

## 2<sup>nd</sup> International and 23<sup>rd</sup> Iranian Congress of Physiology and Pharmacology

### Poster presentations

(Third day, Saturday, 02/17/2018, 28/11/1396)

Diabetes Mellitus		
Code	Title	Presenter
P-25-01	The effect of aqueous extract of Capparis decidua in wound healing in male diabetic rats	Farzaneh Farajian Mashhadi
P-25-02	Putrescine as a chemical chaperone inhibited the alpha-Crystalline glycation	Masoumeh Feizi
P-25-03	L-lys, as a chemical chaperone, attenuate autophagy and unfolded protein response (UPR) in semi diabetic condition of various cell lines	Seyed Mehdi Ebrahimi
P-25-04	Effects of Exendin-4 on type 2 diabetes complications	Akram Ahangarpour
P-25-05	Effect of crocin on spermatogenesis in experimentally-induced diabetes in rat	Fariba Namdar
P-25-06	The protective effects of estrogen on postmenopausal diabetic cardiovascular dysfunction: Role of membrane estrogen receptor	Mohammad Khaksari
P-25-07	Atorvastatin pretreatment of diabetic rats and intensity of renal ischemia reperfusion injury	Foruzan Hosseini
P-25-08	The protective effect of Astaxanthin on adverse effect of hyperglycemia induced by STZ in retinal tissue of rat	Farideh Bahrami
P-25-09	The Effects Of Artemisia Turanica On Levels Of Serum Glucose And Cholesterol In Diabetic Rat	Hassan Bagheri Yazdi
P-25-10	Comparison of serum betatrophin levels in newly diagnosed and chronic diabetic patients	Leila Pirmoradi
P-25-11	Histological and histomorphometric changes of prostate gland in diabetic rats treated with Aloe Vera	Hamid Reza Ghaffari
P-25-12	The effect of Teucrium polium and Achillea millefolium Decoction on serum glucose, serum lipids and liver enzymes in Streptozotocin-induced diabetic rats	Alireza Mir
P-25-13	Nitrite induces browning of inguinal white adipose tissue in obese type 2 diabetic rats: A stereological study	Tarlan Varzandi
P-25-14	Effects of Thymus daenensis extract alone or with atorvastatin on hyperlipidemia in diabetic and hyperlipidemic induced rats	Mahmoodreza Moein
P-25-15	Effects of sodium nitrate administration on cell blood count in type 2 diabetic male rats	Vajiheh Khorasany
P-25-16	The role of FOXO1 (Forkhead box protein O1) in improving hyperglycemia following oral administration of magnesium sulfate in Streptozotocin-induced diabetic rats	Ayeshe Barooti
P-25-17	The effect of Bisphenol A on insulin secretion and pancreatic islets apoptosis in mice at Invitro condition	Golshan Afshari

P-25-18	Effect of hydroalcoholic extract of <i>Dracocephalum polychaetum</i> on serum levels of glucose, lipids and some serum biochemical factors in diabetic rats	Somayeh Nazari
P-25-19	Effect of Different <i>Juglans Regia</i> Leaf Extracts on Distribution and Activity of Aldose Reductase in Testis and Lens and Erythrocytic Sorbitol Content of Diabetic Male Rat	Zahra Abbasi
P-25-20	The Effect of long term administration of <i>Rosa canina</i> L. fruits ethanolic extract on hyperalgesia in STZ induced diabetic neuropathy in male rats	Masoumeh Mirzaei
P-25-21	Using the hyperinsulinemic euglycemic clamp to assess insulin sensitivity following Magnesium sulfate administration	Shahla Sohrabi pour
P-25-22	The Effects of <i>Withania Somnifera</i> on Serum Liver Enzymes in Fructose Drinking Water Male Rats	Saideh Dadpish eh
P-25-23	The effect of ghrelin injection on serum glucose & insulin secretion in rats after an overnight fasting	Fatemeh Goshadrou
P-25-24	Effect of long term administration of oral magnesium sulfate and insulin to improve STZ-induced hyperglycemia via AKT2 and IRS1 genes expression in rat	Mitra Kamran
P-25-25	The effect of Eugenol on insulin resistant and plasma antioxidant activity in high fructose drinking water in male rats	Tahere Safari
P-25-26	Effect of the Administration of <i>Solanum nigrum</i> Fruit on Prevention of Diabetic Nephropathy in Streptozotocin-induced Diabetic Rats	Fariba Azarkish
P-25-27	Effects of <i>Trigonella foenum graecum</i> (Fenugreek) on blood glucose level and oxidative stress injury in heart tissue of Streptozotocin induced diabetic Rat	Soleyman Bafadani
P-25-28	Effect of Celecoxib and nitregeric system interaction on diabetic neuropathy in diabetic rats	Samaneh Sadat Alavi
P-25-29	Swimming Exercise Improves Inflammatory Cytokines, Inflammation-Related miR-146a Expression through NF- $\kappa$ B Signaling Pathway In Pancreas Of Type-2 Diabetic Rats	Rafiqhe Ghiasi

#### Herbal and Traditional Medicine

Code	Title	Presenter
P-26-01	Evaluation of antimicrobial activity of Saffron hydroalcoholic extract against <i>Listeria monocytogenes</i>	Maryam Rezaei nasab
P-26-02	Effect of Hydroalcoholic Extract of <i>Vaccinium macrocarpon</i> on Blood Factors in Rats Treated with Ethylene Glycol	Neda Ehrami
P-26-03	Investigation of Anti-inflammatory effect of <i>Tanacetum balsamita</i> in male mice with Xylene test	Sima Nasri
P-26-04	Protective effect of microalgae <i>Chlorella vulgaris</i> against carbon tetrachloride induced liver injury in rats	Javad Jamshidian

P-26-05	Durability Comparison of the Coriandrum Sativum Hydroalcoholic Extract on Spatial Memory and Passive Avoidance Memory in Mice	Khadije Rashidi mehr
P-26-06	Combination of Origanum vulgare L. and Epimedium grandiflorum L. extracts efficiently improves reproduction in adult male NMRI mice	Nazanin Shaygan
P-26-07	Effect of hydroalcoholic extract of Salvia Officinalis leaves on threshold of seizure induced by Pentylenetetrazole (PTZ) in mice	Tahere Yaghoubi
P-26-08	Inhibition of cell cycle progression of primary breast cancer epithelial cells isolated from breast tumors of Iranian women, after treatment with crocin	Nassim Faridi
P-26-09	Predisposing effects of bisphenol-a in metabolic syndrome: V. vinifera (grape) seed extract and a protective role	Maryam Rameshrad
P-26-10	Associations between Maternal Separation stress and Morphine Addiction	Manijeh Dogani
P-26-11	Survey analgesic effects of Mentha Spicata aqueous extract in rats	Mahsa Poorjangi
P-26-12	Effect of hydroalcoholic extract of Citrullus Colocynthis seeds on serum glucose and lipids in diabetic rats and antioxidant properties	Mahsa Poorjangi
P-26-13	The Effects of ginseng on Motor Coordination in a rat model of Alzheimer's disease	Fatemeh Fereidooni
P-26-14	Effects of Lepidium meyenii L. on anxiety and depression-like behaviors of adult male mice	Reyhaneh Zare Soheili
P-26-15	Olive Leaves Extract Improved Sperm Quality and Antioxidant Status in the Testis of Rat Exposed to Rotenone	Ozra Khajavi
P-26-16	The protective effects of pharmacologic post-conditioning of hydroalcoholic extract of Nigella Sativa on functional activities during ischemic-reperfusion in isolated rat heart	Mina Ghoreyshi
P-26-17	The synergistic effect of aqueous fresh garlic extract with fluconazole against candida albicans	Tahere Yavari
P-26-18	The neuroprotective effects of hydro-alcoholic extract of olive (Olea europaea L.) leaf on rotenone-induced Parkinson's disease in rat	Ozra Khajavi
P-26-19	In Vitro efficacy of Pelargonium roseum Essential Oil Against Echinococcus granulosus Protoscoleces	Mohammad Reza Youssefi
P-26-20	Effect of Hydroalcoholic Extract of Aloysia triphylla on Pentylenetetrazole -Induced Seizure in male Mice	Elahe Naz Parsi Mood
P-26-21	Leishmanicidal activity of steroidal saponin isolated from Allium species on leishmania major	Masoud Sadeghi Dinani
P-26-22	Evaluation of peritoneal lavage of honey following peritoneal adhesion induced oxidative stress on rat	Zahra Saneifar

P-26-23	The effect of diet containing 20% of bene fruit ( <i>pistacia atlantica</i> ) on level of testosterone, zinc and sperm counts and motility in male rat	Manijeh Dogani
P-26-24	Anti-inflammatory properties of honey on peritoneal adhesion: animal study	Pouria Rahmani-an-Devin
P-26-25	Study the effect of continuous beetroot juice intake on oxidative stress, nitric oxide metabolites in adult rats	Khadijeh Farrokhsfall
P-26-26	Effect of Bromelain on apparent abnormalities induced by bisphenol A in rat fetus	Javad Jamshidian
P-26-27	Evaluation of Some Neuropharmacological Effects of <i>Artemisia sieberi</i> Essential oil in Murine Model	Mohaddeseh Abouhosseini Tabari
P-26-28	Effect of Anise Fennel extract on forced swimming test in rats	Mohammad Sofiabadi
P-26-29	Effect of hydroalcoholic extract of <i>Levisticum officinale</i> on serum levels of alkaline phosphatase and urea in diabetic rats	Nahid Ghaedi
P-26-30	Comparative of Histologic and histomorphometric changes of proximal and distal part of the Sciatic nerve in diabetic rat treat by Aloe Vera gel extract	Hamid Reza Ghaffari
P-26-31	Medicinal effects of pomegranate shells extract	Mohammad Movagharnezhad
P-26-32	Protective effect of <i>Sambucus ebulus</i> extract on Albendazole -induced histomorphometric changes in placenta of rat	Mahmoud Khaksary Mahabady
P-26-33	Anxiolytic and Hypnotic Effects of Aqueous and Hydroalcoholic Extracts of <i>Salvia officinalis</i> in Adult Mice	Masoud Teimori
P-26-34	The effect of alcoholic extract of <i>Cyperus Longus</i> in acute and chronic inflammation in mice	Bahram Bibak
P-26-35	The protective effect of walnut extract in ulcerative colitis model	Zakieh Keshavarzi
P-26-36	Protective effect of saffron extract on vancomycin-induced nephrotoxicity	Maryam Jenabi
P-26-37	Anti-aging effect of <i>Nigella sativa</i> fixed oil on the liver of mice	Mahdieh Jafari Shahroudi
P-26-38	Anti-melanogenic activity of <i>Viola odorata</i> different extracts on B16F10 murine melanoma cells	Vafa Baradaran Rahimi
P-26-39	The Effect of Ginger ( <i>Zingiber officinale</i> Roscoe) Extract on Oxidative Stress Induced by Ethanol in Kidney of Male Rat	Abolfazl Akbari
P-26-40	Anti-inflammatory and immunomodulatory effects of Curcumin in ovalbumin-sensitized rat	Farzaneh Shakeri

P-26-41	Administration of <i>Nigella sativa</i> during neonatal and juvenile growth period improved liver function of propylthiouracil- induced hypothyroid rats	Farimah Beheshti
P-26-42	Effects of aqueous extract of <i>Echinops persicus</i> and Seeds of <i>Coriandrum Sativum</i> L on oxidative stress parameters in rat model of Two-Kidney, One-Clip Goldblatt Hypertension	Reyhaneh Sotoudeh
P-26-43	The effect of <i>Medicago Sativa</i> on cyclophosphamide induced thrombocytopenia and oxidative stress in rat	Vajiheh Rouki
P-26-44	Apoptotic Effects of Calycopterin on the Growth Inhibition of Prostate Cancer Cells	Reza Lotfizadeh
P-26-45	Comparison of Lovastatin and Aqueous Extract of <i>Cuminum cyminum</i> on cholesterol and Triglyceride serum in Hyperlipidemia Male Rats	Narges Rezaei
P-26-46	The effects of <i>Nigella sativa</i> extract on renal tissue oxidative damage during neonatal and juvenile growth in propylthiouracil-induced hypothyroid rats	Reza Mohebbati
P-26-47	Safety and tolerability of carvacrol in healthy subjects: a phase I clinical study	Vahideh Ghorani Sirjani
P-26-48	Comparison of the efficacy of <i>Hypericum</i> extraction with phenytoin in diabetic and non-diabetic wound healing in rats	Maryam Maleki
P-26-49	Serum levels of total protein, phospholipase A2 and histamine affected by carvacrol in asthmatic guinea pigs	Sediqeh Jalali
P-26-50	The effects of <i>Nigella sativa</i> and Thymoquinone on splenocytes responses of moderate exercised rats	Zahra Jahangiri
P-26-51	The Study of Histological Effects of Aqueous Extract of <i>Anacyclus Pyrethrum</i> on Spermatogenesis in Rats	Mohammad Reza Arab
P-26-52	Effect of wet cupping on bilirubin level in neonatal physiologic jaundice	Sheida Kolahi Jahromi
P-26-53	Investigation on the inhibitory effect of <i>Carla extract Staphylococcus aureus</i>	Maryam Eslami
P-26-54	Investigation on the inhibitory effect of <i>momordica charantia</i> ethanolic extract on <i>Escherichia coli</i> O157	Maryam Eslami
P-26-55	Benign prostatic hyperplasia and herbal drug treatment	Taghi Ghafghazi

Neurosciences		
Code	Title	Presenter
P-27-01	Infralimbic of prefrontal cortex Cannabinoid-receptors induced facilitation of fear memory extinction in rats	Shahla Nourizade
P-27-02	Specific and non-specific thalamocortical afferents to the whisker-related sensory cortical region in congenital hypothyroid rats	Mohammad Reza Afarinesh
P-27-03	Investigation the effects of administration of valproate before the sex mature on locomotor activity, balance and serum profile of rats	Raha Zalkhani
P-27-04	Effects of postnatal administration of homocysteine on cerebellum in rat: Behavioral and biochemical evaluations	Hakimeh Koohepeyma
P-27-05	Microinjected of quinpirole into hypothalamic paraventricular nucleus increased food intake in 18 hours food-deprived rats	Morteza Salimi
P-27-06	The Effect of alcohol consumption during pregnancy and lactate on tactile discrimination and novel object recognition in mice newborns	Mansoureh Sabzalizadeh
P-27-07	Effect of repeated administration of CRH into the hypothalamic paraventricular and central amygdala nuclei on serum leptin levels and body weight in male rats	Atefeh Rayatpour
P-27-08	The effect of amino guanidine hydrochloride (selective iNOS inhibitor) on titanium dioxide (TiO <sub>2</sub> ) nanoparticle-induced brain oxidative damage in neonate rats	Amir Asghari
P-27-09	Vitamin C improves liver and renal function in hypothyroid rats by reducing tissue oxidative injury	Vajiheh Alikhani
P-27-10	Effects of acute and chronic administration ghrelin on tight junction proteins integrity in the hypoxic brain	Fezveh Hosseinzadeh
P-27-11	The effect of HTLV-1 infection on locomotor activity and brain tissues oxidative stress in male Balb/c mice	Mahdiyeh Hedayati
P-27-12	Orexin receptor 1 in the orbitofrontal cortex regulate delay-based decision making	Gholam-Ali Hamidi
P-27-13	Differential Effects of Parity, Stress and Fluoxetine Treatment on Locomotor Activity and Swimming Behavior in Rats	Nur Hidayah Kaz Abdul Aziz

Respiratory System		
Code	Title	Presenter
P-28-01	Investigating the individual factors associated with readmission of patients with pulmonary tuberculosis at Bu-Ali Hospital in Zahedan in 2015	Farzaneh Jahantigh
P-28-02	The study of ethanol effects on microscopic structure of the lung in rat	Amir Fotovati
P-28-03	The effect of inhaled corticosteroid on breathing pattern complexity in ovalbumin-sensitized rats	Parisa Enayati
P-28-04	Comparison of Differential Cell Counts in Samples of Broncho Alveolar Lavage in Diagnosis of Patients with and without Tuberculosis	Elahe Naz Parsimood

P-28-05	Serum Level of Vascular Endothelial Growth Factor in Patients with Active Pulmonary Tuberculosis Admitted at Boo-Ali Hospital of Zahedan Comprising to Control Group in 2012	Elahe Naz Parsi mood
P-28-06	The effect of inhaled corticosteroids after OVA exposure on breathing pattern complexity as well as airway remodeling and inflammation in animal models of asthma	Ehsan Aref
P-28-07	Evaluating the protective effect of respiratory biofeedback on reduced breathing pattern complexity and constricted airways due to short-term stress in patients with controlled asthma	Kolsoum Dehd ar
P-28-08	Lactate dehydrogenase: a sensitive and feasible biomarker in pulmonary fibrosis induced by bleomycin in rats	Hossein Fatemi kia
P-28-09	The impact of Rho-kinase inhibition on bronchodilatory effect of deep inspirations in ovalbumin-sensitized guinea pigs	Saeed Pazhoohan
P-28-10	The effect of captopril on total and differential WBC and oxidative stress in the experimental model of lung inflammation induced by Lipopolysaccharide	Javad Boskabad i
P-28-11	The relaxant Effect of Berberine on rat tracheal smooth muscle and its possible mechanisms	Farzaneh Nagh di
P-28-12	Effect of amino guanidine on lipopolysaccharide-induced systemic inflammation in rats	Fatemeh Amin
P-28-13	Effects of Viola tricolor Flower Hydroethanolic Extract on Lung Inflammation in a Mouse Model of Chronic Asthma	Elham Harati
P-28-14	Effect of amino guanidine on lipopolysaccharide-induced lung inflammation in rats	Saeideh Saadat
P-28-15	The effect of Zataria multiflora on pulmonary function tests, respiratory symptoms and inflammation in asthmatic patients	Azam Alavinezhad
P-28-16	The effect of Zataria multiflora on pulmonary function tests, hematological and oxidant/antioxidant parameters in chemical war victims exposed to sulfur mustard, a randomized doubled-blind clinical trial	Mohammad Reza Khazdair

### Learning and Memory

code	Title	Presenter
P-29-01	Investigation of the effective dose of magnesium on the enhancement of learning and memory in adults rat brain	Shahnaz Hajizade
P-29-02	Evaluating the Effect of Jammer Radiation on Learning and Memory in Male Rats	Manzar Banoo Shojaeifard
P-29-03	Interactive effects of different visual emotional content and inhaled Oxytocin on working memory of rhesus monkey	Shahab Aldin Zarei
P-29-04	Survey of effect of type of anesthesia on outbreak of delirium in patients after eye surgery	Athare NazriPanjaki

P-29-05	Durability Comparison of the Salvia Officinalis Hydroalcoholic Extract on Spatial Memory and Passive Avoidance Memory in Mice	Tahere Yaghoubi
P-29-06	Ameliorative effect of probiotic mixture on spatial memory impairment in an animal model of PTZ-induced seizure	Samaneh Bagheri
P-29-07	Evaluation the effects of crocin on spatial memory impairment induced by hyoscine and its effects on ERK, p.ERK, CaMKII, p.CaMKII, NMDA and AMPA protein levels in rat hippocampus	Soghra Mehri
P-29-08	A brain on a roller coaster: Can the dopamine reward system act as a protagonist to subdue the ups and downs of bipolar disorder?	Shokouh Arjmand
P-29-09	The impact of light deprivation on spatial and fear memory in rat	Katayoun Sedaghat
P-29-10	The effect of nucleus accumbens core 5HT-3 receptor agonist on the amnesia induce of ethanol in Wistar rat	Narges Khodabakhshi Sadegh-Abady
P-29-11	Orexin receptor one in the anterior cingulate cortex regulate effort-based decision making	Sara Karimi
P-29-12	High-dose alpha-tocopherol improved memory impairment induced via proteasome inhibition in rat hippocampus	Ali Nesari
P-29-13	Effect of ethanol in novelty seeking behavior of rat	Samira Geravand
P-29-14	The effect of CB1 and OX2 receptors antagonist administration into the VTA nucleus on the acquisition of nicotine-induced condition place preference	Reza Fartootzadeh
P-29-15	Sex differences in sleep loss- induced cognitive deficits: influence of gonadal hormones	Vahid Hajali
P-29-16	Chronic Morphine impairs Short-term memory	Seyed Hossein Marashi
P-29-17	Behavioral study of epigallocatechin gallate effect on remyelination or rat hippocampal formation following lysolecithin induce demyelination	Dorna Dehghani
P-29-18	Protective effects of different doses of crocin on cognitive memory in rats under chronic restraint stress	Azadehalsadat Hosseini Dastgerdi
P-29-19	Evaluation of depression, memory and learning and muscle strength in middle-aged male rats and the effect of rose and nettle root extracts on them	Mohsen Abedini Esfahlani
P-29-20	Evaluating the effects of meloxicam on the spatial memory in male rats	Mahdieh Anoush
P-29-21	Evaluation of behavioral and molecular effects of nicotine and o-Acetyl L-carnitine on testosterone enanthate_induced spatial memory acquisition deficits in Morris water maze in hippocampus of male rats	Haniyeh Rezaie
P-29-22	A behavioral and molecular study on effects of central insulin on scopolamine-induced spatial memory impairment, considering JNK, P38, ERK and Caspase-3	Sahar Askari
P-29-23	Atorvastatin Ameliorates Behavioral and Neurological Deficits in a D-Galactose-Induced Aging Mouse Model	Iman Fatemi
P-29-24	Evaluation of behavioral and molecular effects of testosterone enanthate on spatial memory retention in Morris water maze in CA1 region of hippocampus of male rats	Sahar Fanoudi

P-29-25	The effect of 5HT3 antagonist receptor of the ventral hippocampal on amnesia induce by ethanol in mice	Masoumeh Asadi Motlagh
P-29-26	Erythropoietin suppresses harmaline-induced tremor in rat model of essential tremor	Fatemeh Mohammadi
P-29-27	Evaluation of the effect of modafinil on testosterone enanthate-induced spatial learning deficits in Morris water maze and assessment of hippocampal neurogenesis in male rats	Maryam Belaran
P-29-28	Evaluation of the effect of modafinil on spatial learning in Morris water maze and assessment of hippocampal neurogenesis in male rats	Maryam Belaran
P-29-29	Behavioral effect of magnesium oxide nanoparticle on improved spatial memory deficits by amyloid beta in male Wistar rats	Donya Korehbandi
P-29-30	Behavioral effects of Artemisia vulgaris hydroalcoholic extract on improvement of spatial memory impairment by beta-amyloid peptide in male Wistar rats	Neda Shafeghat
P-29-31	Carbamylated erythropoietin-Fc has neuroprotective effects against amyloid-beta(25-35)-induced learning and memory impairment in male rats	Etrat Hooshmandi
P-29-32	Investigating the behavioral effect of juniperus excelsa hydro alcoholic extract on improving memory damaged by beta amyloid in Wistar rats	Faride Sadeghi
P-29-33	Behavioral effects of hydroalcoholic extract of juniperus excelsa on improvement of memory and damaged passive avoidance learning by acute immobilization stress in Wistar Male Rats	Zahra Musavi
P-29-34	Glibenclamide improves learning and memory in Streptozotocin induced diabetic rats	Mohammad Hossein Esmaeili
P-29-35	The role of NMDA receptors located in the basolateral amygdala on stress-induced spatial learning and memory in male Wistar rat	Ahmad Rafia
P-29-36	Comparative effect of repeated doses of gabapentin and pregabalin on the cognitive memory of rat in object recognition task	Ali Hosseini-Sharifabad
P-29-37	Long-term follow-up of Cognitive impairments induced by intracerebroventricular injection of 0.5 mg/Kg dose of Streptozotocin	Farzaneh Rostami
P-29-38	Effect of physical activity pretreatment on the severity of orofacial pain and pain-induced learning impairment in rats	Razieh Kooshki
P-29-39	The mechanism of insulin protective effect on neuroinflammation	Pegah Javadpour
P-29-40	PKM $\zeta$ contributes in consolidation, retrieval and maintenance of amygdala dependent fear memory in rats	Bentolhoda Amirs habani
P-29-41	Cognitive Process in patients with Obsessive – Compulsive disorder: Cross-sectional descriptive-analytic study	Saeid Yazdi-Ravandi
P-29-42	Differential effects of prenatal and early postnatal nicotine exposure on learning ability in mice: Novel Object versus Novel Texture Recognition task	Fatemeh Mafi
P-29-43	Investigation of the mechanism of effect of nandrolone on retrieval of the passive avoidance memory in adolescent male rats	Fatemeh Zarei
P-29-44	The effect of intracerebroventricular injection of Nandrolone decanoate on spatial learning and memory in adolescent male rats	Zahra Salimi

P-29-45	The effect of passive avoidance learning on the amount of LTP obtained by high- frequency stimuli in male rats' live hippocampal slices	Mojgan Veisi
P-29-46	Examination of Behavioral and Electrophysiological Role of NMDA and GABA A Receptors in the shell of the Nucleus Accumbens on Learning in Methamphetamine-treated rats	Soomaayeh Heysie attalab
P-29-47	Effect of Pentylenetetrazole on morphine state-dependent learning in CA1 region of rat hippocampus: the CREB mRNA expression	Marziyeh Tavassol i
P-29-48	Functional interaction between CB1 and OX2 receptors in the nucleus accumbens core in the acquisition and expression of nicotine-induced condition place preference	Parham Reisi
P-29-49	Beneficial Effects of Teucrium polium and Metformin on Diabetes-Induced Memory Impairments and Brain Tissue Oxidative Damage in Rats	Narges Marefati
P-29-50	Effects of OX2 receptor antagonist administration into the nucleus accumbens core on the acquisition and expression of nicotine-induced condition place preference	Reza Fartootzadeh
P-29-51	Effects of Cinnamic Acid on Memory Deficits and Brain Oxidative Stress in Streptozotocin-induced diabetic mice	Soheila Alboghobesh
P-29-52	Single-neuron activity in the nucleus accumbens on the extinction and reinstatement morphine-induced conditioned place preference: the key role of the NMDA and AMPA receptors in the reward-associated behaviors	Ali Siahposht-Khachaki
P-29-53	Pioglitazone attenuates harmaline-induced spatial learning and memory impairments in male rats	Moazamehosadat Razavinasab
P-29-54	Improving effect of voluntary exercise on cognitive impairments followed by sleep deprivation in ovariectomized (OVX) female rats	Mohammad Amin Rajizadeh
P-29-55	The effect of intra-nucleus accumbens injection of baclofen on spatial memory in stressed male rats	Soodeh Rajabi
P-29-56	Effects of intraperitoneal administration of the GABAB receptor agonist baclofen on spatial memory in stressed male rats	Majid Askaripour
P-29-57	The effect of Constant stress on spatial memory, learning, anxiety behaviors and depression in male mice	Amirhossein Niksiyar
P-29-58	Age dependent effect of intra -nucleus accumbens shell of ascorbic acid and receptor D2 agonist (bromocriptine) on spatial learning and memory	Reyhaneh Naderi
P-29-59	Investigating the Role of Hippocampal Cholinergic Muscarinic Receptors on Memory in Rats Deprived of Total Sleep (TSD) and REM Sleep (RSD) for 6 hours	Bibi Zahra Javadmoosavi
P-29-60	Memory enhancement and protective effects of crocin against D-galactose aging model in the hippocampus of Wistar rats	Somaye Heidari
P-29-61	The protective role of Kisspeptin in learning and memory impairment due to injection of intra- hippocampal amyloid beta in rats	shima Ebrahimi Khonacha

Neurodegenerative Diseases		
Code	Title	Presenter
P-30-01	Investigating the inhibitory effect of $\beta$ -casein on the amyloid fibril formation of A $\beta$ 1-42 in Alzheimer's disease via In-Vitro and In-Silico studies	Arezou Ghahghaei
P-30-02	Involvement of PKC in cognitive-enhancing activity of carvacrol in Alzheimer's disease animal model	Zahra Azizi
P-30-03	Effect of aqueous extract of jujube(Ziziphus jujube)on Parkinsonism induced by 6-hydroxydopamine in rat	Amir Abbas Atlasi
P-30-04	Effect of ethanolic extract of mulberry (Morus Alba) leaves in animal model of Parkinson's disease induced by 6-hydroxydopamine: a behavioral study	Somaye haghightat
P-30-05	Antioxidative Activity of Carvacrol Against Hippocampus Vascular Dementia in Male Wistar Rats	Azadeh Shahrokhi Raeini
P-30-06	Cognitive impairment in Multiple Sclerosis patient, a comparative study in patient with RRMS and SPMS	Forough Foolad
P-30-07	Effect of Royal Jelly on Glial Cell-Line Derived Neurotrophic Factor in the Rat Parkinson Model	Saeedeh Ahmadi Jokani
P-30-08	The effect of AMPA receptors positive modulation on working memory deficits in rat with amyloid-beta induced Alzheimer's disease	Ayat Kaeidi
P-30-09	Protective Effects of Hydroalcoholic Extract of Ziziphus Jujuba In 6-Hydroxydopamine- Induced Model of hemi - Parkinsonism Male Rat on PARK2 gene. Behavioral and Molecular Study	Bibi Kolsoum Moham madnia
P-30-10	Protective Effects of Hydroalcoholic Extract of Ziziphus Jujuba In 6-Hydroxydopamine- Induced Model of Parkinsonism Male Rat. Behavioral and Biochemistry Study	Bibi Kolsoum Moham madnia
P-30-11	Effects of granisetron on animal model of multiple sclerosis (MS)	Atefeh Aminian
P-30-12	Effects of the Artemisia Absinthium hydro alcoholic extract on scavenge amyloid plaques in the region CA1 hippocampal in the model induced by peptide amyloid beta in male Wistar rat	Mahdieh Taheri
P-30-13	Influences of Toxoplasma gondii infection on akinesia and bradykinesia in rat model of Parkinson disease	Moslem Riyahi
P-30-14	Royal jelly improves disturbance of spatial learning and memory latency time and matrix metalloproteinase in rat model of multiple sclerosis	Mahnaz Taherianfar d
P-30-15	Therapeutic effect of royal jelly on speed of spatial learning and memory, serum and brain total oxidant capacity in rat model of multiple sclerosis	Maryam Jamali
P-30-16	Evaluating the effect of probiotics mixture on the metabolic status of Alzheimeric patients	Elmira Akbari
P-30-17	Neuroprotective Effects of Celecoxib (Cyclooxygenase -2 Inhibitor) on CA1 Hippocampus Cells and Memory in a Male Rat Model of PD	Farzaneh Baharvan d
P-30-18	Effect of Thymoquinone on none- Motor Symptoms in Rotenone- Induced Parkinson's disease in Male Wistar Rat	Seyedeh Shohreh Ebrahimi

P-30-19	Evaluation of dose dependent effects of chronic treatment with piperine on learning and memory impairments and neuronal damage in rat model of Streptozotocin-induced Alzheimer's disease	Masoumeh Zazifi
P-30-20	Levothyroxine prevents memory impairment in a Intracerebroventricular Streptozotocin rat model of Alzheimer's disease	Kowsar Bavarsad
P-30-21	Protective effect of vitamin K2 against hydrogen peroxide induced cell toxicity in PC12 Cells	Elham Hadipour

#### Synaptic Plasticity

Code	Title	Presenter
P-31-01	The role of dopamine D2 receptors in LFS improving effect on synaptic plasticity in kindled rat	Azam Sadeghian Sahzabi

Code	Title	Presenter
P-03-32	Potential sex differences in the expression of the renal MAS receptor during high salt and high fructose diet	Aghdas Dehghani
P-03-33	Effect of human adipose tissue derived mesenchymal stem cells conditioned medium on spatial memory on Alzheimer model induced with A $\beta$ amyloid	Shima Mehrabadi