

FARZANEH FARAJIAN-MASHHADI
Pharm D- MSc & PhD in Neuropharmacology

Date of Birth: 5th December 1969
Nationality: Iranian
E.mail: dr_farajian@yahoo.com

EMPLOYMENT

1994-1995	Zahedan Pediatric Hospital (Ali Asghar), Zahedan, Iran
1996-1999	Pharmacist working in private sector as a technical director.
1999 -2000	Lecturer in Pharmacology, Zabul Faculty of Medical Sciences, Zahedan University of Medical Sciences, Iran
2000-2001	Control of prescription and administration of addictive drug bureau, in Zahedan University of Medical Sciences
2001-2002 2002-2005	Postgraduate MSc taught course in Neuropharmacology, University of Bradford, UK
2002 2006	Postgraduate research student in pharmacology, University of Bradford, UK Honory teaching as demonstrator and tutor in pharmacology and physiology classes, in School of Pharmacy and School of Biomedical Sciences, University of Bradford, England, UK
2006-2021	Assistant professor in pharmacology, School of Medicine, Zahedan University of Medical Sciences, Zahedan, Iran
۲۰۱۰-2020	Head of Pharmacology Department, Zahedan University of Medical Sciences
2020 till now	Associated professor in pharmacology, School of Medicine, Zahedan University of Medical Sciences, Zahedan, Iran
2008-2012	Head of Gifted and Talented Student Committee
2008-2020	A member of "Molecular and Cellular Research Centre" Scientific
2019-now	A member of Pharmacology research centre
2012-2017	Head of Student Research Committee in Faculty of Medicine
2012-2017	Head of EDO in Faculty of Medicine
2012-2017	Consultant of Gifted and Talented Student in school of Medicine
2017-2020	Head of Food & Drug Deputy, Zahedan University of Medical Sciences

EDUCATION & QUALIFICATIONS

1984-1988	Fiuzat High School , Mashhad, Diploma in experimental science with A grade (19.80 out of 20)
1988-1993	School of Pharmacy, Mashhad University of Medical Sciences, Graduated with Doctoral Degree in Pharmacy (Pharm D) with A grade (16.31 out of 20), Dissertation “ Formulation of a novel sustained release tablets of ibuprofen.
July – September 2001	English Language courses, successfully passed with score 6.5 in IELTS exam Language centre, University of Leeds, Leeds, England, UK
2001-2002	Training Programme (Animal Act) , Bradford School of Pharmacy, Bradford, England, UK, passed with grade A.
2001-2002	MSC thought course in neuropharmacology, passed with grade A, Department of Pharmacology School of pharmacy, university of Bradford, England, UK
2002-2006	PhD in Pharmacology Title of theses: Pharmacological study of the neurotransmitters involved in electrical stimulation induced contraction and relaxation in the rat small intestine
2013	Fellowship in electronic Learning, Center of Excellence for Electronic Learning Medical Sciences Shiraz University of Medical Sciences, Iran

Attendance

- 1 International Conference of British Pharmacological Society, summer 2003, Guilford, UK, 3 poster presentations**
- 2 European Conference of Iranian students, summer 2005, Leeds, UK, Lecture**
- 3 International Conference of Physiology and Pharmacology , summer 2007, Mashhad Iran, Lecture**
- 4 International Conference of Physiology and Pharmacology , Autumn 2011, Hamedan, Iran, Poster**
- 5 5th Electronic Learning Congress in Medical Education, winter 2012, Kerman, Iran. Poster**
- 6 Fellowship in e.learning, Center of Excellence for Electronic Learning in Medical Sciences, Shiraz University of Medical Sciences. May 2013**
- 7 participation in the 7th European Congress of Pharmacology 26-30 June 2016, Istanbul, Turkey**

Publications :

1. Abstracts

F.F.Mashhadi, F.A.Javid & R.J.Naylor (2003). The effect of SB258585, a 5-HT₆ receptor antagonist, on electrically-evoked contraction of the rat small intestine. Vol 1, Issue 2, abs 048P, pA₂ on line.

F.F.Mashhadi, F.A.Javid & R.J.Naylor (2003). The effect of SB269970A, a 5-HT₇ receptor antagonist, on electrically-evoked contraction of the rat small intestine. Vol 1, Issue 2, abs 049P, pA₂ on line.

F.F.Mashhadi, F.A.Javid & R.J.Naylor (2003). The effect of fluoxetine on electrically-evoked contraction of the rat small intestine. Vol 1, Issue 2, abs 047P, pA₂ on line.

FA Javid, F Farajian Mashhadi, and RJ Naylor THE EFFECT OF REBOXETINE ON ELECTRICAL FIELD STIMULATION (EFS)-INDUCED CONTRACTION IN THE RAT SMALL INTESTINE. (2006) Abstract 386 . Neurogastroenterology and Motility Joint International Meeting. Boston, Massachusetts, USA

F.F.Mashhadi, F.A.Javid & R.J.Naylor (2007) The effects of floxetine on relaxation and contractile responses induced by electrical stimulation in the rat small intestine, 18th congress of Physiology and Pharmacology, Mashhad, Iran (Lecture)

F.F.Mashhadi, F.A.Javid & R.J.Naylor (2011) The effects of serotonin antagonists on relaxation and contractile responses induced by electrical stimulation in the rat small intestine. 20th congress of Physiology and Pharmacology, Hamedan, Iran (poster)

F, Farajian Mashhadi (2012), Applying computer simulation in medical education, The 5th congress of electronic Learning, Kerman, Iran (Poster)

F, Farajian Mashhadi (2016), Comparison of anticancer activity of hydroalcoholic extracts of Curcuma longa L, Peganum harmala L and Boswellia serrata on HeLa cell line, 7th European Congress of Pharmacology, Istanbul, Tuekry

F, Farajian Mashhadi (2018), The effect of aqueous extract of Capparis decidua in wound healing in diabetic rats, 23th Congress of Physiology and Pharmacology, Chababar, Iran.

Mohammadamin Mashhady¹, Maryam Beigomi², Farzaneh Farajian³, Morteza Shahriari¹ (2018), The Impact of Coffee on Health (Benefits and Risks), Isfahan University, Isfahan, Iran.

2. Full papers

1- Farajian-Mashhadi F, Naylor RJ, Javid FA. The effect of fluoxetine on electrical field stimulation-induced responses in the isolated rat small intestine. Methods Find Exp Clin Pharmacol. 2010 Nov; 32(9):645-55.

- 2- Bavafa SA, Behjatmanesh-Ardakani R., **F. Mashhadi F.**, Density functional study of the nitrosamine–formic acid and nitrosamine–formamide interactions, Journal of Molecular Structure: THEOCHEM, Volume 960, Issues 1–3, 30 November 2010, Pages 15–21.
- 3- Yaghmaei M., Salimi S., Mokhtari M., Naghavi A., Saravani S., **Farajian-Mashhadi F.**, **Endothelial nitric oxide synthase gene Glu298Asp polymorphism and risk of preeclampsia in South East of Iran**, African Journal of Biotechnology, 2011 Sep Vol. 10 (52), pp. 10712- 10717.
- 4-Bavafa SA. Behjatmanesh-Ardakani R., **F. Mashhadi F.**, **Quantitative structure-property relationship (QSPR) study of n-octanol-water partition coefficients (logPo/w) of fatty acids using multiple linear regression (MLR)**, Ovidius University Annals of Chemistry, 2011, Volume 22, Number 2, pp.79-86.
- 5- Salimi S., Naghavi A., Zakeri Z., Nabizadeh S., **Farajian Mashhadi F.**, Sandoughi M. (2013), **Association of DD genotype of Insertion/Deletion polymorphism of ACE gene with Lupus and Lupus Nephropathy in South East of Iran**, Zahedan journal of research in medical sciences. Zahedan J Res Med Sci , 2013 Sep; 15: 29-33
- 6- Jahantigh D., Salimi S., Alavi-Naini R., Emamdadi A., Owaysee Osquee H, **FarajianMashhadi F.**, **Association between TLR4 and TLR9 Gene Polymorphisms with Development of Pulmonary Tuberculosis in Zahedan, Southeastern Iran**, Scientific World Journal. 2013 May 26; 2013: 534053
7. Rohani MR, Moosavi A, Daliri M, Mohammadi M, **Farajian Mashhadi F**, Naroueinejad M, Khallaghi H, **Short Course Low Dose Isotretinoin Consumption and Tear Film Function**, Bina J Ophthalmol, 2013; 18 (4): 406-411.
- 8- Moudi B., Salimi S., **FarajianMashhadi F.**, Sandoughi M, Zakeri Z. , **Association of FAS and FAS Ligand Genes Polymorphism and Risk of Systemic Lupus Erythematosus**, The ScientificWorld Journal, 2013 Nov14, 176741, doi/; 10.1155/2013/176741.
- 9- Salimi S., **Farajian-Mashhadi F.***, Anoosh Naghavi, Mojgan Mokhtari, Mahnaz Shahrakipour, Mohsen Saravani, and Minoos Yaghmaei, **Different profile of serum leptin between Early Onset and Late onset Preeclampsia** , Disease Markers, vol. 2014, Article ID 628476, 7 pages, 2014. doi:10.1155/2014/628476.
- 10-Tabatabai E., Salimi S., Mohammadoo-khorasani M., Yaghmaei M., Mokhtari M., **Farajian-Mashhadi F.**, and Naghavi A., **KE and EE genotypes of ICAM-1 gene K469E polymorphism is associated with severe preeclampsia** , Disease Markers (2014), Article ID 124941, 5 pages
- 11-Salimi S., Moosavi M., Tabatabai E., Yaghmaei M., Namazi L., **Farajian-Mashhadi F.**, **Lack of association between IL-1 receptor antagonist gene86bp VNTR polymorphism and leiomyoma**, Gene, Cell and Tissue. 2014 April; 1(1): E18310
- 12- **Farajian Mashhadi F.**, Naylor R J, Javid F A., **The Effects of Serotonin Receptor Antagonists on Contraction and Relaxation Responses Induced by Electrical Stimulation in the Rat Small Intestine**, Gene, Cell and Tissue. 2014 April; 1(1): E18311
- 13- Milad Mohammadoo-khorasani^{1,2}, Saeedeh Salimi^{1,2*}, Ehsan Tabatabai^{1,2}, Mahnaz Sandoughi ³, Zahra Zakeri³, **Farzaneh Farajian-Mashhadi^{4,1}** **Interleukin-1β (IL-1β) and**

Interleukin 4 (IL-4) Gene Polymorphisms and susceptibility to Systemic Lupus Erythematosus in South East of Iran, Indian J Med Res 143, May 2016, pp 591-596

14- Salami S¹, Saravani M, Yaghmaei M, Fazlali Z, Mokhtari M, Naghavi A, **Farajian-Mashhadi F**. The early-onset preeclampsia is associated with MTHFR and FVL polymorphisms. Arch Gynecol Obstet. 2015 Jun;291(6):1303-12.

15- S Salimi, **F Farajian-Mashhadi***, R Alavi-Naini, G Talebian, Association between Vitamine D receptor polymorphisms and haplotypes with pulmonary tuberculosis. Biomed Rep. 2015 Mar;3(2):189-194

16- Salimi S., Moudi B., **Farajian Mashhadi F.**, Tavilani H., Association of functional polymorphisms in FAS and FAS ligand gene promoter with preeclampsia, [J Obstet Gynaecol Res.](#) 2014 May;40(5):1167-73

17- Ahmad Ali Jalali-Nezhad,1 **Farzaneh Farajian-Mashhadi**, Gholamreza Komeili,* Farzaneh Barkhordari-Ahmadi **The Effect of Ginger Hydroalcoholic Extract on Rat Ileal Contraction in Vitro**, Zahedan J Res Med Sci. 2016 February; 18(2):e5984.

18. SM Jafari, S Salimi, A Nakhaee, H Kalani, S Tavallaie **Farzaneh Farajian-Mashhadi**, Zahra Zakeri, Mahnaz Sandoughi, **Prooxidant-Antioxidant Balance in Patients with Systemic Lupus Erythematosus and Its Relationship with Clinical and Laboratory Findings**, Autoimmune diseases 2016

19- Saeedeh Salimi, Milad Mohammadoo-Khorasani, Mahdiah Mousavi, Minoo Yaghmaei, Mojgan Mokhtari, **Farzaneh Farajian-Mashhadi**, **Association of interleukin-1 receptor antagonist VNTR polymorphism and risk of pre-eclampsia in southeast Iranian population**, Journal of Obstetrics and Gynaecology Research 42 (2), 142-147

20- Gholamreza Komeili, **Farzaneh Farajian-Mashhadi**, **Effects of Isradipine on Induced-Parkinson's Disease in Rats**. Zahedan Journal of Research in Medical Sciences 18 (4)

21- M Yaghmaei, S Salimi, L Namazi, **F Farajian-Mashhadi**, **Association of XRCC1 Arg399Gln and Tp53 Arg72Pro polymorphisms and increased risk of uterine leiomyoma-A case-control study**, Genetics and molecular biology 38 (4), 444-449

22- Saeedeh Salimi, Mehrangiz Noora, Sima Nabizadeh, Mahnaz Rezaei, Hossain Shahraki, Mohammadoo-Khorassani Milad, Anoosh Naghavi, **Farzaneh Farajian-Mashhadi**, Zahra Zakeri, Mahnaz Sandoughi, **Association of the osteopontin rs1126616 polymorphism and a higher serum osteopontin level with lupus nephritis**, Biomedical reports 4 (3), 355-360

23- Saeedeh Salimi, Alireza Nakhaee, Mehdi Jafari, Danial Jahantigh, Mahnaz Sandooghi, Zahra Zakeri, Mahnaz Shahrakipour, Anoosh Naghavi, **Farzaneh Farajian-Mashhadi**, **Combination effect of GSTM1, GSTT1 and GSTP1 polymorphisms and risk of systemic lupus erythematosus**, Iranian journal of public health 44 (6), 814

24- Maryam Lashkaripour, Amir Adibi, **Farzaneh Farajian Mashhadi**, Alireza Dashipour, (2017) *Modafinil for treatment of amphetamine/ methamphetamine dependence: The randomized double - blinded clinical trial*. International Journal of High Risk Behaviors and Addiction. ISSN 22518711 (ISSN)

- 25-Saeedeh Salimi, Farzaneh Farajian-Mashhadi, Ehsan Tabatabaei, Mahnaz Shahrakipour, Minoo Yaghmaei, Mojgan Mokhtari, **Estrogen receptor alpha XbaI GG genotype was associated with severe preeclampsia**, *Clin Exp Hypertens*. 2017;39(3):220-224. doi: 10.1080/10641963.2016.1235182.
- 26-Farzaneh Farajian Mashhadi, Saeedeh Salimi, Forouzan Forouzandeh, Nooshin Naghsh, **Comparison of anticancer activity of hydroalcoholic extracts of Curcuma longa L, Peganum harmala L and Boswellia serrata on HeLa cell line**, *Jundishapur Journal of Natural Pharmaceutical Products*, 2017 ; 12(2):e37336. doi: 10.5812/jjnpp.37336.
- 27- Farshid Keshavarzi, Saeedeh Salimi, Abbas Mohammadpour-gharehbagh, Batool Teimoori, Atefeh Yazdi, Farzaneh Farajian-Mashhadi, Minoo Yaghmaei, Mojgan Mokhtari, **The -2549 insertion/deletion polymorphism of VEGF gene associated with uterine leiomyoma susceptibility in women from Southeastern Iran**, *Ginekol Pol* 2017;88(3):115-119.
- 28- Mojtaba Ashtiani Fariba Nabatchian Hamid Reza Galavi Ramin Saravani Farzaneh Farajian- Mashhadi Saeedeh Salimi, **Effect of Achillea wilhelmsii extract on expression of the human telomerase reverse transcriptase mRNA in the PC3 prostate cancer cell line**. *Biomedical Reports* July 31, 2017 <https://doi.org/10.3892/br.2017.956> Pages: 251-256
- 29- Farzaneh Farajian-Mashhadi, Fatemeh Eskandari, Mahnaz Rezaei, Farzaneh Eskandari, Darya Najafi, Batool Teimoori, Maryam Moradi-Sharbabak, Saeedeh Salimi **The possible role of maternal and placental vitamin D receptor polymorphisms and haplotypes in pathogenesis of preeclampsia**, *Clin Exp Hypertens*, . 2020;42(2):171-176. doi: 10.1080/10641963.2019.1601203. Epub 2019 Apr 20.
- 30- Maryam Lashkaripour , Susan Dartomi, Zahra Ghiasi, *, Farzaneh Farajian-Mashhadi , Narjes Sargolzaei, **Frequency of Non-Medical Use of Methylphenidate (Ritalin) Among Medical Students of Zahedan University of Medical Sciences**, *INTERNATIONAL JOURNAL OF HIGH RISK BEHAVIORS AND ADDICTION*. ISSN 2251-872X . 2019 June; 8(2):e84694.
- 31- Saeedeh Salimi, Abbas Mohammadpour-Gharehbagh, Farshid Keshavarzi, Farzaneh Farajian-Mashhadi, Mahdieh Mousavi, Mahnaz Sandoughi, **Association between ERα polymorphisms and systemic lupus erythematosus: susceptibility and in silico analysis**, *Int J Rheum Dis*. 2018 Jan;21(1):214-222. doi: 10.1111/1756-185X.13230
- 32- MOKHTARI MOJGAN, Zakerian Sepideh, FARAJIAN MASHHADI FARZANEH, SALIMI SAEDEDEH, **Association of PvuII T> C and XbaI A> G Polymorphisms of Estrogen Receptor Gene with Uterine Leiomyoma: A Case-Control Study**, *GENE, CELL AND TISSUE*, April 2018 , Volume 5 , Number 2
- 33- Morad Bornavard, Hamed Fanaei, Mohammad Ali Mirshekar, Farzaneh Farajian Mashhadi, Alireza Atashpanjeh, **Morphine consumption during pregnancy exacerbates neonatal hypoxia- ischemia**, *International journal of Developmental Neuroscience*. ISSN 1873-474X , 2020,(Electronic) 0736-5748.
- 34- Maryam Saberi-Karimian a b, Hamideh Ghazizadeh a b, Mehdi Zanganeh Baygi c, Mina Minaie d, Farzaneh Sadeghi d, Hamed Pouraram e, Ibrahim Elmadfa f, Habibollah Esmaily a, Majid Khadem Rezaian a, Shima Tavallaei a, Maryam Mohammadi Bajgiran a, Reza Zare Feyz-abadi a, Ameneh Timar a, Payam Sharifan a, HamidReza Bahrami Taghanaki g, Mahdi Gholian g, Seyed Kazem Farahmand g, Zahra Abasalti g, Ehsan Mousa Farkhani g, Abbas

Akhgari h, AliAsghar Smailzadeh h, Hassan Izanloo i, Mohammad Nikpour j, Aliakbar Haghveysi j, Abolfazl Mohammadkarimi j, Ali Yaghoubi j, Alireza Rahimi j, Seyed Mehdi Tabatabaei k, Khodadat Sheikhzadeh k, Mahdieh Sheikhhi k, Fatemeh Shahraki k, Farzaneh Farajian l, Mostafa Salehizadeh l, Mahnaz Khanavi m, Farzaneh Ghanouni m, Sara Goudarzi m, Gordon A. Ferns n, Zahra Abdollahi d 1, Majid Ghayour-Mobarhan **The national health program for vitamin D supplementation in a developing country, Clinical Nutrition ESPEN, Volume 54, April 2023, Pages 52-59**