

Poster presentation program

Wednesday 28 Mehr 1400

No.	Abstract ID	Title	Presenter
1	301	Validation of the formalin test for assessing pain behavior in the Japanese quail (<i>Coturnix coturnix japonica</i>)	Seyyed ata Mousavi
2	41	The Effect of <i>Nigella Sativa</i> on Renal Oxidative Injury in Diabetic Rats	Abbasali Abbasnezhad
3	63	Comparison the effect of massage with lavender gel and piroxicam gel on exercise-induced muscle pain	Abbasali Abbasnezhad
4	65	Comparison of the onset of anesthesia induced by two different concentrations and volume of lidocaine in regional intravenous anesthesia of the upper extremity	Abbasali Abbasnezhad
5	69	Hepatoprotective effects of combination hydroalcoholic extracts of <i>nigella sativa</i> and <i>curcuma longa</i> on adriamycin-induced oxidative stress in rat	Abbasali Abbasnezhad
6	259	Effect of intraperitoneal injection of L-arginine on activation of ovarian dopamine beta-hydroxylase of aged rat	Fatemeh Adibi Fard
7	518	Probiotic supplementation reduced neuropathic pain and oxidative stress factors in an animal model of diabetic neuropathy	Fatemeh Aghighi
8	194	Effect of nitric oxide system activation on serum and ovarian levels of albumin sex hormones carriers in aged rat	Huda Alhaidar
9	441	The effect of CORM-2 administration on ovarian histological changes in polycystic ovarian syndrome in rats.	Bahareh Asadi
10	408	Quercetin liposomes improve anxiety-Like behaviors under acute diazinon exposure by affecting on serotonin and GABA metabolic pathways in rat model	Beheshteh Babazadeh
11	643	Evaluation of analgesic effect of isoniazid in male rats using formalin test	Amir Abbas Barzegari
12	447	Effect of caffeine on PTZ- induced clonic seizure threshold in mice: role of cyclooxygenase-2 pathway	Marzieh Bazmandegan
13	616	Evaluation of anti-anxiety effects of methanolic extract of <i>Ferula assa-foetida</i> and its antioxidant role in the hippocampus of male PTSD	Bahram Bibak
14	632	The effect of alcoholic extract of <i>cyperus rotundus</i> on acute inflammatory in male mice	Bahram Bibak
15	125	Investigate the anti-inflammatory effect of <i>Carpobrotus edulis</i> 's fresh leaves extract on the incision wound tissues in rats	Zahra Changizi
16	195	Evaluation of antitumor effects of chlorogenic acid on 4T1 breast cancer tumors in BALB/c mice	Zahra Changizi
17	473	Evaluation of histopathological and biochemical changes after intravenous injection of Remedsiver on kidney, liver and brain in rats	Fatemeh Cheshomi
18	215	The effect of curcumin on sperm parameters and expression of calcium channel genes in sleep deprived rats	Mehdi Eskandari
19	46	The effect of cinnamon <i>zeylanicum</i> extract pre-treatment on the body mass index (bmi) and expression of catsper calcium channels in male rats receiving high fat diet	Mehdi Eskandari
20	428	Protective effect of <i>Vitex agnus-castus</i> on anxiogenic-like behaviors induced by repeated exposure toluene in mice	Soroush Farhadi Pahnedari
21	133	Berberine protects against cisplatin-induced acute liver injury	Firouzeh Gholampour

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No.	Abstract ID	Title	Presenter
22	272	The protective role of curcumin in myocardial ischemia–reperfusion injury	Hassan Ghoshooni
23	540	Evaluating the effect of isoflurane pretreatment on acute kidney injury induced by glycerol in male rats	Negin Givechian
24	423	Evaluating effect of a nanoemulsion containing lavender essential oil on neuropathic pain and oxidative stress factors in an animal model of chronic constriction injury of the sciatic nerve	Narges Haddadzadeh niri
25	220	The effects of calorie restriction on blood pressure in ovariectomized rats fed a high-fat diet	Zahra Hajializadeh
26	36	Evaluation of serum FGF21 level in rats fed with high fat diet	Babak Hassankhan
27	638	The relationship between polymorphisms in the endocannabinoid system and physiological functions	Leila Hosseinzadeh anvar
28	483	Perillyl alcohol and Quercetin modulate the expression of noncoding RNAs H19 and miR-29a in pulmonary artery hypertension in rats	Saeideh Jafarinejad
29	196	The effect of quercetin on mitochondrial membrane potential and neutrophil infiltration in a model of methotrexate-induced testicular injury in rats.	Ensiye Joneidi
30	168	Renal ischemia reperfusion without preconditioning increases renal clearance and urine flow by A779 in 2K1C hypertensive rats	Farzaneh Karimi
31	458	The physiological roles of Klotho in the renal function	Zeinab Karimi
32	609	The protective effect of aloe vera gel in ulcerative colitis: the role of inflammatory and anti-inflammatory factors	Zakieh Keshavarzi
33	348	The protective effect of montelukast on acetic acid-induced irritable bowel syndrome in male rats	Nilgoon Khoie
34	184	Effects of saffron flower stamen hydro alcoholic extract on chemical and thermal pain in <i>Drosophila melanogaster</i>	Yasamin Khorsand Beheshti
35	90	The survey of the effect of apigenin on histological changes in polycystic ovary of rats	Sanaz Lotfi samani
36	229	The effect of Vasodepressor Receptors of Renin angiotensin System (RAS) on NO production and renal hemodynamics after Angiotensin II Administration in Animal Renal Ischemia/Reperfusion Model	Maryam Maleki
37	430	Protective effect of Vitex agnus-castus extract on toluene-induced lipid peroxidation in mice ovary	Fateme Malekzadeh
38	127	Age-dependent changes in the oxidative stress parameters in the heart tissue of rats exposed to organophosphate pesticide	Behzad Mesbahzadeh
39	38	Cardiovascular Effect of Cuneiform Nucleus During Hemorrhagic Hypotension	Reza Mohebbati
40	520	The effect of morphine on passive avoidance memory in cholestatic model rats	Zinat Heydarnia kalati
41	23	Chlorogenic acid improved liver and lung metastasis in the mice with breast cancer tumors	Azam Moslehi
42	413	<i>Nigella sativa</i> improves kidney tissue damage in unilateral ureteral obstructed rats	Elham Naderi
43	579	The effect of vitamin C on the insulin-like growth factor 1 expression and its association with memory and anxiety-like behaviors in chronic isolation stressed-male rats	Alireza Najaf dulabi

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No.	Abstract ID	Title	Presenter
44	647	High body mass index (BMI) exaggerates biological aging in the people exposed to mustard gas	Leila Nasiri
45	494	مقایسه اثر دو داروی کتامین/زایلازین و پنتوباریتال بر سیستم اکسیدان-آنتی اکسیدان رت	Mohammad Owladi
46	367	Renoprotective effects of daily remote ischemic preconditioning (RIPC) against gentamicin-induced nephrotoxicity in male rats	Khalil Pourkhalili
47	350	Intravenous administration of cisplatin with magnesium supplement may attenuate kidney toxicity in rats: The role of magnesium dose and gender	Parisasadat Pournaderi
48	208	Protective effects of some dietary regimens on acute kidney injury: the role of Oxidative stress	Alireza Raji amirhasani
49	172	Evaluation of the preyl alechole effects on inflammatory and oxidative stress indices and histopathological factors in lungs of male rats with experimental asthma	Mohammad Amin Rajizadeh
50	409	Evaluation of intrahippocampal injection of nicotine in the effects of zinc oxide nanoparticles on long-term memory	Ahmad Sadeghi
51	53	Antioxidant and antihypertensive effects of ethanol extract of Sargassum angustifolium on cadmium chloride-induced hypertension in rat	Leila Safaeian
52	321	The hepatoprotective effect of trans-anethole and fennel in streptozotocin-induced liver injury in rats	Zahra Samadi-Noshahr
53	322	Trans-Anethole attenuated renal fibrosis and reduced expressions of angiotensin II receptor (AT1R) and TGF- β in streptozotocin-induced diabetic rats	Abolfazl Khajavi-Rad
54	269	Protective effects of medicinal plant against diabetes induced cardiac disorder: A review	Sadegh Shabab
55	527	Effects of the Co-administration of testosterone and sodium hydrosulfide on testicular tissue and Oxidative stress in experimental model of varicocele	Anahid Shafie
56	608	Effect of Allium cepa extract on total and differential WBC and TP level in ovalbumin sensitized rats	Farzaneh Shakeri
57	342	Antilithiatic and hepatoprotective effects of Ferula ass foetida oleo gum resin on ethylene glycol-induced lithiasis in rats	Amir Shiea
58	234	Effect of diosgenin on mitochondrial membrane potential and neutrophilic infiltration testicular damage induced by methotrexate in the rats	Fatemeh Taleahmad
59	645	Mental health changes and its communication with socioeconomic status in chemical veterans	Mohammad Reza Vaez Mahdavi
60	498	The effect of hydrogen sulfide (H ₂ S) administration on ovarian histological alternation in polycystic ovarian syndrome in rats	Maryam Vaziripour
61	513	Molecular mechanisms of GABA therapy in type 2 diabetic rat model	Farzaneh Yazdani Moghaddam
62	512	Effects of Magnesium therapy on mitochondrial biogenesis through upregulation of TFAM, UPC3 and FNDC5 mRNA expressions in skeletal muscle of type 2 diabetic rats	Farzaneh Yazdani Moghaddam
63	356	Effects of resveratrol on Estrogen Receptors alpha and beta gene expression in varicocele rats	Zahra Yousefi

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No.	Abstract ID	Title	Presenter
64	75	A Review on the Neurological Manifestations of COVID-19 Infection: a Mechanistic View	Hamid Soltani zangbar
65	654	Anti-SARS-CoV-2 activity prediction of the antiviral drugs using molecular docking simulation	Saeedeh Ahmadi
66	319	A qualitative systematic review of the association between COVID-19 and Liver injury	Sina Delshad
67	179	Comparative study of some laboratory indicators of renal function at the time of admission of patients with Covid-19 to the hospital in Birjand	Mansureh Eilaki nezhad
68	227	Analysis of some blood coagulation parameters in COVID-19 patients first of admission at hospital in Birjand, Iran	Mansureh Eilaki nezhad
69	636	The Effects of Remdesivir on the Histological and Serological Characteristics of liver in Rat	Vira Hamidpour
70	560	Possible therapeutic effects of black seed (<i>Nigella sativa</i>) and its constituents, thymoquinone on SARS-CoV-2	Mohammad Reza Khazdair
71	418	Atorvastatin in Hospitalized Patients with COVID-19: A Randomized Clinical Trial	Maryam Rameshrad
72	57	The role of 5HT1A receptor on spatial memory affected by neuropathic pain in rat	Zahra Chekani
73	402	Paraxanthine attenuates the anticonvulsant effect of adenosine in the intravenous pentylenetetrazole (PTZ) seizure threshold test in mice	Azhdar Heydari
74	448	Pharmacological evaluation of novel diphenyl-1,3,4-oxadiazole derivatives as benzodiazepine agonists using in vivo and in vitro techniques	Mona Khoramjouy
75	364	Biological and clinical significance of ER- α 36 in estrogen-responsive and unresponsive tissues/tumors	Fatemeh Mahboobifard
76	305	On the benefit of licofelone as a dual cyclooxygenase / 5-lipoxygenase inhibitor in modulating the atrial chronotropic hyporesponsiveness to cholinergic stimulation in endotoxemic rats	Vahid Nikoui
77	59	Holothurin b isolated from holothuria atra inhibits angiogenesis in vitro	Leila Safaeian
78	85	The anti-proliferative effects of cabergoline as a selective agonist of dopamine receptors on lung cancer cells	Mojgan Sheikhpour
79	317	Molecular docking studies, and in vitro antifungal activity evaluation of new triazoles	Elham Zarenezhad
80	477	Evaluation of trigeminal nociceptive behavior induced by different sensory modalities on receptive field of intact and anesthetized cornea in rats	Babak Abdkarimi

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No.	Abstract ID	Title	Presenter
81	361	Study of antidepressant effects of hydroalcoholic extract of <i>Kelussia odoratissima</i> Mozaffarian in male mice	Mehrdad Shahrani korani
82	359	Effect of <i>Cucurbita maxima</i> Duchesne extract on motor coordination and learning and memory deficits in rats	Najmeh Asgharzadeh
83	204	Allergen reduces the modulatory effect of the respiration on amygdala in rat model of asthma	Kolsoum Dehdar
84	131	Testicular functional and morphological damages induced by 45 min renal ischemia at the end of 24 h and 48 h reperfusion periods	Firouzeh Gholampour
85	635	Endocannabinoid system: novel target in the treatment of the epilepsy	Tannaz Haghgoiue
86	51	Testosterone level in rats with polycystic ovarian syndrome and hypothyroidism induced by PTU	Sara Khodabandeh
87	488	Prevention of atherosclerosis by chronic aerobic exercise through decreasing LOX-1 receptor expression in aorta and carotid arteries of diabetic rats fed with high fat diet	Mohammad Taghi Mohammadi
88	263	Curcumin can prevent the loss of sinoatrial node cells in methionine treated rats: A stereological study	Atefeh Rahimi
89	623	Comparison of incidence rate of post-stroke seizure and cardiac valve disorders in atrial fibrillation and non-Atrial fibrillation patients	Mahdi Saberi Pirouz
90	267	A case report of left atrial myxoma presenting with amnesia	Sadegh Shabab
91	102	Protective effects of high-intensity interval training exercise separately and in interaction with Ecdysterone against amyloid beta-induced rat model of Alzheimer's disease: A behavioral, biochemic	Parsa Gholipour
92	117	Chronic suppression of NMDA receptor function improves autistic-like behaviors in adult rats prenatally exposed to valproic acid	Mahdieh Parvan
93	178	Astaxanthin improves spinal cord injury through upregulation of autophagy	Fatemeh Abbaszadeh
94	633	Rapamycin effect on different phases of learning and memory in rat	Abolfazl Ardjmand
95	13	Effects of Cerebrolysin drug administration and aerobic exercise on spatial memory impairment in adult male rat model of Parkinson's disease (PD)	Seyed Zanyar Athari
96	427	Rosuvastatin improves cognitive impairment in Alzheimer's disease by reducing oxidative stress	Ali Azizi
97	32	Motor improvement effect of <i>Stachys lavandulifolia</i> in the pentylenetetrazole-induced seizure model of rats	Vahid Azizi
98	318	Cinnamaldehyde improves spatial memory in rat model for Alzheimer's disease: a novel treatment strategy in medicine	Saeid Bagheri-Mohammadi
99	45	Anticonvulsant activity of pitolisant in an electrical kindling model of epilepsy	Siamak Beheshti
100	106	Chronic ghrelin administration restores hippocampal long-term potentiation and ameliorates memory impairment in rat model of Alzheimer's disease	Maryam Eslami

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No.	Abstract ID	Title	Presenter
101	459	Cognitive impairment, Sirtuin 1 and lactate elevation in Multiple Sclerosis patients, a comparative study in patients with relapsing-remitting and secondary progressive MS	Forough Foolad
102	285	Protective effect of L-arginine against beta-amyloid accumulation and memory loss in animal model of Alzheimer's induced by administration of aluminum chloride in the dorsal hippocampus	Samira Geravand
103	271	Lactation ameliorates neurobehavioral outcomes in the ischemic rat dams	Hassan Ghoshooni
104	21	Progressive Dopaminergic Neuronal Death in Substantia Nigra Associates with Increase in Serum Levels of Total Bilirubin; Evidences from 6- Hydroxydopamine Animal Model of Parkinson's Disease	Hashem Haghdoost Yazdi
105	31	The anxiolytic-like effect of Thymus vulgaris in the epileptic rat	Abdolkarim Hosseini
106	302	Mitoprotective effects of rolipram and pentoxifylline combination on degeneration of the dorsal root ganglion neurons in experimental diabetic neuropathy	Asieh Hosseini
107	603	Spontaneous Functional Recovery in Zabrash Depends on Gender after spinal cord injury	Parastoo Hosseini
108	217	Role of dorsal hippocampal endocannabinoid system in Streptozotocin-induced memory impairment	Seyed Mohammad Hosseininia
109	126	The neuroprotective effect of Ocimum basilicum hydro-alcoholic extract on the damages of ischemic stroke in rat	Sepideh Khaksar
110	631	Inhibiting microRNA-140-5p improves memory deficits induced by amyloid- β oligomer in rats possibly through alpha-secretase ADAM10 regulation	Pariya Khodabakhsh
111	294	Alpha-pinene attenuates blood-brain barrier and stress oxidative in rat model in focal Cerebral Ischemia-Reperfusion Injury	Seyedeh mahdieh Khoshnazar
112	600	Evaluation of anticonvulsant effects of new Fatty acid amide hydrolase inhibitor derivatives in pentylenetetrazole injection model in rats	Seyedeh Sarvenaz Mohseni
113	649	The effect of Ferroptosis inhibition on hippocampal dentate gyruse granule cells in an animal model of alzheimer's disease	Soudabeh Naderi
114	86	Tau pathology upon spinal cord injury can play a critical role in the development of neurotrauma	Elnaz Nakhjiri
115	296	KOLAVIRON: Reducer of the negative effects of hyperphosphorylation of TAU protein; Yes or no?	Morteza Nazari serenje
116	510	The effect of Alpha-Lipoic Acid on mitochondrial fusion in rotenone-induced SH-SY5Y cell line	Samane Parvaz
117	597	The Effect of Metformin on Cognitive Improvement in Alzheimer's Disease	Saghar Rabiei poor
118	381	P-coumaric acid improves spatial cognitive decline and neuroinflammation a rat model of Alzheimer's disease	Masome Rashno
119	592	Effect of cinnamon extract on spatial learning and memory in male adult rats with cognitive impairment induced by intracerebroventricular injection of streptozotocin	Elham Sajadi

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No.	Abstract ID	Title	Presenter
120	16	Protective effect of Tannic acid against cerebral hypoperfusion via modulation of Nrf2 and inflammatory pathways	Fardin Sehati
121	30	Ketamine ameliorates the detrimental effects of lipopolysaccharide on acute ischemic brain injury outcome	Golnar Taheri
122	586	Effects of Eugenol on Alzheimer's Disease-like Manifestations in Insulin- and A β -Induced Rat Models	Peyman Taheri
123	657	Evaluation of Cytotoxicity Effects Diamond Nanoparticles Cytotoxicity on Breast Cancer Cell Line (MCF-7) and Lymphocyte	Maryam Zivari fard
124	426	Anti-nociceptive effect of atomoxetine on paclitaxel-induced neuropathic pain in mice	Alireza Abed
125	497	Changes in locomotor activity and P2X gene expression in the cerebral hemisphere of male rats during copper toxicity and treatment with vit C	Somayeh Adadipour
126	11	Injection of orexin A into the basolateral nucleus of amygdala reverses the innate-fear induced analgesia in male rats	Mahnaz Aghaei
127	332	The effect of 8 weeks of high intensity interval training on Klotho, PLP hippocampus tissue in C75BL/6 mice	Masoomah Alvandi
128	108	Neuroprotective effects of Auraptene following traumatic brain injury in male rats: the role of oxidative stress	Sedigheh Amiresmaili
129	388	Effect of silymarin on inhibitory avoidance memory and locomotion in rat	Abolfazl Ardjmand
130	284	Olea europaea (olive) leaf extract ameliorates learning and memory deficits in a rat model of diabetes-induced by streptozotocin	Ali Akbar Asghari
131	410	Thapsigargin-induced brain ER stress: neuroinflammation, P38 activation and insulin resistance	Sahar Askari
132	288	The effect of oral administration of probiotics on pain sensation in rats	Ali Mohammad Basatinya
133	222	Applying nasal air-puff during mechanical ventilation modulates activity of Hippocampal–prefrontal circuit during spatial encoding and retrieval in short-term memory	Bahareh Jafari
134	27	Effects of Foretinib, a c-MET Kinase Inhibitor, on A172 Human Glioblastoma Cell Line	Narges Khalilian
135	464	The effect of microinjection of histamine into the striatum on mechanical and cold allodynia induced by peripheral neuropathy in rats	Emad Khalilzadeh
136	455	Inhibition of cold avoidance behavior in rats with peripheral neuropathy by administration of chlorpheniramine and ranitidine	Emad Khalilzadeh
137	120	IL-4 prevented overexpression of TNF- α after Traumatic brain injury	Mohammad Sayyah
138	119	IL-4 amplified overexpression of TGF- β after Traumatic brain injury	Bahar Khoshkroodian
139	238	The Effects of Valerian on Sleep Quality, Depression, and State Anxiety in Hemodialysis Patients: A Randomized, Double-blind, Crossover Clinical Trial	Monir Nobahar

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No.	Abstract ID	Title	Presenter
140	485	Changes in locomotor activity and BDNF gene expression in the cerebral hemisphere of male rats during copper toxicity and treatment with vit C	Sama Radbin
141	339	Examining the effect of ventral tegmental area stimulation on working memory and exploratory behavior in kindled mice	Mahmoud Rezaei
142	630	Production of flexion and extension for spinal cord injured rat with electrical stimulation	Shahin Rouhi
143	268	To study the effects of moderate treadmill exercise and fluoxetine on Location memory and positive tunnel cells in hippocampus, on male and female PTSD rats	Sakineh Shafia
144	270	To study the effect of involuntary exercise, on anxiety and Serum IGF-1 in male PTSD rats	Sakineh Shafia
145	182	The compensatory effect of aerobic exercise on spatial memory following destruction olfactory sensory neurons in adult male rats	Farzaneh Zeynali
146	47	The effect of prenatal norharman consumption on the seizure that induced by PTZ in rats	Mohammad Sofiabadi
147	669	The effect of hydro-alcoholic extract of Ocimum bacilicum seed on serum concentration of omentin and chemrin in male Rates	Sara Ebrahimi
148	341	A review of the effects of herbs to alleviate inflammatory diseases	Fatemeh Abedi
149	489	Study on the anti-inflammatory and antioxidant effects of intraperitoneal administration of Dracocephalum kotschyi extract on carrageenan induced paw edema	Nafiseh Vahidi
150	316	Cinnamon attenuates diabetic cardiomyopathy via inhibition of hyperglycemia-induced fibro-inflammatory response and ventricular hypertrophy in diabetic rats	Maryam Farazandeh
151	249	Combined endurance training and MitoQ improve oxidative status and cardiac factors in patients with hypertension: effects on miR-133a and miR-145	Yaser Masoumi Ardakani
152	581	Effect of tannic acid on testicular dysfunction during CLP-induced sepsis in male rats through reducing testicular oxidative stress and inflammation	Fatemeh Pourmirzaei
153	109	IL-4 amplifies expression of IL-10 after Traumatic brain injury	Mojdeh Radpour
154	242	Bone marrow cell subset can attenuate vascular inflammation in rat model of chronic experimental asthma	Sajjad Taghizadeh
155	155	Investigation on DNA interaction with green synthesized magnetic samarium nanoparticles by using ginger extract	Masoume Fazlollahi
156	254	Synthesis and characterization of novel pH sensitive alginate derivatives as hydrogels in drug delivery	Shokouh Khodayar
157	15	Optogenetic Stimulation of Medial Entorhinal Cortex Induces Mitochondrial Biogenesis and Promotes Neurogenesis in Adult Rat's Hippocampus	Sara Chavoshinezhad
158	431	Age-related changes in heart tissue extract reduce the differentiation potential of neonatal rat mesenchymal stem cells into cardiomyocytes	Esmailidehaj Esmailidehaj

159	602	Lithium chloride reduced neuropathic pain in contusive spinal cord injured Rat regardless of Different administration routes and dosages	Golnoosh Raahimi
160	524	The Effect of Oral Mucosal Mesenchymal Stem Cells Administration on Renal System Inflammatory and Oxidant Stress Factors in Experimental Traumatic Brain Injury	Nazanin Sabet

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No.	Abstract ID	Title	Presenter
161	385	Effect of probiotic administration on the severity of morphine dependence in rat	Abolfazl Ardjmand
162	315	Effects of morphine and pretreatment with zinc on cultured mouse Sertoli cells apoptosis	Fatemeh Asgharzadeh
163	406	Chronic administration of morphine in adolescent rats causes long-term cognitive changes	Fatemeh Khani
164	671	Gender difference in methadone induced renal injury: the role of inflammatory pathway	Katayoon Kosari
165	160	Cost-effectiveness of medical cannabis in relieving chronic pain: A systematic review	Mahsa Tashakori miyanroudi
166	326	Effects of incretins on consequences of polycystic ovary syndrome	Mohammad Ebrahim Rezvani
167	417	The effect of probiotics on salivary pH in healthy subjects	Zohreh Amiri
168	225	Applying rhythmic air-puff into nasal cavity modulates Default Mode Network activity in healthy subjects	Fahime Ayene
169	171	Effect of a chitosan-containing slim chit dietary supplement on liver enzymes and antioxidants in obese male Wistar rats	Siamak Choopani
170	148	Investigating the protective effect of Rosemary hydroalcoholic extract on polycystic ovary syndrome letrozole-induced model in mice	Ghazal Eftekhari Vaghefi
171	240	Capparis spinosa extract protects against focal cerebral ischemia/reperfusion injury in rats	Fatemeh Forouzanfar
172	578	Effect of sodium butyrate and voluntary exercise on NO levels in heart of type 2 diabetic rats	Vajihe Ghorbanzadeh
173	386	An experimental evaluation of the effects of direct injections of histamine into the amygdala nucleus on seizure activities	Tannaz Haghgoie
174	678	Effect of Origanum vulgare L. (Lamiaceae family) on the course of common cold	Tajmah Mombeini
175	158	Cost-Effectiveness of magnesium sulfate in acute severe asthma in children: A Systematic Review	Aghdas Souresrafil
176	457	Propolis inhibits anxiety disorder in a maternal separation rat model of autism disease	Iliia Ahmadi kholerdi
177	49	Assessment of Cinnamon Effect on Blood-Brain-Barrier(BBB) Permeability after Brain Ischemia in Fat Male Rats	Mehdi Eskandari
178	454	Effect of gallic acid on depression in the cerebral ischemia/reperfusion animal model	Mojtaba Fathi
179	403	he harmful effect of compact fluorescent lamps radiation on fatty liver disease	Amir Ali Hazeghi Rad
180	162	Mas Receptor Blockade Promotes Renal Vascular Response to Ang II after Partial Kidney Ischemia/Reperfusion in a Two-Kidney-One-Clip Hypertensive Rats Model	Farzaneh Karimi
181	576	Effect of chronic hydro-alcoholic extract of artichoke leaf administration on pentylenetetrazole (PTZ)-induced seizure threshold in rat	Amirhesam Keshavarz
182	563	Vanillic acid alleviates lipopolysaccharide-induced anxiety-/depression-like behaviors and oxidative stress in male rats	Sadegh Moradi Vastegani

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No.	Abstract ID	Title	Presenter
183	375	Effects of Nostoc Commune Extract on Ketamine-induced Cognitive Disorders in novel object test	Fatemeh Ramzani bijikola
184	504	Anti-anxiety of sumac-nanophytosome in ketamine-induced schizophrenic mice.	Fatemeh Rezazadeh
185	323	Camel milk attenuates adenine-induced acute renal injury in rats	Fatemeh Salami
186	644	Molecular docking study of the analgesic effect of 17- β estradiol by GABAA receptor	Amir Abbas Barzegari
187	129	Effect of Peganum harmala methanolic extract and harmine on the kidney tissue damage from diabetes mellitus in male Wistar rats	Forough Kajbaf
188	337	Antidepressant-like effects of melatonin in mice: Involvement of oxidative stress factors	Mohammad Yahya Karimi
189	28	Effect of L-carnitine in combination of two types of exercise (high-intensity interval and acute exercise) on serum Bax, Bcl-2, and Caspase-3 levels	Beydolah Shahouzehi
190	100	The effect of carvacrol on oxidative damage to the hippocampus during sub-chronic lead poisoning	Fatemeh Zare mehrjerdi
191	478	Remote neurophysiological and mechanical effects of upper trapezius dry needling application in Patients with Myofascial Pain Syndrome	Hakimeh Adigozali
192	507	Development and validation of a multi-residue method for determination of twelve sulfonamides antibiotics residue in semi-fat feta cheese samples by SPE clean up method and UHPLC-MS/M	Shiva Ghareghani
193	651	Evaluating the effect of hydroalcoholic extract of Ribwort plantain leaf in comparison with Plantago lanceota leaf on wound healing in streptozotocin-induced diabetic male rats	Razieh Moazeni
194	164	α -Ketoglutarate: An important and promising factor for increasing lifespan and controlling age-related physiological changes	Nima Abedini
195	414	Exercise with moderate intensity attenuates heart injury induced by exposure to waterpipe tobacco smoke through the sirtuin pathway	Samaneh Sadat Alavi
196	612	Time course study of Thapsigargin-induced ER stress and cell fate in PC12 cells	Sahar Askari
197	545	The Pattern of hippocampal neuronal, long term potentiation (LTP) and unilateral labyrinthectomy in male rats: the role of exercise and curcumin	Leila Derafshpour
198	568	Voluntary exercise can improve insulin resistance in rats receiving a high-fat diet by affecting the plasma levels of Retinol-binding protein 4, IGF-Binding related protein.	Fariba Mirzaei Babil
199	44	Investigation of cytotoxic and antioxidant activities of biologically synthesized of gold nanoparticles assisted by Tribulus terrestris L.	Mandana Jafari
200	203	Synergic effect of memantine with doxorubicin on sensitivity and cell proliferation of MCF-7 breast cancer cells	Maryam Kahyaei-aghdam
201	462	Anti-cancer potential of Euphorbia monostyla extracts against cancer cell lines	Jamal Kasaian

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No.	Abstract ID	Title	Presenter
202	407	Memantine increases the susceptibility of A2780 ovarian cancer cells to cisplatin	Negin Mahboubi
203	283	Olive leaf extract ameliorates cardiac oxidative stress, inflammation, and apoptosis in diabetic rats	Maryam Mahmoudabady
204	246	A synbiotic mixture augmented the efficacy of doxepin, venlafaxine, and fluvoxamine in mice model of depression	Azadeh Mesripour
205	640	Therapeutic potential of diosgenin and its main derivative dioscin in the treatment of cancer: a review	Seyed Mahdi Mohamadi Zarch
206	465	Investigating the cytotoxic effects of methanolic extract of <i>Juglans regia</i> L. intermediate wood on AGS cells	Samaneh Mollazadeh
207	392	Anti-diabetic effects of fullerene C60 nanoparticle mediated by its anti-oxidant activity in the pancreas in type 1 diabetic rats	Fariba Namdar
208	193	Applying nasal air-puff during mechanical ventilation accelerates recovery from isoflurane anesthesia	Mohaddese Nemati
209	486	Changes in motor performance and NMDA gene expression in the cerebellum of male rats during copper toxicity and treatment with vitamin C	Nobakht mobaraki
210	467	Phosphatidylserine nanoliposomes in the control of glucocorticoid-induced osteoporosis	Alireza Partoazar
211	89	Protective effects of myricitrin and vitamin E on nephropathy of aging mice model induced by D-galactose	Vahid Radmehr
212	445	Comparison of common vasomotor symptoms in postmenopausal women of different ages	Seyed Mohammad Hossein Sabzpoushan
213	295	Effects of Pre-pregnancy Chronic Valproate Administration in Female Rats on Avoidance Memory and Hippocampal Gene Expression of Offspring	Tina Rahjoo
214	138	Effect of N-acetylcysteine & Resveratrol on the expression of HSPA70 and caspase-3 genes in asthenoteratospermic infertile males undergoing cryopreservation	Narges Ashoori
215	665	Protective Effect of Resveratrol on Heat shock protein A2(HSPA2), Protamine 1&2 Gene Expression in experimental varicocele rat model	Rasoul Babaei
216	134	The cytotoxic effect of Oxypeucedanin methanolate on A549 lung cancer cell line	Amene Gholami
217	206	The effect of diosgenin on mitochondrial membrane potential and neutrophilic infiltration in the model of methotrexate-induced liver damage in the rat	Narges Haddadzadeh niri
218	492	Role of Ventral Tegmental Area in Social Memory Formation	Mahsa Ahmadi
219	214	Renoprotective effects of dietary programs on acute kidney injury in female rats: the role of stress oxidative	Fatemeh Darvishzadeh mahani
220	327	Protective effect of baclofen on oxidative stress in the hippocampus in an experimental model of polycystic ovaries induced of morphine	Zahra Jamshidi
221	681	CORM-3 ameliorates neurodegeneration in the hippocampus and improves cognitive impairment in a rat model of CKD	Zeinab Hamidizad
222	682	Effects of Transcranial Direct Current Stimulation on the Control of Hyperthermia and Hyperglycemia Following Global Cerebral Ischemia-Reperfusion in Male Rats	Rasoul Kaviannejad

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223	100	The effect of carvacrol on oxidative damage to the hippocampus during sub-chronic lead poisoning	Fatemeh Zare mehrjerdi
224	28	Effect of L-carnitine in combination of two types of exercise (high-intensity interval and acute exercise) on serum Bax, Bcl-2, and Caspase-3 levels	Beydolah Shahouzehi
225	545	The Pattern of hippocampal neuronal, long term potentiation (LTP) and unilateral labyrinthectomy in male rats: the role of exercise and curcumin	Leila Derafshpour
226	443	Preventive and Curative Effects of Syrup Formulation of Achillea. millefolium L. against Ethylene Glycol Induced Urolithiasis in Wistar Rats	Zahra Abbasy
227	438	Neuroprotective effect of tacrolimus on different areas of the hippocampus in the rat model of transient global cerebral ischemia-reperfusion	Zahra Abbasy
228	439	Neuroprotective effect of nano emulsion containing salvia on cal region of hippocampus following transient global ischemia/reperfusion in rat	Zahra Abbasy
229	442	Evaluation of anti-depressant activity of hydro alcoholic extract of asperula odorata l.	Zahra Abbasy
230	541	Cardiovascular effect of dorsal periaqueductal gray during LPS- induced hypotension	Vida Alikhani
231	543	The cardiovascular responses of Lipopolysaccharide (LPS) microinjected into the dorsomedial Periaqueductal Grey (dmPAG) in rats	Vida Alikhani
232	554	Diabetic neovascularization defects in the retina are improved by genistein supplementation in the ovariectomized rat	Parisa Habibi
233	558	A preclinical trial study: Combined Effects of Treatment with Genistein and Swimming Exercise on Pain System Disorders and Inflammatory Status in Ovariectomized Rats	Parisa Habibi
234	556	Genistein improves antioxidant and anti-inflammatory balance in diabetic-induced myocardial injury by increasing microRNA-133 and regulatory proteins in ovariectomized rats	Parisa Habibi
235	557	Genistein enhances the promoting effects of exercise on anti-oxidant and anti- inflammation balance and cardiomyopathy in the ovariectomized diabetic rat	Parisa Habibi
236	232	Effects of hydroalcoholic extract of Tagetes erecta leaves on coagulation processes in mice	Fateme sadat Hashemi
237	514	Effect of aspirin on pulmonary fibrotic lesions and stress oxidative induced by systemic administration of bleomycin in rats	Ali Hosseini Sharifabad
238	174	Pretreatment with p-coumaric acid through increasing the potency of endogenous antioxidants protect rat's liver against ischemia-reperfusion injury	Razieh Kazemzadeh
239	517	Biochemical and histopathological evaluation of protective effects of kajwa polyherbal composition on glucocorticoid-induced osteoporosis in rats	Zahra Kiani
240	519	Investigation of renal effects of Bisphenol-A in rats	Zahra Kiani

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241	199	Pulmonary arterial hypertension and role of noncoding RNAs	Hamid Najafipour
242	585	Serum correlation of Nesfatin-1 with angiographic, echocardiographic, and biochemical findings in patients with coronary artery disease	Afshin Nejati Afkham
243	192	Neuroprotective and antioxidant effects of betulin in the ketamine-induced model of mania in the rat	Hossein Rajabi Vardanjani
244	546	Rosuvastatin suppresses cytokine production and lung inflammation in asthmatic, hyperlipidemic and asthmatic-hyperlipidemic rat models	Saeideh Saadat
245	536	The interaction between brain and intestine and effect on some of oxidant and antioxidant factors in rats exposed to valproic acid	Nazanin Sabet
246	466	اثر مصرف دراز مدت دارچین بر عملکرد الکتریکی و فشار خون در رت با سالمندی	Moein Salari
247	605	Evaluating the protective effects of GYY4137, a slow-releasing hydrogen sulfide donor, on renal ischemia and reperfusion injury in rats	Zahra Sedaghat
248	107	The therapeutic effects of shilajit on high fat-diet induced non-alcoholic fatty liver disease (NAFLD) in rats	Nader Shahrokhi
249	525	Renin Angiotensin System and Covid-19	Amin Ataie
250	12	Brain-derived neurotrophic factor implementation in the pathology of COVID-19	Ali Akbar Asghari
251	2	Comparative study of some laboratory indicators of Blood Cells at the time of admission of patients with Covid-19 to the hospital in Birjand	Hossein Behdani
252	619	Cortisol changes in the COVID-19 disease	Shahla Sohrabipour
253	437	Anti-oxidant and anti-apoptotic effects of verapamil in the prefrontal cortex of the rat model of transient global cerebral ischemia/reperfusion	Zahra Abbasy
254	18	Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: Involvement of 5-HT3 receptor	Samane Jahanabadi
255	17	The antidepressant effects of Pioglitazone are mediated by reduction of nitric oxide pathway in ovariectomized mice	Samane Jahanabadi
256	542	Electromechanical effects of ranolazine and lidocaine on normal and diabetic rat hearts	Hajar Khazraei
257	529	Reduced IKK/NF- κ B Expression by Nigella Sativa Extract in Breast Cancer	Arezo Saberi moghadam
258	344	The preventive effect of ferula assa foetida oleo gum resin on histopathology in cuprizone-induced demyelination mice	Seyyed majid Bagheri
259	482	Neuroprotective effects of everolimus on streptozotocin-induced alzheimer's disease in rat	Sahar Fanoudi
260	569	The effect of curcumin on anxiety /depression-like behaviors and oxidative stress in male rats following lipopolysaccharide administration	Somayeh Hajipour
261	532	Ameliorative effect of allopurinol on cisplatin-induced memory impairment in male Wistar rat	Marzieh Kafami
262	156	Evaluation the effect of Rhus coriaria L.(Sumac) extract on neurological deficits improvement	Malak Nezhadtabrizy

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263	468	Evaluation effect of intranasal administration of endometrial stem cells on the treatment of Parkinson's disease mice model	Mahdi Nouredini
264	395	The effects of Sesame Oil Adriamycin-induced oxidative damage in Rat	Samira Shahraki
265	262	بررسی اثرات ضد دردیی مشتقات ۴- نیازولیدینون ناپروکسن	Shokooh Behdadian
266	422	Combination treatment with progesterone hormone and vitamin D in neuropathic pain induced by chronic constriction injury (CCI) in rats	Gholam Ali Hamidi
267	573	Evaluation of the effect of sesame on pain and oxidative stress in formalin test in male rats	Farima Malekinia
268	500	The effects of inhibition of β -adrenoceptors of basolateral amygdala on memory retrieval in both intact and stressed rats	Gholam Hossein Meftahi
269	239	Maternal variable stress affected maternal nursing, oxidative status and glucose metabolism in male pubertal rats	Roya Ranjbar Saber
270	190	Effects of chronic intraperitoneal administration of aerial parts aqueous alcoholic extract of Cichorium intybus L. on neuropathic pain caused by chronic constriction injury (CCI) in male Wistar rats	Atefeh Ranjbarziaodin
271	476	The intra-cerebral interaction effects of crocin and yohimbine on memory disruption and dentate gyrus evoked responses following neuropathic pain in rats	Lida Tahmasebi
272	243	Melatonin diminished pathological changes in lung tissue of high-fat diet-fed rats	Reza Rahbarghazi
273	582	Effect of Moderate Exercise on LPS-induced oxidative stress markers of rats cardiac tissue	Fateme Khoshkhooy
274	575	Lupeol ameliorated the non-alcoholic fatty liver disease-induced oxidative stress and hepatic histopathological injuries in mice	Hassan Malekinejad
275	475	GABAergic projections in Central nucleus of Amygdala reduces inflammation due to myocardial ischemia/reperfusion	Hoda Parsa
276	436	Effects of the Human Amniotic Membrane on the Cartilage Graft in White Rabbits	Zahra Abbasy
277	660	The effect of stem cells on sperm abnormalities in type 2 diabetes	Fateme Abedini
278	677	Prospect of mesenchymal stem cells in therapy of osteoporosis	Leili Aghebati Maleki
279	250	Multifunctional small silica nanoparticles up-regulated angiogenesis in human umbilical vein endothelial cells (HUVECs) in vitro	Ali Akbari
280	360	Polyhedral oligomeric silsesquioxane Nanoparticles (POSS-NPs) increased biogenesis and secretion of exosomes from human endothelial cells	Jafar Rezaie
281	189	Effect of stem cells-based therapy on astrogliosis in stroke subjected-mice	Kobra Akhoundzadeh
282	368	Investigation the effect of conditioned medium of human amniotic membrane mesenchymal stem cells on the galectin-3 and TGF- β in heart failure in male rats	Ghazale Asgharnejad

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283	559	Comparative effects of estrogen and plasma of young rats on expression levels of TNF- α , SIRT-1 and miR-34a and histological and oxidative stress changes in liver tissue of aged-ovariectomized rats	Parisa Habibi
284	176	Ischemic Renal Tissue can alter Mesenchymal Stem Cells biodistribution and homing in rat model of ischemic kidney injury	Shahrzad Havakhah
285	68	Ascorbic acid inhibits the acquisition and expression of morphine-induced behavioral sensitization in male mice	Mohammad Sahraei
286	398	Cost-Effectiveness of hypertension management with a Pharmacist-Led Medication therapy: a systematic review	Aghdas Souresrafi
287	526	Investigation of the indices of rational drug prescriptions in Zahedan University of Medical Sciences in 2018-2019	Farzaneh Farajian Mashhadi
288	648	Evaluation the effects of acute treatment with Atorvastatin and the role of nitric oxide on cerebral injuries induced by ischemia/reperfusion in male rat	Somaye Keshavarz
289	452	Cardioprotective effects of quercetin on doxorubicin induced cardiotoxicity in male rats	Farzad Rahmani
290	66	The effect of male depression on the depression and anxiety in male and female offspring in mice	Maryam Arab
291	71	Prenatal stress-induced anxiety and depressive-like behaviors	Masuomeh Mohammadi
292	390	Paeonol alleviates cognitive deficits in streptozotocin rat model of sporadic Alzheimer's disease	Akram Tayanloo Beik
293	589	A comparison between the effect of trans-anethole and metformin on biochemical parameters of polycystic ovary syndrome in rats	Faezeh Moradi negahdari
294	508	Green synthesis of Apple Pectin Silver nanoparticles and its Cytotoxic Effects in vitro	Ladan Delphi
295	659	Beneficial effects of Defrasirox and Deferiprone in reducing oxidative stress and chronic lead poisoning in lead-treated rats	Narges Karbalaei Harofteh
296	212	Factors Influencing for High-Risk Pregnancies in the Pregnant Women: A Review Study	Mohaddese Ghazian shahraki
297	181	Asthma induces psychiatric impairments increased activity of default mode and salience networks	Leila Gholami Mahtaj
298	258	Protective effect of Rheum turkestanicum and quercetin against oxidative stress in endothelial cells	Azar Hosseini
299	314	Effect of a chitosan-containing slim chit dietary supplement on alpha-amylase enzyme in obese male Wistar rats	Alieh Safamanesh
300	347	Effects of four weeks high intensity interval training (HIIT) with blood flow restriction (BFR) on serum levels of irisin and body composition in active young males	Mohammad Yoosefi
301	451	Cardioprotective effect of long-term cinnamon consumption in aged rats	Khadijeh Farrokhfall
302	354	Effects of volume-based conventional ultrafiltration on post-operative outcomes in adult cardiac surgery	Hamid Gerami