

## Curriculum Vitae

**First name:** Rokhsareh  
**Surname:** Meamar  
**Date of Birth:** 31/9/1970  
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Current appointment: Assistant professor, Isfahan clinical Toxicology research center, Isfahan. IRAN, Tel: 00983091206

### EDUCATION:

- **Ph,D from Department of Pharmacology, Isfahan Medical University, pharmacy School, Isfahan, Iran**  
**Major courses:**  
**Pharmacodynamic, pharmacokinetic**  
**Neuropharmacology, cardiopharmacology**  
**Endocrine pharmacology**  
**Toxicology**  
**Biotechnology and advanced pharmacology**

**Thesis project:** *In vitro* effects of glutamate and metabotropic GLU5 receptors in MDMA induced toxicity on stemness characteristic of the mouse embryonic stem cell.

- **1989-1996 MD, School of Medicine Isfahan University of Medical Sciences, Isfahan, Iran**

**Thesis project:** correlation between MS (multiple sclerosis) and viral disease in AL-zahra hospital

**WORK EXPERIENCE:**

2015-2018, Assistant professor, Isfahan Endocrine and metabolism center, Sedigeh Tahereh

2009- 2015, Assistant professor, Isfahan neurosciences research center, Al Zahra Hospital

Jan2005-2009, Research Assistant in royan institute, Isfahan, Iran

2003-2005, General Practitioner/Principal House Officer, shariati Hospital , Isfahan, Iran.

2001-2003, General Practitioner in beheshti hospital (genecology referral centre)

1997-2001, Research Assistant in Iranian breast cancer society, Tehran, Iran

1994-1996 Internship, Isfahan University of Medical Sciences teaching hospitals:

Internal Medicine	4 months
Surgery	3 months
Paediatrics	3 months
Obs & Gyn	2 months
Neurology	1 month
Ear, Nose, Throat	1 month
Psychiatry	1 month
Dermatology	1 month
Ophthalmology	1 month
<u>Rural Medicine Field</u>	<u>1 month</u>
Total	18 Months

**TEACHING EXPERIENCE:**

Symptomatology in medical science, Isfahan &khorasgan medical university (1999-2003)

Medical pharmacology, Nagafabad medical university (since 2003-2012)

Dentist pharmacology, for dentistry resident of khorasgan medical university

Teaching of neuropharmacology (Antidepressant, Anti psychotic, Anticonvulsant, Ant anxiety drugs) for neurology residents

**PROFESSIONAL QUALIFICATIONS:**

- 1) Cell Culture Protocols
- 2) Using of EST (embryonic stem cell test ) for evaluation of teratogenicity of MDMA and compare with negative and positive control for the first time in Royan institute
- 3) Evaluation effects of MDMA on cardiac differentiation as hanging protocol
- 4) Evaluation of viability of stem cell using MTT assay
- 5) Differentiation into neuron was carried out on EBs according to 2i/2<sup>+</sup>/2<sup>+</sup> protocol for the first time in Royan institute
- 6) Evaluation effects of MDMA on neuronal differentiation and compare with methamphetamine and amphetamine
- 7) Immunocyto & histochemistry for evaluation of stemness characteristic cell on stem cell and expression of mGlu5 receptor
- 8) Reverse Transcriptase PCR for evaluation of stemness characteristic cell on stem cell and expression of mGlu5 receptor
- 9) Real Time PCR for evaluation of stemness characteristic cell on stem cell and expression of mGlu5 receptor
- 10)Fluocytometry for evaluation of stemness characteristic cell on stem cell and expression of mGlu5 receptor Reverse Transcriptase PCR
- 11) Working on p19 cells and compare with mouse embryonic stem cell
- 12) Working with GFP(+)cells (this cell labeled for Oct4 marker) instead of embryonic stem cell and compare these groups
- 13) Evaluation of apoptosis that induced with MDMA and assessment of caspase3 activation with this drug

**PUBLICATIONS:**

- 1) Meamar R, Mirmohammadsadeghi H. Group-I metabotropic glutamate receptors: their dual role in neurotoxicity and neuroprotection. Razi 2007; 13(5):22-26
- 2) Meamar R, Minaian M. Evaluation the role of prolactin in breast cancer.Razi 2006; 207(3):29-34

- 3) **Meamar R**, Mirmohammadsadeghi H. Intracellular signaling and function of group I metabotropic glutamate receptors. *Razi* 2010;103(2):17-24
- 4) **Meamar R**, Karamali F , Mirmohamad Sadeghi H, Etebari M, Nasr-Esfahani MH , Baharvand H. Toxicity of ecstasy (MDMA) towards embryonic stem cell-derived cardiac and neural cells. *Toxicology in Vitro* xxx (2010) xxx–xxx.
- 5) **Meamar R**, Karamali F , Mousavi SA, Nasr-Esfahani MH , Baharvand H. Could ecstasy (MDMA) promote stemness characteristic in mouse embryonic stem cells via mGlu5 metabotropic glutamate receptors? *Cell Journal (Yakhteh)*. 2012; 14(3): 185-192.
- 6) **Meamar R**, Dehghani L, Karamali F. Toxicity effects of methamphetamine on embryonic stem cell-derived neuron. *Res Med Sci* 2012; 17(5): 470-4.
- 7) **Meamar R**, Nasr-Esfahani MH, Mousavi SA, Basiri K. Review article: stem cell therapy in amyotrophic lateral sclerosis. *J Clin Neurosci*. 2013 Oct 19. pii: S0967-5868(13)00357-3. doi: 10.1016/j.jocn.2013.04.024. [Epub ahead of print]
- 8) Foroughipour A, Norbakhsh V, Hosseinpour Najafabadi S, **Meamar R**. Evaluating sex hormone levels in reproductive age women with multiple sclerosis and their relationship with disease severity. *Res Med Sci* 2012; 17(5): 60-63.
- 9) Dehghani L, **Meamar R**. Comparison of the Effects of Ecstasy and methamphetamine on the RB1 Mouse Embryonic Stem Cells Differentiation into Neural Cells. *Journal of Isfahan Medical School*. Vol. 30, No. 214, 4th week, January 2013
- 10) Dehghani L, Sahraei H, **Meamar R** , Kazemi M. Time-Dependent Effect of Oral Morphine Consumption on the Development of Cytotrophoblast and Syncytiotrophoblast Cells of the Placental Layers during the three Different Periods of Pregnancy in Wistar Rats. *Clinical and Developmental Immunology*. Vol 2013, Article ID 974205, 6 pages <http://dx.doi.org/10.1155/2013/974205>
- 11) **Meamar R**, Ostadsharif M, Saadatnia M, Ghorbani A, Nouri N, Dehghani L, *et al*. Mutation analysis of *CACNA1A* gene in Iranian migrainous and review literatures. *J Res Med Sci* 2013;18:S6-S10.
- 12) **Meamar R**, Soltani N, Mohammadi N, Ostadsharif M. Thr698Thr (nt2369) polymorphism on *CACNA1A* gene and head pain severity in familial migraine. *J Res Med Sci* 2013;18:S11-S4.
- 13) **Meamar R**, Dehghani L, Ghasemi M, Saadatnia M, Basiri K, Faradonbeh NA, *et al*. Enalapril protects endothelial cells against induced apoptosis in Alzheimer's disease. *J Res Med Sci* 2013; 18:S1-S5.
- 14) Dehghani L, Hashemi-Beni B, Poorazizi E, Khorvash F, Shaygannejad V, Sedghi M, **Meamar R** Evaluation of neural gene expression in serum treated embryonic stem cells in Alzheimer's patients. *J Res Med Sci* 2013;18:S20-S23.

- 15) Vafaei Z, Mokhtari H, Sadooghi Z, Meamar R, Chitsaz A, Moeini M. Malnutrition is associated with depression in rural elderly population. *J Res Med Sci* 2013;18: S15-S9.
- 16) Meamar R, Maracy M, Chitsaz A, Ghazvini RA, Izadi M, Tanhaei AP. Association between serum biochemical levels, related to bone metabolism and Parkinson's disease. *J Res Med Sci* 2013; 18: S39-S42.
- 17) Sedghi M, Behnam M, Fazel E, Salehi M, Ganji H, Meamar R, *et al.* Genotype-phenotype correlation of survival motor neuron and neuronal apoptosis inhibitory protein genes in spinal muscular atrophy patients from Iran. *Adv Biomed Res* 2014;3:74.
- 18) Meamar R, Dehghani L, Ghasemi M, Khorvash F, Shaygannejad V. Stem Cell Therapy in Stroke: A Review Literature. *Int J Prev Med* 2013;Suppl 2: S139-46.
- 19) Shaygannejad V, Rezaei Dehnavi S, Ashtari F, Karimi S, Dehghani L, Meamar R, Tolou-Ghamari Z. Study of Type A and B Behavior Patterns in Patients with Multiple Sclerosis in an Iranian Population. *Int J Prev Med* 2013;Suppl 2: S279-83
- 20) Shaygannejad V, Khatoonabadi SA, Shafiei B, Ghasemi M, Fatehi F, Meamar R, Dehghani L. Olanzapine Versus Haloperidol: Which Can Control Stuttering Better? *Int J Prev Med* 2013;Suppl 2: S270-3.
- 21) Ahmadmsifaraz M, Forughipour A, Abedi H, Azarbarzin M, Dehghani L, MeamarR. Anxiety of Women Employees and The Process of Maternal Role. *Int J Prev Med* 2013;Suppl 2: S262-9.
- 22) Meamar R, Etedali F, Sereshti N, Sabour E, Dehghani Samani M, Piri Ardakani MR, Mirhosseini SMM, Maracy M. Predictors of Smoking Cessation and Duration: Implication for Smoking Prevention. *Int J Prev Med* 2013;Suppl 2: S194-200.
- 23) Meamar R, Askari GR, Ghasemi M, Aghaye Ghazvini MR, Vesal S, Sharifkhah M, Alaei faradonbeh N, Dehghani L. Is Anti-Cyclic Citrullinated Peptide Antibody a Good Value Biomarker for Alzheimer Disease? *Int J Prev Med* 2013;Suppl 2: S201-4.
- 24) Dehghani L, Meamar R, Askari GR, Khorvash F, Shaygannejad V, Foroughi Pour A, Haghjooy Javanmard SH. The Effect of Pioglitazone on the Alzheimer's Disease-Induced Apoptosis in Human Umbilical Vein Endothelial Cells. *Int J Prev Med* 2013;Suppl 2: S205-10.
- 25) Dehghani L, Meamar R, Etemadifar M, Askari GR, Shaygannejad V, Sharifkhah M, Tahani S. Can Vitamin D Suppress Endothelial Cells Apoptosis in Multiple Sclerosis Patients? *Int J Prev Med* 2013;Suppl 2: S211-15.
- 26) Sahraei H, Rostamkhani F, Tekieh E, Dehghani L, Meamar R, Kazemi M. Identification of Morphine Accumulation in the Rat Embryo Central Nervous System: A C14-Morphine Administration Study. *Int J Prev Med* 2013;Suppl 2: S222-28.
- 27) Alikhani P, Vesal S, Kashfi P, Etamadi Pour R, Khorvash F, Askari GR, Meamar R. Application and Preventive Maintenance of Neurology Medical Equipment in Isfahan Alzahra Hospital. *Int J Prev Med* 2013;Suppl 2: S323-9

- 28) Shaygannejad V, Emami Ardestani P, Ghasemi M, Meamar R. Restless Legs Syndrome in Iranian Multiple Sclerosis Patients: A Case-Control Study. *Int J Prev Med* 2013;Suppl 2: S189-93.
- 29) Ahmad Chitsaz, Mohammad Maracy, Keivan Basiri, Maryam Izadi Boroujeni, Amir Pouya Tanhaei, Marzieh Rahimi, and Rokhsareh Meamar. "25-Hydroxyvitamin D and Severity of Parkinson's Disease," *International Journal of Endocrinology*, vol. 2013, Article ID 689149, 4 pages, 2013. doi:10.1155/2013/689149
- 30) Ostadsharif M, Ghorbani A, Salehi M, Meamar R. Is there any Genetic Correlation between *CACNA1A* Gene and Common Migraine in Iran? *J Isfahan Med Sch* 2013; 31(245): 1105-13
- 31) Meamar R, Ghasemi M, Dehghani L. Comparing Anti-apoptotic Effects of Peroxisome Proliferator-Activated Receptor-Gamma and Angiotensin-Converting Enzyme Inhibitors using Human Umbilical Vein Endothelial Cells Exposed to Sera from Patients with Alzheimer's Disease and Healthy Controls. *J Isfahan Med Sch* 2014; 31(264):
- 32-Meamar R, Maracy M, Ghasemi M, Salesi M. The Role of Anti-cyclic Citrullinated Peptide Antibody from Joint to Brain. *J Isfahan Med Sch* 2014; 31(265):
- 33) Meamar R, Chitsaz A, Rahmanian M, Izadi-Boroujeni M. Evaluating Function of Parathyroid Gland Axis in Parkinson's Disease. *J Isfahan Med Sch* 2014; 31(266):
- 34) Maracy M, Etedali F, Safaie F, Ghasemi R, Meamar R. Risk factors associated with Fagerström status with nicotine dependence in referred smokers for cessation. *Int J Health Syst Disaster Manage* 2013;1:174-9.
- 35) Meamar M, Maracy M, Bahonar A, Etedali F, Nozari Gh, Dehghani Samani M, et al. Association of Sociodemographic Characteristic with Factors Related to Cigarette Abstinence in Isfahan Smokers. *J Isfahan Med Sch* 2014; 32(297):
- 36) Ostadsharif M, Meamar R, Asadian M, Izadi M, Javadi-Rad M, Chitsaz A, et al. Association of Vitamin D Receptor Genotypes in Sporadic and Familial Parkinsonism. *J Isfahan Med Sch* 2014; 32(305):
- 37) Meamar R, Chitsaz A, Aghaye-Ghazvini MR. Trace Blood Elements and Severity of Parkinson Disease. *J Isfahan Med Sch* 2015; 32(308):
- 38) Meamar R, Shaabani P, Tabibian SR, Aghaye Ghazvini MR, and Feizi A. The Effects of Uric Acid, Serum Vitamin D3, and Their Interaction on Parkinson's Disease Severity. *Parkinson's Disease* Volume 2015; 2015 Article ID 463483, 7 pages. <http://dx.doi.org/10.1155/2015/463483>
- 39) Basiri K, Ansari B, Meamar R. Frontotemporal dementia parkinsonism: Clinical findings in a large Iranian family. *Adv Biomed Res* 2015;4:37.
- 40) Basiri K, Abrishamkar S, Fatehi F, Ansari B, Meamar R. 'Cuff Sign' a new maneuver for decision-making in patients with carpal tunnel syndrome. *Advanced biomed Res* 2015;4:73.

- 41) Sufastaei R, Mohamadynejad P, Meamar R. The Association of A1438G Single Nucleotide Polymorphism in the 5-HT<sub>2A</sub> Receptor Gene with the Risk of Migraine Disease. *J Isfahan Med Sch* 2018; 36(476): 386-91.
- 42) Etemadifar M, Dehghani L, Ganji H, Soleimani R, Talebi M, Eskandari N, Samani FS, Meamar R. Evaluation of the circulating CD34+, CD309+, and endothelial progenitor cells in patients with first attack of optic neuritis. *Adv Biomed Res* 2015;4:151
- 43) Ansari B, Basiri K, Meamar R, Chitsaz A, Nematollahi Sh. Association of Helicobacter pylori antibodies and severity of migraine attack. *Iran J Neurol* 2015; 14(3): 125-9.
- 44) Ghasemi M, Abrishamchi F, Basiri K, Meamar R, Rezvani M. Can we define severity of carpal tunnel syndrome by ultrasound?. *Adv Biomed Res* 2015;4:138.
- 45) Foroughi pour A, Meamar R. The evaluation of Serum testosterone level in reproductive age women with multiple sclerosis and its relation with disease severity. *Yafteh*. 2015; 16 (4) :110-117
- 46) Ansari B, Meamar R, Chitcaz A. Is There Any Difference in the Levels of Antibodies against Helicobacter Pylori Infection between the Patients with Migraine Headache with or without Aura? *J Isfahan Med Sch* 2015; 33(356): 1796-803
- 47) Najafi MR, Saeidi Sh, Nematollahi Sh, Meamar R. Different Characteristics between the Generalized and Partial Epilepsy Based on the Family History of Epilepsy. *J Isfahan Med Sch* 2016; 33(360): 2036-42
- 48) Meamar R, Nematollahi S, Dehghani L, Mirmosayyeb O, Shayegannejad V, Basiri K, *et al*. The role of stem cell therapy in multiple sclerosis: An overview of the current status of the clinical studies. *Adv Biomed Res* 2016;5:46.
- 49) Meamar R, Nikyar H, Dehghani L, Basiri K, Ghazvini MR. Assessing of plasma levels of iron, zinc and copper in Iranian Parkinson's disease. *Adv Biomed Res* 2016;5:31
- 50) Meamar R, Nikyar H, Dehghani L, Talebi M, Dehghani M, Ghasemi M. The role of endothelial progenitor cells in transient ischemic attack patients for future cerebrovascular events. *J Res Med Sci* 2016;21:47.
- 51) Kaviani M, Karimi MT, Heidari E, Khorvash F, Meamar R, Marvi M. The Correlation between the Standing Stability and Fear of Falling in Patients with Stroke. *J Isfahan Med Sch* 2016; 33(364): 2225-31
- 52) Meamar R, Seyed Morteza Javadirad , Niloofar Chitsaz , Mojgan Asadian a, Mahdi Kazemi , Maryam Ostadsharif. Vitamin D receptor gene variants in Parkinson's disease patients, Egypt *J Med Hum Genet* (2016), <http://dx.doi.org/10.1016/j.ejmhg.2016.08.004>
- 53) Nouri, N., Memarzadeh, M., Salehi, M., Meamar, R., Behnam, M., Derakhshandeh, F., Kashkoolinejad, T. & Abdali, H. Prevalence of 22q11.2 microdeletion syndrome in Iranian patients with cleft palate. *Adv Biomed Res* 2016 Dec 27;5:201. doi, 10.4103/2277-9175.192728.

- 54) Aminorroaya A, Meamar R, et al, The TSH levels and risk of hypothyroidism: Results from a population based prospective cohort study in an Iranian adult's population..., *Eur J Intern Med* (2016), <http://dx.doi.org/10.1016/j.ejim.2016.12.019>
- 55) Mirmosayyeb O, Tanhaei A, Sohrabi HR, Martins RN, Tanhaei M, Najafi MA, Meamar R, Possible role of common spices as a preventive and therapeutic agent for Alzheimer's disease. *Int J Prev Med* 2017;8:5.
- 56) Meamar R, Ostadsharif M, Chitsaz A, Asadian Ghahfarokhi M, Kazemi M, Javadirad S M. Studying the Serum Factors Involved in the Metabolism of Vitamin D and Polymorphic Loci of VDR Gene on the Incidence of Parkinson's Disease in Isfahan Population. *amuj*. 2017; 20 (4) :46-54
- 57) Aminorroaya, A., Meamar, R., Amini, M., Feizi, A., Tabatabae, A. & Faghih Imani, E. Incidence of thyroid dysfunction in an Iranian adult population: the predictor role of thyroid autoantibodies: results from a prospective population-based cohort study. *Eur J Med Res*, 2017 Jun 2021;2022(2011):2021.
- 58) Feizi A, Meamar R, Eslamian M, Amini M, Nasri M, Iraj B. Area under the curve during GTT in first- degree relatives of diabetic patients as an efficient indicator of future risk of type 2 diabetes and prediabetes. *Clin Endocrinol (Oxf)*. 2017;00:1–10.
- 59) Karimi A, Delpisheh A, Ashtari F, Sayehmiri K, Meamar R. The relationship between the amount of radiation, relative humidity, and temperature with the risk of multiple sclerosis in Isfahan province, Iran, during the years 2001-2014. *Journal of Isfahan Medical School*. [Article]. 2017;35(427):434-9.
- 60) Kaviani M, Karimi MT, Heidari E, Khorvash F, Meamar R, Marvi M. The correlation between the standing stability and fear of falling in patients with stroke. *Journal of Isfahan Medical School*. [Article]. 2016;33(364):2225-31.
- 61) Najafi MR, Meamar R, Karimi N. Evaluation of Seizure Frequency Distribution in Epileptic Patients with Normal and Abnormal Electroencephalogram in Al-Zahra Hospital of Isfahan. *Adv Biomed Res* 2018;7: 46.
- 62) Gheissari A, Meamar R, Abedini A, Roomizadeh P, Shafiei M, Samaninobandegani Z, et al. Association of Matrix Metalloproteinase-2 and Matrix Metalloproteinase-9 With Endothelial Dysfunction, Cardiovascular Disease Risk Factors and thrombotic events in Children With End-stage Renal Disease. *Iran J Kidney Dis*. 2018;12(3):169-77.
- 63) Rezvani M, Abbasi R, Tabesh H, Dehghani L, Dolatkhah S, Nasri M, et al. Preoperative Mechanical Bowel Evacuation Reduces Intraoperative Bleeding and Operation Time in Spinal Surgery. *Asian Spine J*. 2018 Jun;12(3):459-465. doi(2018 Jun 4):10.4184/asj.2018.12.3.459.
- 64) Azadiyasouj, A., Meamar, R., Kargar, S., Moeinzadeh, F., & Azadiyasouj, A. (2017). Effect of Dietary Supplements on Laboratory Biochemical Parameters among Athletes. *Health Research*, 3(1), 53-62.
- 65) Meamar R, Maracy M, Nematollahi S, Yeroshalmi S, Zamani-Moghaddam A, Ghazvini MR. Effect of taking dietary supplement on hematological and biochemical parameters in male bodybuilders an equation model. *Iranian J Nursing Midwifery Res* 2015;20:681-8.



- 66) Ashtari F, Karimi A, Delpisheh A, Meamar R, Sayehmiri K, Daliri S. Estimated incidence rate of multiple sclerosis and its relationship with geographical factors in Isfahan province between the years 2001 and 2014. *Int J Prev Med* 2018;9:103
- 67) Gheissari, A., Meamar, R., Kheirollahi, M., Rouigari, M., Dehbashi, M., Dehghani, L., Abedini, A., 2018. TRPC6 Mutational Analysis in Iranian Children With Focal Segmental Glomerulosclerosis. *Iran J Kidney Dis* 12, 341-349.
- 68) Kollahdouzan M, Eslamian M, Harandizadeh M, Meamar R. Preventive Effect of Dexamethasone Therapy on the Transient Hypoparathyroidism through Total Thyroidectomy. *Iranian Journal of Otorhinolaryngology*. 2019:73-80
- 69) Ansari B, Etemadifar M, Najafi M, Nasri M, Meamar R. Neuronal autoantibodies in focal epilepsy with or without mesial temporal sclerosis. *Iran J Neurol* 2019; 18(1): ???-???
- 70) Yazdi-Zahrani R, Dorostkar A, Bakhshesh S, Raki-Shirzad M, Taheri A, Meamar R. Assessment of Knowledge and Attitude of General Population about Intoxication Factors in Isfahan City, Iran, During the Poisoning Prevention Week. *J Isfahan Med Sch* 2019; 37(515): 80-5.
- 71) Maryam Ghasemi Aliabadi<sup>1</sup>, Mohammad Reza Najafi, Rokhsareh Meamar\*, Shahrzad Nematollahi, Noushin Mehrbod, Mahsa Dastjerdi, Forouzan Moinzadeh. Evaluation of anterior pituitary hormonal profile in patients with first seizure of tonic-clonic and temporal lobe epilepsies in Al-Zahra hospital of Isfahan, Iran, during 2014-2016: comparison of hormonal profiles in 2 types of epilepsy. *Journal of shahrekord university of medical sciences*.2019;21(2):70-74
- 72) Rokhsareh Meamar, Hamidreza Nikyar, Ahmad Chitsaz, Leila Dehghani, Maryam Nasri Evaluation of related variables on endothelial progenitor cells in first transient ischemic attack. *Journal of shahrekord university of medical sciences*.2019;21(4):157-16
- 73) Mohammad-Reza Norouzi, Laleh Ghasemi-Mobarakeh, Hamidreza Gharibi, Rokhsareh Meamar, Fatemeh Ajallouei & Ioannis S. Chronakis. Surface modification of poly (ethylene terephthalate) fabric by soy protein isolate hydrogel for wound dressing application. *INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS*. 2019. DOI:10.1080/00914037.2018.1493684
- 74) Abedini A, Gheissari A, Meamar R, Vakhshoori M, Shafiei M, Najafi Tavana E. Association of Matrix Metalloproteinases-2, Metalloproteinases-9, and Endothelial Dysfunction with Carotid Intima-Media Thickness and Left Ventricular Mass Index in Children with End-Stage Renal Disease. *J Ped Nephrol* 2019;7(3).

- 75) Nasiri R, Dabagh S, Meamar R, Idris A, Muhammad I, Irfan M, et al. Papain grafted into the silica coated iron-based magnetic nanoparticles 'IONPs@ SiO<sub>2</sub>-PPN' as a new delivery vehicle to the HeLa cells. *Nanotechnology*. 2020;31(19):195603
- 76) Meamar, R., et al., Severity of the metabolic syndrome as a predictor of prediabetes and type 2 diabetes in first degree relatives of type 2 diabetic patients: A 15-year prospective cohort study. *World Journal of Diabetes*, 2020. 11(5): p. 202-212.
- 77) Gheissari, A. Meamar, R., et al., the Effect of Parental Consanguinity on Clinical Course and Outcome of Children with Focal Segmental Glomerulosclerosis, a Report from Isfahan, Iran. *Iranian journal of kidney diseases*, 2020. 14(5): p. 348-357.
- 78) Dorooshi G, Zoofaghari S, Meamar R. Serotonin toxicity following suicide with citalopram and lamotrigine: A rare case report and literature review. *J Res Pharm Pract* 2020;9:158-60.
- 79) Farzad Gheshlaghi , Mahsa Akafzadeh Savari , Rozita Nasiri , Anselm Wong ,Awat Feizi , Mohammad Reza Maracy , Gholamali Dorooshi , Rokhsareh Meamar & NastaranEizadi-Mood (2020): Efficacy of fresh frozen plasma transfusion in comparison with conventional regimen in organophosphate poisoning treatment: a meta-analysis study, *Critical Reviews in Toxicology*, DOI: 10.1080/10408444.2020.1823313
- 80) Ansari B, Dorooshi G, Lalehzar SS, Taheri A, Meamar R. Rhabdomyolysis and muscle necrosis induced by lead poisoning. *Adv Biomed Res* 2020;9:65.
- 81) Dorooshi G, Lalehzar SS, Nasri M, Meamar R. Thrombotic thrombocytopenic purpura with conjunctivitis in a patient with coronavirus disease 2019 infection. *Adv Biomed Res* 2020;9:71.
- 82) Tabatabaei F, Sharif MR, Nasr Esfahani H, Yazdi Zahrani R, Taheri A, Meamar R. Premature pubarche as a first presentation of pituitary macroprolactinoma. *J Res Med Sci* 2020;25:108.
- 83) Shafiee S, Heidarpour M, Sabbagh S, Amini E, Saffari H, Dolati S, Meamar R. Stem cell transplantation therapy for diabetic foot ulcer: a narrative review. *Asian Biomedicine*. 2021;15(1):3-18.
- 84) Gheshlaghi F, Wong A, Dorooshi G, Meamar R, Tabesh F, Aminsafaei H, Zoofaghari S, Eizadi-Mood N. Ten Yearsof Experience in Treating Patients With Digoxin Toxicity Without Using Digoxin Fab Antibody. *International Journal of Medical Toxicology and Forensic Medicine*. 2021; 11(1):31239. <https://doi.org/10.32598/ijmtfm.v11i.31239>
- 85) Rokhsareh Meamar, Sima Sabbagh, Mehdi Khorrami, Mojgan Asadian Ghahfarokhi, Ahmad Chitsaz, Majid Kheirollahi. Using whole exome sequencing in determining the genetic cause of Parkinson disease in an Iranian family. *Neurology Asia* 2021; 26(1) : 77 – 83

86- Meamar R, Chegini S, Varshosaz J, Aminorroaya A, Amini M, Siavosh M. Alleviating neuropathy of diabetic foot ulcer by co-delivery of venlafaxine and matrix metalloproteinase drug-loaded cellulose nanofiber sheets: production, in vitro characterization and clinical trial. *Pharmacological Reports*. 2021;1-14

87- Gholamali Dorooshi , Zahra Nabi Javid , Rokhsareh Meamar , Ziba Farjzadegan, Maryam Nasri, and Nastaran Eizadi-Mood. Evaluation of The effects of Anti-Inflammatory Drugs on Local and Systemic manifestations of snakebite: A cross-sectional study. *Journal of venom research*. 2021: 11

89-Tabatabaei M, Dorvashy G, Soltani R, Samsamshariat S, Meamar R, Sabzghabae AM. The safety and effectiveness of pharmacotherapy for opioid-overdose induced aspiration pneumonia in a referral poisoning management University hospital in Iran. *Journal of Research in Pharmacy*

90-Dorooshi G, Molavi N, Meamar R\*, Hasanzadeh A, Eizadi-Mood N. The Effects of Succimer and Penicillamine on Acute Lead Poisoning Patients. *International Journal of Medical Toxicology and Forensic Medicine*. 2021; 11(3):33474. <https://doi.org/10.32598/ijmtfm.v11i3.33474>

91- Dorooshi Gh, Akafzadeh Savari M, Nayeri F, Meamar R\*, Tarrahi MJ, Eizadi-Mood N. Electrocardiogram Changes in Patients With Acute Ethanol Poisoning. *International Journal of Medical Toxicology and Forensic Medicine*. 2021; 11(2):33353. <https://doi.org/10.32598/ijmtfm.v11i2.33353>

92- Meamar R\*, Ghasemi-Mobarakeh L, Norouzi M-R, Siavash M, Hamblin MR, Fesharaki M. Improved wound healing of diabetic foot ulcers using human placenta-derived mesenchymal stem cells in gelatin electrospun nanofibrous scaffolds plus a platelet-rich plasma gel: A randomized clinical trial. *International Immunopharmacology*. 2021;101:108282.

93-Rokhsareh Meamar, Awat Feizi, Ashraf Aminorroaya, Massoud Amini, Maryam Nasri Azamosadat Tabatabaei, Majid Abyar. Thyroid Stimulating Hormone Reference Range: Iranian Thyroid Cohort study .*Acta Biomed* 2021; 92: 5: e2021283

94-Esfahani SS, Tabatabaee A, Aminorroaya A, Amini M, Feizi A, Janghorbani M, Meamar R, et al. Isfahan Thyroid Cohort Study (ITCS). *Archives of Iranian medicine*. 2021;24(11):788-95.

95-Tabatabaei M, Soltani R, Dorooshi Gh, Samsamshariat Sh, Meamar R, Sabzghabae AM. Ampicillin-sulbactam for the Treatment of Aspiration Pneumonia in Patients with Opioid Overdose: A Randomized Controlled Clinical Trial. International Journal of Medical Toxicology and Forensic Medicine. 2021; 11(3):34657. <https://doi.org/10.32598/ijmtfm.v11i3.34657>

**CONFERENCE (oral presentation):**

- 1- Randomized controlled clinical trial for the treatment of diabetic foot ulcers, using drug loaded nanofibrous patch in 5<sup>th</sup> international and 7<sup>th</sup> Iranian Congress of Endocrinology and metabolism Updates 25-27 November 2019
- 2- Stem cell therapy in neurologic disorder at December 2010 in Al-Zahra hospital in neurologic congress in November 2011.
- 3- Stem cell and ALS in the first neuromuscular congress in Isfahan medical university at April 2012
- 4- Stem cell and stroke in november2012 in stroke congress in Isfahan, Iran
- 5-Stem cell therapy in Multiple sclerosis in international congress at November 2014
- 6- Randomized controlled clinical trial for the treatment of diabetic foot ulcers, using drug loaded nanofibrous patch in 5<sup>th</sup> International & 7<sup>th</sup> Iranian Congress of Endocrinology & Metabolism Updates Scientific Program Wednesday, November 20-22, 2019
- 7-The effect of Ferulic acid loaded on cyclodextrins Nanosponges (CD-NSs) on decreasing paracetamol induce necrosis in cell line MRC-5 lung, 13<sup>th</sup> International congress of medical laboratory and clinic 5-0 February 2022

**POSTER PRESENTATION:**

- 1- Evaluation of teratogenicity of MDMA on cardio- and neurogenesis using mouse embryonic stem cell. Clinical pharmacology conference, Quebec Canada, 2008.Meamar R, Karamali F, Mirmohammad Sadeghi H, Nasr-Esfahan M-H.
- 2- Toxicity effects of methamphetamine on embryonic stem cell-derived neuron. Rokhsareh Meamar , Leila Dehghani , Seyed Ali mousavi. in neurology congress at October 2012.
- 3- Is the *CACNA1A* Gene Involved in Common Type of migraine? Rokhsareh Meamar , Mohammad Saadatnia , Abbas Ghorbani neuron in neurology congress at October 2012.
- 4- Assessment of methamphetamine effects on embryonic stem cell-derived neuron in addictive biology 2012

- 5- **25 hydroxyvitamin D and severity of Parkinson disease in Isfahan-Iran. in neuroscience congress 2012, Meamar R, Izadi Maryam, Rahmanian Mohsen, Chitsaz A, Tanhaei AP**
- 6- **Cereblolysin for acute ischemic Stroke in stroke congress 2012**
- 7- **Effects of Ecstasy in Self-renewal Properties Mediated with Glutamate receptor in Mouse Embryonic Stem Cells in royan congress 2013 , Rokhsareh Meamar, Leila Dehghani, Fereshte Karamali, Hossein Baharvand, Mohammad Hossein Nasr-Esfahani**
- 8- **Angiotensin-Converting Enzyme Inhibitors have Beneficial Effects on endothelial Cell Dysfunction in royan congress 2013 Rokhsareh Meamar, Leila Dehghani, Majid Ghasemi**
- 9- **Comparison of the Effects of Ecstasy and methamphetamine on the RB1 Mouse Embryonic Stem Cells Differentiation into Neural Cells in addiction congress 2013**
- 10- **New drug in Multiple Sclerosis in 10 multiple sclerosis congress in Isfahan in October 2013**
- 11- **Transdermally applied myelin peptides in multiple sclerosis in 10 multiple sclerosis congress in Isfahan in October 2013 , Dr Rokhsareh Meamar, Dr Ahmad Chitcaz, Leila Dehghani**
- 12- **The Role of Stem Cell Therapy in Multiple Sclerosis: an Overview of the Current Status of the Clinical Studies. The 2nd Annual Congress Stem Cells Research and Application (22-23 May 2014, Mashhad-Iran)**
- 13- **A Novel Predicted Target for miR-126 Involved in Neurotrophin Signaling Pathway and Cancer Stem Cell Formation in Glioma .Volume 16, Supplement 1, Summer 2014,presented at Royan International Twin Congress 10th Congress on Stem Cell Biology and Technology Pages: 164-164**
- 14- **Role of decrease level of Glucose As a rare complication in Methadone Toxicity with loss of consciousness in 13<sup>th</sup> annual international addiction science congress 21-23 August 2019**
- 15- **Overdose and Pre-hospital care in 13<sup>th</sup> international addiction Congress 21-23 August 2019**
- 16- **Clinical and -epidemiological evaluation of patients with pesticides poisoning: A five years cross sectional study in the referral poisoning center in 13th International congress of medical laboratory and clinic 5-0 February 2022**
- 17- **Evaluation of the causes of thrombocytopenia in patients with acute poisoning with pesticides in 13th International congress of medical laboratory and clinic 5-0 February 2022**

## **BOOK PUBLICATION:**

- 1- Medical pharmacology
- 2- Stem cell and multiple sclerosis
- 3- A handbook of clinical pharmacology for medical students
- 4- Translation of illustrated pharmacology (lippincot)

## **SCHOLARSHIPS**

- 1-1998, Iranian breast cancer society certificate
- 2- Referee for cell journal and International journal of fertility &sterility
- 2-Refree for Journal of research of medical science and advanced biomedical research and advance biomedical research journals in Isfahan University
- 3-Refree and editorial\_board in Iranian journal of basic medical science
- 4- Determination as a academic member in Stroke conference committee in Isfahan medical university
- 5-Scientific secretary in nanotechnology in pharmacy conference in Isfahan University of medical science.
- 6- Scientific secretary in methodology conference in Isfahan University of medical science.
- 7- Scientific secretary in HPL workshop in Endocrine and metabolism research center

## **AWARDS:**

- 1- Ezama Awards of addiction congress for article” Assessment of methamphetamine effects on embryonic stem cell-derived neuron” in 2012
- 2- Ezama Awards of addiction congress for article “Comparison of the Effects of Ecstasy and methamphetamine on the RB1 Mouse Embryonic Stem Cells Differentiation into Neural Cells in 2013
- 3- جایزه خادمین مکتوب و کتاب برگزیده سال بابت کتاب کاربرد بالینی داروها در یک نگاه
- 4- جایزه ویژه بابت انتخاب پژوهشگر نمونه در دانشگاه علوم پزشکی اصفهان در سال ۱۳۹۲

5- جایزه ویژه بابت انتخاب پژوهشگر نمونه در دانشگاه علوم پزشکی دانشگاه آزاد اسلامی نجف آباد در سال ۱۳۹۲

6- جایزه ویژه بابت انتخاب پژوهشگر نمونه در دانشگاه علوم پزشکی دانشگاه آزاد اسلامی نجف آباد در سال ۱۳۹۳

7- جایزه ویژه بابت انتخاب پژوهشگر نمونه در سطح استان اصفهان ۱۳۹۳

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