

Curriculum Vitae



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

Professor

Department of Pharmacology and Toxicology

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Education

2007-2010 Post Doctoral Scholar in Neuropharmacology, Department of Neurology and Neurological Sciences, Stanford School of Medicine, Stanford University, USA.

1997 -2003 Ph.D. 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., Tehran University, Tehran, Iran
Thesis: Study of different concentrations of lead on the effects of clonidine on isolated ileum of guinea pig

Employment History

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

2007-2008

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, Shahid Beheshti University of Medical Sciences

1991-2003

Faculty Member (Instructor), Department of Pharmacology and Toxicology, School of Pharmacy, Shahid Beheshti University of Medical Sciences

1986-1990

Scientific 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 place 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 methods (e.g. Timm's staining and silver staining) using light and fluorescent microscopes.
- Image analysis as well as stereological techniques (e.g. Image-Pro Plus and Stereology 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, QPCR, western 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

2013

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** Numerous travel grants from the Research Council of Shahid Beheshti University of Medical Sciences to attend international conferences. Awards include: 1997 (Denmark), 1998 (Netherlands), 1999 and 2000 (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** Iran Book of the Year Award 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 the category of medical books. The editorial board was honored with an award and a monetary prize from the President of Iran.
- 1983-1988** Deans list for five consecutive years while studying at School of Pharmacy

International Patent

- 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.

Research Grants

- Research grant from Deputy of Research, SBUMS: “Experimental studies on the antidepressant effects of *Artemisia dracuncululus*, *Stachys lavandolifolia*, 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** Fellowship in Department of Pharmacology, University of Vienna, Austria, as visiting scientist (focused on electrophysiology, 3 months)
- 2004** Workshop in application of HPLC in analysis of drugs in biological fluids, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- 2002** Workshop on rational use of drugs in geriatrics, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Memberships and Academic Services

- Editorial Board of *Iranian Journal of Pharmaceutical Research*, Member, 2015-present

- Editorial Board of *Iranian Journal of Pharmaceutical Sciences*, Member, 2014-present
- *Journal of Cellular & Molecular Anesthesia*, Editorial Board Member, 2016 to present
- Pharmaceutical Sciences Research Center, Member of the Research Council, Shahid Beheshti University of Medical Sciences, 2013-Present
- School of Pharmacy, Member of EDO, Shahid Beheshti University of Medical Sciences, 2011-present
- *Iranian Journal of Pharmaceutical Research*, Executive Member, 2004-2007
- School of Pharmacy, Shahid Beheshti University of Medical Sciences, Member of Research Council, 2003-2006 and 2011-present
- Traditional Medicine and Material Medical Research Center, Member of Research Council, 2012-present
- Society for Neuroscience, Member, Washington DC, 2008 to 2010
- Iranian Society of Physiology and Pharmacology, Member, 1998-present
- Iranian Association of Pharmaceutical Scientists, Member, 2003-present

Peer-Reviewed Publications

- 1) **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
- 2) 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
- 3) Kahrizi F, Salimi A, Noorbakhsh F, **Faizi M**, Mehri F, Naserzadeh P, Naderi N, Pourahmad J; Repeated Administration of Mercury Intensifies Brain Damage in Multiple Sclerosis through Mitochondrial Dysfunction, *Iranian Journal of Pharmaceutical Research*, 2016, 15(4): 834-841
- 4) 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
- 5) 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

- 6) 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, DOI: 10.1039/C6MD00395H
- 7) 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
- 8) 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
- 9) 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
- 10) **Faizi M**, Salimi A, Seydi E, Naserzadeh P, Kouhnavard M, Rahimi A, Pourahmad J; Toxicity of cuprizone a Cu(2+) chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction, *Toxicology Mechanisms and Methods* 2016, 26(4):276-83.
- 11) Farzanehfar V, Naderi N, Kobarfard F, **Faizi M**; Determination of Dibutyl Phthalate Neurobehavioral Toxicity in Mice, *Food and Chemical Toxicology* 2016, 94: 221–226
- 12) Hajiaghaee R, **Faizi M**, Shahmohammadi Z, Abdollahnejad F, Naghdibadi H, Najafi F, Razmi A; Hydroalcoholic extract of *Myrtus communis* can alter anxiety and sleep parameters: a behavioural and EEG sleep pattern study in mice and rats, *Pharmaceutical Biology* 2016, DOI: 10.3109/13880209.2016.1148175
- 13) **Faizi M**, Seydi E, Abarghuyi S, Salimi A, Nasoohi S, Pourahmad J; A Search for Mitochondrial Damage in Alzheimer's Disease Using Isolated Rat Brain Mitochondria, *IJPR* 2016, 15 (Special issue): 185-195.
- 14) Mohammadi-Khanaposhtani M, Shabani M, **Faizi M**, Aghaei I, Jahani J, Sharafi Z, Shamsaei-Zafarghandi N, Mahdavi M, Akbarzadeh T, Emami S, Shafiee A, Foroumadi A; Design, synthesis, pharmacological evaluation, and docking study of new acridone-based 1,2,4-oxadiazoles as potential anticonvulsant agents, *European Journal of Medicinal Chemistry* 2016, 112: 91-98.
- 15) Abdollahnejad F, Mosaddegh M, Kamalinejad M, Mirnajafi-Zadeh J, Najafi F, **Faizi M**; Investigation of sedative and hypnotic effects of *Amygdalus communis* L. extract: behavioral assessment and EEG studies on rat, *Journal of Natural Medicine* 2016, 70:190–197.
- 16) Abdollahnejad F, Mosaddegh M, Nasoohi S, Mirnajafi-Zadeh J, Najafi F, **Faizi M**; Study of sedative-hypnotic effects of *Aloe vera* L. Aqueous extract through behavioral evaluations and EEG recording in rats, *IJPR* 2016, 15 (1): 293-300.
- 17) Asadi F, Amir Jamshidi AH, Khodaghohi F, Yans A, Azimi L, **Faizi M**, Vali L, Abdollahi M, Ghahremani MH, Sharifzadeh M; Reversal effects of crocin on amyloid β -induced memory deficit: Modification of autophagy or apoptosis markers, *Pharmacology Biochemistry and Behavior* 2015, 139: 47-58

- 18) Mahboubi A, Asgarpanah J, Nosrati Sadaghiyani P, **Faizi M**; Total phenolic and flavonoid content and antibacterial activity of *Punica granatum* L. var. pleniflora flowers (Golnar) against bacterial strains causing foodborne diseases, *BMC Complementary and Alternative Medicine* 2015, 15(1): 366-372
- 19) Mehri F, **Faizi M**, Salimi A, Seydi E, Pourahmad J; Toxicity of 4-methylimidazole on isolated brain mitochondria: using both in vivo and in vitro methods, *Toxicological & Environmental Chemistry* 2015, 97 (5): 663-673
- 20) Haj-Mirzaian A, Kordjazy N, Ostadhadi S, Ghasemi M, Amiri S, **Faizi M**, Dehpour AR; Evidence for the involvement of NMDA receptors in the antidepressant-like effect of nicotine in mouse forced swimming and tail suspension tests, *Psychopharmacology (Berl)* 2015, 232 (19): 3551-61
- 21) Pirhajati Mahabadi V, Movahedian M, Semnanian S, Mirnajafi-Zadeh J, **Faizi M**; In Vitro Differentiation of Neural Stem Cells into Noradrenergic-Like Cells, *International Journal of Molecular and Cellular Medicine* 2015, 4: 22-31
- 22) Rahimi A, **Faizi M**, Talebi F, Noorbakhsh F, Naderi N; Interaction between the protective effects of cannabidiol and palmitoylethanolamide in experimental model of multiple sclerosis in C57BL/6 mice, *Neuroscience* 2015, 290: 279-287
- 23) Tabatabai SA, Elham Rezaee Zavareh E, Reyhanfard H, Alinezhad B, Shafaghi B, Sheikhha M, Shafiee A, **Faizi M**; Evaluation of Anxiolytic, Sedative-hypnotic and Amnesic Effects of Novel 2-phenoxy phenyl-1,3,4-oxadiazole Derivatives Using Experimental Models, *IJPR* 2015, 15 (supplement): 51-57
- 24) **Faizi M**, Dabirian S, Tajali H, Ahmadi F, Rezaee Zavareh E, Shahhosseini S, Tabatabai SA; Novel Agonists of Benzodiazepine Receptors: Design, Synthesis, Binding Assay and Pharmacological Evaluation of 1,2,4-triazolo[1,5-a]pyrimidinone and 3-amino-1,2,4-triazole Derivatives, *Bioorganic & Medicinal Chemistry* 2015, 23: 480–487
- 25) Pirhajati Mahabadi V, Movahedin M, Mazaheri Z, Semnanian S, Mirnajafi-Zadeh J, **Faizi M**; Effects of Bilateral Lesion of the Locus Coeruleus on Sleep-Wake Cycle in the rat, *Physiol Pharmacol.* 2015, 19 (1): 22-30
- 26) Rezaee Zavareh E, Hedayati M, Hoghooghi Rad L, Kiani A, Shahhosseini S, **Faizi M**, Tabatabai SA; Design, Synthesis and Biological Evaluation of Some Oxadiazole Derivatives as Novel Amide-Based Inhibitors of Soluble Epoxide Hydrolase, *Letters in Drug Design & amp Discovery* 2014, 11: 721-730
- 27) Razmi A, Sahebgharani M, Khani MH, Paylakhi SH, **Faizi M**, Zarrindast MR; Cyclic AMP Pathway Modifies Memory Through Neural Cell Adhesion Molecule Alterations in the Rat Hippocampus, *Acta Medica Iranica* 2014, 52(4): 246-255
- 28) **Faizi M**, Salimi A, Rasoulzadeh M, Naserzadeh P, Pourahmad J*; Schizophrenia Induces Oxidative Stress and Cytochrome C Release in Isolated Rat Brain Mitochondria: a Possible Pathway for Induction of Apoptosis and Neurodegeneration, *IJPR* 2014, 13 (supplement): 93-100
- 29) Sahranavard S, Kamalinejad M, **Faizi M**; Evaluation of Anti-Inflammatory and Anti-Nociceptive Effects of Defatted Fruit Extract of *Olea europaea*, *IJPR* 2014, 13 (supplement): 119-123

- 30) Rezaee Zavareh E, Hedayati M, Hoghooghi Rad L, Shahhosseini S, **Faizi M**, Tabatabai SA; Design, Synthesis and Biological Evaluation of 4-Benzamidobenzoic Acid Hydrazide Derivatives as Novel Soluble Epoxide Hydrolase Inhibitors, *IJPR* 2014, 13 (supplement): 51-59
- 31) Ahmadi F, Dabirian S, **Faizi M**, Tabatabai SA, Beiki D, Shahhosseini S; Optimum Conditions of Radioligand Receptor Binding Assay of Ligands of Benzodiazepine Receptors, *IJPR* 2014, 13 (supplement): 79-76
- 32) Mortaz Hejri S, **Faizi M**, Babaeian M; Zolpidem-induced suicide attempt: a case report, *DARU Journal of Pharmaceutical Sciences* 2013, 21:77
- 33) **Faizi M**; Transgenic animals in pharmaceutical and biological research in Iran (Editorial), *IJPR* 2013, 12: 579
- 34) Ahmadi F, **Faizi M**, Tabatabai SA, Beiki D, Shahhosseini S; Comparison [3H]-flumazenil binding parameters in rat cortical membrane using different separation methods, filtration and centrifugation, *Nucl Med Biol.* 2013 Oct;40(7):896-900
- 35) Razmi A, Zarghi A, Arfaee S, Naderi N, **Faizi M**; Evaluation of Anti-nociceptive and Anti-inflammatory Activities of Novel Chalcone Derivatives, *IJPR* 2013, 12 (supplement): 149-155
- 36) Kleschevnikov AM, Belichenko PV, **Faizi M**, Jacobs LF, Htun K, Shamloo M, Mobley WC; Deficits in cognition and synaptic plasticity in a mouse model of Down syndrome ameliorated by GABAB receptor antagonists. *J Neurosci.* 2012 Jul 4;32(27):9217-27
- 37) **Faizi M**, Bader PL, Saw N, Nguyen TV, Beraki S, Wyss-Coray T, Longo FM, Shamloo M; Thy1-hAPP^{Lond/Swe+} Mouse Model of Alzheimer's Disease Displays Broad Behavioral Deficits in Sensorimotor, Cognitive and Social function. *Brain and Behavior* 2012, 2 (2):142-54
- 38) **Faizi M**, Sheikha M, Ahangar N, Tabatabaei Ghomi H, Shafaghi B, Shafiee A, Tabatabai SA; Design, Synthesis and Pharmacological Evaluation of Novel 2-[2-(2-Chlorophenoxy)phenyl]-1,3,4-oxadiazole Derivatives as Benzodiazepine Receptor Agonists. *IJPR* 2012, 11 (1):83-90
- 39) Khajeamiri AR, **Faizi M**, Sohani F, Baheri T, Kobarfard F; Determination of Impurities in Illicit Methamphetamine Samples Seized in Iran. *Forensic Sci Int.* 2012 Apr 10;217(1-3):204-6
- 40) Bader PL, **Faizi M**, Kima LH, Owen SF, Tadross MR, Alfa RW, Glenna CL, Bett GC, Tsien RW, Rasmusson RL, Shamloo M; Mouse Model of Timothy Syndrome Recapitulates Triad of Autistic Traits. *PNAS* 2011, 108 (37):15432-37.
- 41) **Faizi M**, Bader P, Encarnacion A, Kleschevnikov A, Belichenko P, Saw N, Priestley M, Htun C, Tsien R, Mobley W, Shamloo M; Comprehensive phenotyping of Ts65Dn mouse model of Down Syndrome: Activation of β 1-adrenergic receptor by xamoterol as a potential cognitive enhancer. *Neurobiology of Disease* 2011, 43(2):397-413.
- 42) Mahmoudian M, Fallahati M, **Faizi M**, Bohlooli S, Sofian N ;Toxicological study of mebudipine and Dibudine, two new calcium-channel blockers, in *saccharomyces cervises* and isolated rat hepatocytes cells in-vitro. *International Journal of Pharmacy and Pharmaceutical Sciences* 2011, 3: 204-207.

- 43) Salehi A, **Faizi M**, Colas D, Valletta J, Laguna J, Takimoto-Kimura R, Kleschevnikov A, Shamloo M, Mobley WC; Restoration of norepinephrine-modulated contextual memory in a mouse model of Down Syndrome. *Science Transl Med*, 2009, 1(7):7ra17
- 44) Jamali B, Roodsari MS, Soleymani Z, **Faizi M**, Shafaghi B, Kobarfard F.; Synthesis of a quaternary bis derivative of imipramine as a novel compound with potential anti-enuretic effect; *J Pharm Pharmacol* 2009, 61(9):1229-32
- 45) Zarghi A, Hajimahdi Z, Mohebbi S, Rashidi H, Mozaffari S, Sarraf S, **Faizi M**, Tabatabaee SA, Shafiee A; Design and synthesis of new 2-substituted-5-[2-(2-halobenzyloxy)phenyl]-1,3,4-oxadiazoles as anticonvulsant agents, *Chem Pharm Bull* 2008, 56(4):509-12
- 46) Fahimi F, Ariapanah P, **Faizi M**, Shafaghi B, Namdar R, Ardakani MT; Errors in preparation and administration of intravenous medications in the intensive care unit of a teaching hospital: An observational study, *Aust Crit Care*. 2008, 21(2):110-6
- 47) Zarghi A, Hamed S, Tootooni F, Amini B, Sharifi B, **Faizi M**, Tabatabai S.A, Shafiee A; Synthesis and pharmacological evaluation of New 2-substituted-5-{2-[(2- halobenzyl)thiophenyl]}-1,3,4-oxadiazoles as anticonvulsant agents, *Scientia Pharmaceutica*, 2008, 76 (2): 185-201
- 48) Salehi A, **Faizi M**, Belichenko P, Mobley W; Using mouse models to explore genotype-phenotype relationship in Down Syndrome, *Mental Retardation and Developmental Disabilities Research Reviews*, 2007, 13: 207-214
- 49) Zarghi A, **Faizi M**, Shafaghi B, Ahadian A, Khojastepoor HR, Zanganeh V, Tabatabai SA, Shafiee A; Design and synthesis of new 2-substituted-5-(2-benzylthiophenyl) -1,3,4- oxadiazoles as benzodiazepine receptor agonists. *Bioorg. Med. Chem. Lett*, 2005, 15(12): 3126-9
- 50) Zarghi A, Tabatabai SA, **Faizi M**, Ahadian A, Navabi P, Zanganeh V, Shafiee A; Synthesis and anticonvulsant activity of new 2- substituted-5-(2-benzyloxyphenyl)-1,3,4-oxadiazoles. *Bioorg. Med. Chem. Lett.*, 2005, 15:1863–65
- 51) Almasirad A, Tabatabai SA, **Faizi M**, Kebriaeezadeh M, Mehrabi N, Dalvandi A, Shafiee A; Synthesis and anticonvulsant activity of new 2-susituted-5-[2-(2-fluorophenoxy) phenyl]-1,3,4-oxadiazoles and 1,2,4-triazoles, *Bioorg. Med. Chem. Lett.*, 2004, 14(24):6057-9
- 52) **Faizi M**, Janahmadi M, Mahmoudian M; The effect of mebudipine and dibudipine, two new calcium channel blockers, in comparison with nifedipine on calcium spikes of F1-neuronal soma membrane in *Helix aspersa*. *Acta Physiologica Hungarica*, 2003, 90(3):243-54
- 53) Zarghi A, **Faizi M**, Abdolahnejad R, Fassihi A; Synthesis and calcium channel blocker activity of alkyl-1,4-dihydro-2,6-dimethyl-4-nitrobenzyl thioimidazolyl-3,5-pyridinedicarboxylates, *Boll. Chim. Farmac.* 2003, 142(4):175-79
- 54) Zarghi A, Sadeghi H, Fassihi A, **Faizi M**, Shafiee A; Synthesis and calcium antagonist activity of 1,4-dihydropyridines containing phenylamino-imidazolyl substitutes, *IL Farmaco*, 2003, 58:1077-1081
- 55) Yazdanpanah H, Roshanzamir F, Shafaghi B, **Faizi M**, Elhami M, Rasekh HR; Assessment of possible protective roles of selenium, Zinc, and cis-stilbene oxide against T-2 toxin poisoning: A preliminary report, *Natural Toxins*, 1997, 3:133-35

- 56) Ansari F, Salamzadeh J, **Faizi M**, Rasekh HR; Usage pattern of antibiotics in different wards of Bou-Ali University Hospital from April to September 1997, *Pajouhandeh* (in Persian), 1998,11: 99-106
- 57) Dehpour AR, Zolfaghari ME, Samadian M, Kobarfard F, **Faizi M**, Assari M; Anti-ulcer activity of liquorice and its derivatives in experimental gastric lesion induced by ibuprofen in rats, *International Journal of Pharmaceutics*, 1995, 119 (2): 133-38

Books (in Persian)

- 1) Iran National Formulary (Chapters of CNS Drugs and Antimicrobial Agents), 7th edition, Ministry of Health, Tehran, Iran, 2016 (Editor).
- 2) Antibacterial agents and Antibiotics (Drug Information and Clinical Application), Pharmaceutical Sciences Research Center, SBUMS, Tehran, Iran, 2015 (Author).
- 3) Iran National Formulary (Chapter of CNS Drugs), 4th edition, Ministry of Health, Tehran, Iran, 2006 (Editor).
- 4) Drug Information and Clinical Application of Generic Drugs, 4th edition, Scientific Department of Darou Pakhsh Pharmaceutical Company, Tehran, Iran, 1989 (Editor).
- 5) Handbook of Drug Treatment, Ayeneh Ketab Press, Tehran, Iran, 1990 (Editor).

Abstracts and Oral Presentations

- 1) Omidian S, Farzanehfar V, **Faizi M**; Chronic Exposure to Dibutyl Phthalate Causes Anxiety in Mice; 5th *Basic and Clinical Neuroscience*, 7-9 December 2016, Tehran, Iran.
- 2) **Faizi M**; Pain in neurodegenerative disorders; Invited lecturer in 1st *International Congress of Pain (TUMS) & 12th Scientific Congress of Iranian Pain Society (IASP Chapter)*, 13-15 May 2015, Tehran, Iran.
- 3) **Faizi M**, Mojab F; Evaluation of Anticonvulsant Effect of Three Different Medicinal Plants Using Experimental Models; Oral presentation in 4th *National Congress on Medicinal Plants*, 12 and 13 May 2015, Imam Khomeini Hospital, Tehran, Iran.
- 4) **Faizi M**, Sahranavard S, Zyaiee A; Evaluation of anti-nociceptive and anti-inflammatory activity of topical use of *Plantanus orientalis* Leaves in a Rat Model of Osteoarthritis; 3rd *Medicinal Plants national congress*, 14 and 15 May 2014, Mashhad, Iran.
- 5) Mojab F, **Faizi M**, Bijan Shafaghi; Neuro-Behavioral and Pharmacological Evaluation of *Asperugo procumbens* Using Experimental Models; 3rd *Medicinal Plants national congress*, 14 and 15 May 2014, Mashhad, Iran.

- 6) **Faizi M**; Behavioral Tests in Neurotoxicological Studies; Invited lecturer in *12th Iranian Congress of Toxicology*, 15-17 May 2013, Sari, Iran.
- 7) **Faizi M**; Neurobehavioral Tests, Tools for Pharmacological Evaluation of Medicinal Plants; Invited lecturer in *2nd National Congress on Medicinal Plants*, 15 and 16 May 2013, Tehran, Iran.
- 8) **Bader PL, Faizi M, Kim LH, Owen S, Tadross M, Alfa R, Bett G, Tsien R, Rasmusson R, Shamloo M**; Altered social interactions, perseveration, and enhanced fear conditioning in a Timothy Syndrome mouse model of autism; *Neuroscience 2011, the 41st annual meeting of the Society for Neuroscience*, 12-16 November 2011, Washington, DC.
- 9) **Faizi M, Mobley W, Shamloo M**; Xamoterol rescues memory deficit in mouse model of Down Syndrome by activation of beta-1 adrenergic receptor; *Neuroscience 2010, the 40th annual meeting of the Society for Neuroscience*, 13-17 November 2010, San Diego, CA.
- 10) **Bader PL, Faizi M, Owen S, Tadross M, Alfa R, Bett G, Tsien R, Shamloo M, Rasmusson R**; Altered social interactions, perseveration, and enhanced fear conditioning in a Timothy Syndrome mouse model of autism; *Neuroscience 2010, the 40th annual meeting of the Society for Neuroscience*, 13-17 November 2010, San Diego, CA.
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- 12) **Htun K, Simmons D, Faizi M, Encarnacion A, Longo F, Shamloo M**; Comprehensive behavioral assays for assessing cognitive deficits in a mouse model of Huntington's disease; *Neuroscience 2010, the 40th annual meeting of the Society for Neuroscience*, 13-17 November 2010, San Diego, CA.
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