhsh Pharmaceutical Company, Tehran, Iran. In 1991 this book was selected as the book of the year in Iran, in the category of medical books. The editorial board was honored with an award and a monetary prize from the President of Iran.
- 1983-1988:** Dean listed student for 5 consecutive years during studying at School of Pharmacy

Research Grants

Research grant from National Institute for Medical Research Development: “Novel agonists of benzodiazepine receptors: Design, synthesis, binding assay and pharmacological evaluation of 4,6-diphenylpyrimidin-2-ol derivatives” (2019).

Research grant from National Institute for Medical Research Development: “Binding assay and pharmacological evaluation of diphenyl-1,3,4-oxadiazol derivatives as novel agonists of benzodiazepine receptors” (2018).

Research grant from Deputy of Research, SBUMS: “Experimental studies on the antidepressant effects of *Artemisia dracunculus*, *Stachys lavandulifolia*, and *Avena sativa* by using animal models” (2016).

Research grant from Deputy of Research, SBUMS: “Evaluation of the anticonvulsant, sedative-hypnotic and memory loss effects of novel thiazolidinon derivatives in animal models” (2015).

Research grant from Protein Technology Research Center (PTRC): “Evaluation of the effect of morphine reward on protein levels of TRPV1 and CB1 receptors in rat hippocampus” (2014).

Research grant from Deputy of Research, SBUMS: “Evaluation of *Nepeta menthoides* ethanolic extract on learning and memory using experimental models” (August 2012).

Research grant from Traditional Medicine & Materia Medica Research Center, SBUMS: “Evaluation of anti-depressant effects of *Cuscuta epiyhymum* extract in male mice” (September 2011).

Research grant from Pharmaceutical Sciences Research Center, SBUMS: “Evaluation of anticonvulsant effects of essential oil and methanolic extract of *Foeniculum vulgare* fruit in mice using pentylen tetrazole and maximal electroshock models” (April 2011).

Research grant from Pharmaceutical Sciences Research Center, SBUMS: “Synthesis of imipramine dimmer with quarterner nitrogen and evaluation of its anti-cholinergic effects” (January 2004).

Research grant from Deputy of Research, SBUMS: “Synthesis of novel 2-benzimidazol dihydropyridine derivatives and evaluation of their effects on activity of calcium channels” (2004).

Research grant from Pharmaceutical Sciences Research Center, SBUMS: “Design and synthesis of novel 5-[2-(benzyloxy)phenyl]-1,3,4-oxadiazole derivatives and evaluation of their anticonvulsant activity in mice using pentylen tetrazole and maximal electroshock models” (January 2005).

Research grant from Deputy of Research, SBUMS: “Evaluation of anticonvulsant effects of novel 5-[chloro-2-(2-chlorophenoxy) phenyl]-1,3,4-oxadiazole derivatives in male mice using pentylen tetrazole and maximal electroshock models” (April 2003).

Research grant from Deputy of Research, SBUMS: “Evaluation of HPLC in detection of anabolic steroids in athlete’s urine” (1999).

Research grant from Deputy of Research, SBUMS: “Comparative bioequivalence of Iranian manufactured propranolol versus Inderal” (1999).

Fellowships and Workshops:

- 2005** Three months fellowship in Department of Pharmacology, University of Vienna, Austria, as visiting scientist (focused on electrophysiology)
- 2004** Workshop in Application of HPLC in analysis of drugs in biological fluids, SBUMS, Tehran, Iran.
- 2002** Workshop of Rational Use of Drugs in Geriatrics, SBUMS, Tehran, Iran.

Memberships and Academic Services:

- Member of Editorial Board of *Iranian Journal of Pharmaceutical Research* (2015 to present)
- Member of Editorial Board of *Iranian Journal of Pharmaceutical Sciences* (2014 to present)
- Member of Editorial Board of *Journal of Cellular & Molecular Anesthesia* (2016 to present)

Member of the Research Council, Pharmaceutical Sciences Research Center, SBUMS (2013 to present)

Member of EDO, School of Pharmacy, SBUMS (2011 to present)

Member of Executive Committee of *Iranian Journal of Pharmaceutical Research* (2004 to 2007)

Member of Research Council School of Pharmacy, SBUMS (2003 to 2006 and 2011 to present)

Member of Research Council, Traditional Medicine and Materia Medica Research Center (2012 to present)

Member of Society for Neuroscience, Washington DC (2008 to 2010)

Member of Iranian Society of Physiology and Pharmacology (1998 to present)

Member of Iranian Association of Pharmaceutical Scientists (2003 to present)

International Patent:

- 1) Method for enhancing learning and memory impaired by neurodegenerative disorders and compounds and compositions for affecting the same.

US Patent Number: 9072746 B2

Document Identifier Number: US 20130096126 A1

Filed: April 22, 2011

Issued: July 7, 2015

Assignee: The Board of Trustees of The Leland Stanford Junior University

Foreign Patent Number: WO 98/09523

Inventors: Shamloo M, **Faizi M**, Mobley W.

Peer-Reviewed Publications:

- 1) Kamranfar F, Pourahmad Jaktaji R, Shirani K, Jamshidi A, Samiei F, Arjmand A, Khoramjouy M, **Faizi M**, Pourahmad J; Protective effect of a standardized *Allium jesdianum* extract in an Alzheimer's disease induced rat model. *Neuroscience Letter* 2023 Oct 15;815:137491. Doi: 10.1016/j.neulet.2023.137491
- 2) Arjmand A, **Faizi M**, Rezaei M, Pourahmad J; The Effect of Donor Rat Gender in Mitochondrial Transplantation Therapy of Cisplatin-Induced Toxicity on Rat Renal Proximal Tubular Cells. *Iranian Journal of Pharmaceutical Research* 2023, 22(1),e135666.
- 3) Ghorbannia-Dellavar S, Farimani MM, Pahlevani AH, Khoramjouy M, Mosaddegh M, **Faizi M**; Antinociceptive activity of Iranian Euphorbia species in mice: Preliminary phytochemical analysis of *Euphorbia malleata*. *South African Journal of Botany* 2023, 159:532-543.

- 4) Talebi M, Khoramjouy M, Feizi A, Ayatollahi SA, **Faizi M**; Novel multi-target therapeutic potential of the genus *Inula*: Advances and opportunities for neuroprotection. *Pharmacological Research - Modern Chinese Medicine* 2023, 7,100263.
- 5) Bayanati M, Khoramjouy M, **Faizi M**, Mahboubi-Rabbani M, Zarghi A; Novel Benzo[4,5]imidazo[1,2-a]pyrimidine derivatives as selective Cyclooxygenase-2 Inhibitors: Design, synthesis, docking studies, and biological evaluation. *Medicinal Chemistry Research* 2023, 32(3): 495-505.
- 6) Khosrowpour Z, Fahimi S, Jafari F, Tansaz M, Sahranavard S, **Faizi M**; Beneficial effects of *Teucrium polium* hydroalcoholic extract on letrozole-induced polycystic ovary syndrome in rat model. *Obstetrics and Gynecology Science* 2023, 66(2): 107-117.
- 7) Rezaee E, Ahmadi F, Shabaninia M, Khoramjouy M, Azizi Farsani Z , Shahhosseini S, Tabatabai SA, **Faizi M**; Novel 2-substituted-5-(4-chloro-2-phenoxy)phenyl-1,3,4oxadiazole derivatives, ligands of gabaa/benzodiazepine receptor complex: design, synthesis, radioligand binding assay, and pharmacological evaluation. *EXCLI Journal* 2023, 22: 250-262.
- 8) Mohebichamkhorami F, **Faizi M**; Mahmoudifard M, Hajikarim-Hamedani A, Mohseni S, Heidari A, Ghane Y, Khoramjouy M, Khayati M, Ghasemi R, Zali H, Hosseinzadeh S, Mostafavi E. Microfluidic Synthesis of Ultrasmall Chitosan/Graphene Quantum Dots Particles for Intranasal Delivery in Alzheimer's Disease Treatment. *Small* 2023, 19: 2207626. <https://doi.org/10.1002/sml.202207626>.
- 9) Pourhadi M, Niknam Z, Ghasemi R, Zomorrod MS, Niazi V, **Faizi M**, Zali H, Mojab F; *Cuscuta epithymum* Murr. crude extract pre-conditioning inhibits cell apoptosis in glutamate-induced cytotoxic condition. *BMC Complementary Medicine and Therapies* 2022, 22:335
- 10) Nasiri A, Mokhtari S, Daraei B, (...), **Faizi M**, Kobarfard F; A Neglected Challenge in the Analysis of Active Pharmaceutical Substances with Aldehyde Functional Group in Aqueous Matrices. *Iranian Journal of Pharmaceutical Research* 2022, 21(1), e127036.
- 11) Khoramjouy M, Bayanati M, Noori S, **Faizi M**, Zarghi A; Effects of *Ziziphus Jujuba* Extract Alone and Combined with *Boswellia serrata* Extract on Monosodium Iodoacetate Model of Osteoarthritis in Mice. *Iranian Journal of Pharmaceutical Research* 2022, 21(1), e134338.
- 12) Jahani R, van Ruth S, Weesepeel Y, **Faizi M**, Nasiri A, Yazdanpanah, H; Comparison of Portable and Benchtop Near-Infrared Spectrometers for the Detection of Citric Acid-adulterated Lime Juice: A Chemometrics Approach. *Iranian Journal of Pharmaceutical Research* 2022, 21(1), e128372.
- 13) Mohebichamkhorami F, Niknam Z, Khoramjouy M, Heidarli E, Ghasemi R, Hosseinzadeh S, Mohseni S, Hajikarim-Hamedani A, Heidari A, Ghane Y, Mahmoudifard M, Zali H, **Faizi M**; Brain Homogenate of a Rat Model of Alzheimer Disease Modifies the Secretome of 3D Cultured Periodontal Ligament Stem Cells: A Potential Neuroregenerative Therapy. *Iranian Journal of Pharmaceutical Research* 2022, 21(1),e133668.
- 14) Nasiri A, Mokhtari S, Jahani R, **Faizi M**, Kobarfard F; Challenges for the determination of spiramycin in aqueous matrices using LC-MS/MS: evidence for the solvent intrusion on the molecule integrity. *RSC Advances* 2022, 12(27): 17096-17103.
- 15) Khosrowpour Z, Fahimi S, **Faizi M**, Tansaz M, Sahranavard S; Evaluation of Formulated Herbal Syrup (Containing Fennel, Anise, and Celery) on the Letrozole-Induced Polycystic Ovary Syndrome Model. *Jundishapur Journal of Natural Pharmaceutical Products* 2022, 17(2),e120814.

- 16) Almasirad A, Ghadimi M, Mirahmadi S, Tabatabai SA, **Faizi M**; Design, synthesis, and preliminary pharmacological evaluation of novel thiazolidinone derivatives as potential benzodiazepine agonists. *Molecular Diversity* 2022, 26(2): 769-780.
- 17) Shojaee AliAbadi MH, Karami-Osboo R, Kobarfard F, Nasiri A, **Faizi M**; Detection of lime juice adulteration by simultaneous determination of main organic acids using liquid chromatography-tandem mass spectrometry. *Journal of Food Composition and Analysis* 2022, 105,104223.
- 18) Sahranavard S, Khoramjouy M, Khakpash M, **Faizi M**, Mosaddegh M. Hydroethanolic extract of *Lavandula angustifolia* ameliorates vincristine-induced peripheral neuropathy in rats. *Research in Pharmaceutical Sciences* 2022, 17(3): 265-273.
- 19) Nami M, Salehi P, Bararjanian M, Khoramjouy M, Shahhosseini, S, **Faizi M**; Novel norsufentanil analogues containing triazole ring; synthesis, radioligand binding assay, and pharmacological evaluation. *Medicinal Chemistry Research* 2022, 31(6): 886-893.
- 20) Daryab M, **Faizi M**, Mahboubi A, Aboofazeli; Preparation and Characterization of Lidocaine-Loaded, Microemulsion-Based Topical Gels. *Iranian Journal of Pharmaceutical Research* 2022, 21(1),e123787.
- 21) Jahani R, van Ruth S, Yazdanpanah H, **Faizi M**, Mahboubi, A, Kobarfard, F; Isotopic signatures and patterns of volatile compounds for discrimination of genuine lemon, genuine lime and adulterated lime juices. *Food Control* 2022, 136,108837.
- 22) Jahani R, Behzad S, Saffariha M, Toufan-Tabrizi N, **Faizi M**; Sedative-hypnotic, anxiolytic and possible side effects of *Salvia limbata* C. A. Mey. Extracts and the effects of phenological stage and altitude on the rosmarinic acid content. *Journal of Ethnopharmacology* 2022, 282,114630.
- 23) Sharifi-Rad J, Quispe C, Zam W, **Faizi M**, Alshehri MM, Cho WC; Phenolic Bioactives as Antiplatelet Aggregation Factors: The Pivotal Ingredients in Maintaining Cardiovascular Health. *Oxidative Medicine and Cellular Longevity* 2021, 2195902.
- 24) Nasiri A, Jahani R, Mokhtari S, **Faizi M**, Kobarfard F. Overview, consequences, and strategies for overcoming matrix effects in LC-MS analysis: A critical review. *Analyst* 2021, 146(20), pp. 6049-6063.
- 25) Khoramjouy M, Rezaee E, Khoshnevis A, Tabatabai SA, **Faizi M**; Synthesis of 4,6-diphenylpyrimidin-2-ol derivatives as new benzodiazepine receptor ligands. *Bioorganic Chemistry* 2021, 109,104737.
- 26) Khoramjouy M, Ahmadi F, **Faizi M**, Shahhosseini S; Optimization binding studies of opioid receptors, saturation and competition, using [3H]-DAMGO. *Pharmacological Reports* 2021, 73(5): 1390-1395.
- 27) Sharifi-Rad J, Zhong J, Ayatollahi SA, **Faizi M**, Khosravi-Dehaghi N, Suleria H; LC-ESI-QTOF-MS/MS characterization of phenolic compounds from *Prosopis farcta* (Banks & Sol.) J.F.Macbr. and their potential antioxidant activities. *Cellular and Molecular Biology* 2021, 67(1): 189-200.
- 28) Hasanpour Z, Salehi P, Bunch L, Khoramjouy M, Staerk D, **Faizi M**; Semi-synthesis of novel buprenorphine derivatives and their anti-nociceptive properties and dependency potential. *Canadian Journal of Chemistry* 2021, 99(11): 910-919.

- 29) Khoramjoui M, Zarepishe N, Rezaee E, Tabatabai SA, **Faizi M**; Novel Derivatives of diphenyl-1,3,4-oxadiazol as Ligands of Benzodiazepine Receptors; Synthesize, Binding Assay and Pharmacological Evaluation. *Iranian Journal of Pharmaceutical Research* 2021, 20(4): 47-58
- 30) Khoramjoui M, Naderi N, Kobarfard F, Heidarli E, **Faizi M**; An Intensified Acrolein Exposure Can Affect Memory and Cognition in Rat, *Neurotoxicity Research* 2021, 39(2): 277-291.
- 31) Toolabi M, Khoramjoui, M, Aghcheli, A, Ayati A, Moghimi S, Firoozpour L, Soraya Shahhosseini S, Shojaei R, **Faizi M**, Foroumadi A; Synthesis and radioligand-binding assay of 2,5-disubstituted thiadiazoles and evaluation of their anticonvulsant activities, *Archiv der Pharmazie* 2020, 353(12),2000066.
- 32) Jahani R, Khoramjoui M, Nasiri A, Salteh YA, **Faizi M**; Neuro-behavioral profile and toxicity of the essential oil of *Dorema ammoniacum* gum as an anti-seizure, anti-nociceptive, and hypnotic agent with memory-enhancing properties in d-galactose induced aging mice. *Iranian Journal of Pharmaceutical Research* 2020, 19(3): 110-121.
- 33) Ghareh-naghadeh S, Salehi P, Bararjanian M, Khoramjoui M, Shahhosseini S, **Faizi M**; Novel Triazole-Tethered Derivatives of Nor-codeine: Synthesis, Radioligand Binding Assay, Docking Study and Evaluation of Their Analgesic Properties. *Chemistry Select* 2020, 5(46): 14753-14758.
- 34) Kobarfard F, Ayatollahi S A, Khosravi-Dehaghi N, **Faizi M**, Amidi S, Martorell M, Iqbal Choudhary M, Ansar H, Suleria, H, Sharifi-Rad J; High-performance thin-layer chromatography fingerprinting, total phenolic and total flavonoid contents and anti-platelet-aggregation activities of *Prosopis farcta* extracts, *Cellular and molecular biology (Noisy-le-Grand, France)* 2020, 66(4): 8-14
- 35) Keshavarzi Z, Barzegari Banadkoki S, **Faizi M**, Zolghadri Y, Shirazi F H; Comparison of transmission FTIR and ATR spectra for discrimination between beef and chicken meat and quantification of chicken in beef meat mixture using ATR-FTIR combined with chemometrics, *Journal of Food Science and Technology* 2020, 57(4): 1430-1438
- 36) Jahani R, Yazdanpanah H, Van Ruth S M, Kobarfard F, Alewijn M, Mahboubi A, **Faizi M**, Shojae Aliabadi M H, and Salamzadeh J; Novel application of near-infrared spectroscopy and chemometrics approach for detection of lime juice adulteration, *Iranian Journal of Pharmaceutical Research* 2020, 19 (2): 34-44, DOI: 10.22037/ijpr. 2019.112328.13686
- 37) **Faizi M**, Jamal F, Mohammadzadeh Asl B, Naserzadeh P, Sadabadi Z, Salimi A, Pourahmad J; Evaluation of morphological and mitochondrial alterations of mouse fetus after exposure to methyl tert-butyl ether, *Iranian Journal of Pharmaceutical Sciences* 2020, 15 (1): 17-28
- 38) Mehri F, Salimi A, Jamali Z, Kahrizi F, **Faizi M**; Exposure to 4-methylimidazole as a food pollutant induces neurobehavioral toxicity in mother and developmental impairments in the offspring, *Toxin Reviews* 2020, DOI: 10.1080/15569543.2020.1728338
- 39) Zangeneh F, Vazirizadeh A, Mirshamsi M R, Fakhri A, **Faizi M**, Pourahmad J; Induction of apoptosis by extract of Persian Gulf marine mollusk, turbo coronatus through the ROS-mediated mitochondrial targeting on human epithelial ovarian cancer cells, *Iranian Journal of Pharmaceutical Research* 2019, 18(1): 263-274

- 40) Jahani R, Khaledyan D, Jahani A, Jamshidi E, Kamalinejad M, Khoramjouy M, **Faizi M**; Evaluation and comparison of the antidepressant-like activity of *Artemisia dracuncululus* and *Stachys lavandulifolia* ethanolic extracts: An in vivo study, *Research in Pharmaceutical Sciences* 2019, 14(6): 544-553
- 41) Ekbatan M R, Khoramjouy M, Gholamine B, **Faizi M**, Sahranavard S; Evaluation of anticonvulsant effect of aqueous and methanolic extracts of seven *Inula* species. *Iranian Journal of Pharmaceutical Research* 2019, 18 (Special Issue), 208-220, DOI: 10.22037/ijpr.2019.15509.13151
- 42) Keshavarzi Z, Banadkoki S B, **Faizi M**, Zolghadri Y, Shirazi F; Identification and quantification of texture soy protein in a mixture with beef meat using atr-ftir spectroscopy in combination with chemometric methods, *Iranian Journal of Pharmaceutical Research* 2019, 18 (Special Issue): 190-197, DOI: 10.22037/ijpr.2019.111580.13242
- 43) Jahani R, Mojab F, Mahboubi, A, Nasiri A, Tahamtani A, **Faizi M**; An in-vivo study on anticonvulsant, anxiolytic, and sedative-hypnotic effects of the polyphenol-rich *Thymus kotschyanus* extract; evidence for the involvement of GABA-A receptors. *IJPR* 2019, 18(3): 1456-1465, DOI: 10.22037/ijpr.2019.15579.13194
- 44) Hadidi N, Saffari M, **Faizi M**; Optimized transferosomal bovine lactoferrin (BLF) as a promising novel non-invasive topical treatment for genital warts caused by human papilloma virus (HPV), *Iranian Journal of Pharmaceutical Research* 2018, 17(Special Issue 2): 12-23
- 45) Nami M, Salehi P, Dabiri M, Bararjanian M, Gharaghani S, Khoramjouy M, Al-Harrasi, A, **Faizi M**; Synthesis of novel norsufentanil analogs via a four-component Ugi reaction and in vivo, docking, and QSAR studies of their analgesic activity, *Chemical Biology and Drug Design* 2018, 91(4), 902-914
- 46) Zangeneh, F, Vazirizadeh A, Mirshamsi, M R, Fakhri A, **Faizi M**, Pourahmad J; Induction of apoptosis by an extract of persian gulf marine mollusc, *Turbo coronatus* through the production of reactive oxygen species in mouse melanoma cells, *Asian Pacific Journal of Cancer Prevention* 2018, 19 (12): 3479-3488
- 47) Salehi B, Ayatollahi S A, Segura-Carretero A, Kobarfard F, Contreras M, **Faizi M**, Sharifi-Rad M, Tabatabai S A, Sharifi-Rad J; Bioactive chemical compounds in *Eremurus persicus* (Joub. & Spach) Boiss. essential oil and their health implications, *Cellular and Molecular Biology* 2017, 63(9): 1-7
- 48) Nasoohi S, Simani L, Khodagholi F, Nikseresht S, **Faizi M**, Naderi N; Coenzyme Q10 supplementation improves acute outcomes of stroke in rats pretreated with atorvastatin, *Nutritional Neuroscience* 2017, 22(4): 264-272, DOI: 10.1080/1028415X.2017.1376928
- 49) Sotoudegan F, Amini M, **Faizi M**, Aboofazeli R; Development of an RP-HPLC-UV method for simultaneous detection of nimodipine and its metabolite in cerebrospinal fluid of rat, *Iranian Journal of Pharmaceutical Research* 2017, 16 (2): 471-477
- 50) Khansari MR, Yousefsani BS, Kobarfard F, **Faizi M**, Pourahmad J; In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis, *Environmental Science and Pollution Research* 2017, DOI: 10.1007/s11356-017-9908-2
- 51) Farzanehfar V, **Faizi M**, Naderi N, Kobarfard F; Development of an analytical method for dibutyl phthalate determination using surrogate analyte approach, *Iranian Journal of Pharmaceutical Research* 2017, 16 (1): 140-145

- 52) Bardania H, Shojaosadati SA, Kobarfard F, Dorkoosh F, Esfahanizadeh M, Naraki M, **Faizi M**; Encapsulation of eptifibatide in RGD-modified nanoliposomes improves platelet aggregation inhibitory activity, *Journal of Thrombosis and Thrombolysis* 2017, 43(2): 184-193. DOI: 10.1007/s11239-016-1440-6.
- 53) **Faizi M**, Jahani R, Ebadi SA, Tabatabai SA, Rezaee E, Lotfaliei M, Amini M, Almasirad A; Novel 4-Thiazolidinone Derivatives as Agonists of Benzodiazepine Receptors: Design, Synthesis and Pharmacological Evaluation, *EXCLI Journal* 2017, 16: 52-62
- 54) Shafaroodi H, Shahbek F, **Faizi M**, Ebrahimi F, Moezi L; Creatine Revealed Anticonvulsant Properties on Chemically and Electrically Induced Seizures in Mice, *Iranian Journal of Pharmaceutical Research*, 2016, 15(4): 843-850
- 55) Kahrizi F, Salimi A, Noorbakhsh F, **Faizi M**, Mehri F, Naserzadeh P, Naderi N, Pourahmad J; Repeated Administration of Mercury Accelerates Progression of Multiple Sclerosis through Mitochondrial Dysfunction, *Iranian Journal of Pharmaceutical Research*, 2016, 15(4): 834-841
- 56) Sotoudegan F, Amini M, **Faizi M**, Aboofazeli R; Nimodipine-Loaded Pluronic® Block Copolymer Micelles: Preparation, Characterization, In-vitro and In-vivo Studies, *Iranian Journal of Pharmaceutical Research*, 2016, 15(4): 641-661
- 57) Bardania H, Shojaosadati S, Kobarfard F, Dorkoosh F, Zadeh ME, Naraki M, **Faizi M**; Encapsulation of eptifibatide in RGD-modified nanoliposomes improves platelet aggregation inhibitory activity, *Journal of Thrombosis and Thrombolysis*, October 2016, DOI: 10.1007/s11239-016-1440-6
- 58) Rezaee Zavareh E, Hedayati M, Hoghooghi Rad L, Shahhosseini S, **Faizi M**, Tabatabai SA; Novel soluble epoxide hydrolase inhibitors with dihydropyridinone scaffold: design, synthesis and biological evaluation, *Medicinal Chemistry Communication*, 2016,7 (11): 2128-2135, DOI: 10.1039/C6MD00395H
- 59) Mehri F, **Faizi M**, Kahrizi F, Mohammadzadeh Asl B, Pourahmad J; A comparison of developmental and maternal toxicity of perfluoro octane sulfonate (PFOS) in mouse: Evaluation of histopathological and behavioral changes, *Iranian Journal of Pharmaceutical Sciences*, 2016, 12(2): 75-84
- 60) Ziaei A, Sahranavard S, **Faizi M**; Topical herbal remedies for treatment of joint pain according to Iranian Traditional Medicine, *Research Journal of Pharmacognosy*, 2016, 3(3): 63-72
- 61) Ziaei A, Sahranavard S, Gharagozlou MJ, **Faizi M**; Preliminary investigation of the effects of topical mixture of *Lawsonia inermis* L. and *Ricinus communis* L. Leaves extract in treatment of osteoarthritis using MIA model in rats, *DARU Journal of Pharmaceutical Sciences* 2016, 24:12 DOI 10.1186/s40199-016-0152-y
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