

## Posters

**P001.** Gozen H (Gaziantep University, Gaziantep, Turkey), Demirel C, Demir T, Akan M, Tarakcioglu M. **Protective effect of pulsed electromagnetic field against oxidative/nitrosative damage induced by diabetes.**

**P002.** Turan GT, Kaymak G (Sakarya University, Sakarya, Turkey), Kayhan FE, Sesal C, Yön ND, Akbulut C, Esmir HE (Marmara University, İstanbul). **Defensive Enzyme Activities and AChE Levels in Liver and Gill Tissues of *Xiphophorus hellerii* (Swordtail Fish).**

**P003.** Turan S, Yanar K, Arıkan S, Aydın S, Küçük Hüseyin Ö, Çakatay U, Ergen A, Zeybek Ü, Cacına C, Yıldız Y, Yaylım I (Istanbul University, Istanbul, Turkey). **The Individual and Combined Effects of CTLA4-Cd28 variants and oxidant-antioxidant status on the development of colorectal Cancer.**

**P004.** Saboory E (Urmia University, Urmia, Iran), Tavassoli E, Roshan-Milani S, Rasmi Y. **Effect of prenatal stress on density of NMDA receptors in rat brain.**

**P005.** Aşçı Çelik D, (SDU, Isparta, Turkey) Yavuz Türel G, Aslan Koşar P, Özçelik N. **Role of microRNAs in cancer development, diagnosis and treatment**

**P006.** Çay M (Firat University, Elazığ, Turkey), Sert Özen N. **Effect of benzo(a)pyrene on the homocysteine level and lipid parameters in rats.**

**P007.** Akyol S (Turgut Özal University, Ankara, Turkey), Altuntas A, Erden G, Cakmak O, Yükselten Y, Ugurcu V, Demircan K. **The determination of ADAMTS12 depletion using Western blot analysis technique in insulin-treated OUMS-27 human chondrosarcoma cells**

**P008.** Akyol S (Turgut Özal University, Ankara, Turkey), **Erden G, Altuntaş A, Çakmak Ö, Yükselten Y, Uğurcu V, Demircan K**

**A disintegrin and metalloproteinase with thrombospondin motif 8 (ADAMTS8) expression analysis by qRT-PCR in OUMS-27 cells before and after insulin administration**

**P009.** Varışlı Ö (Harran University, Sanliurfa, Turkey), **Aydilek N, Bozkaya F, Taşkın A. Effect of some stress factors (cryoprotectants, osmotic conditions) on sheep sperm and relationships of these factors with some oxidant/antioxidant parameters.**

**P010.** Altun Çolak D, Uysal H. (Atatürk University, Erzurum, Turkey) **Protective effects of Coenzyme Q10 and Resveratrol on PeCDD induced oxidative stress on transheterozigot larvae of *Drosophila melanogaster*.**

**P011.** Mazlum Şen T (Karadeniz Technical University, Trabzon, Turkey), **Örem A, Balaban Yücesan F, Örem C, Vanizor Kural B, Akcan B.**  
**Hazelnut-enriched diet improves oxidant-antioxidant status beyond a lipid-lowering effect in hypercholesterolemic subjects.**

**P012.** Bal R (Gaziantep University, Gaziantep, Turkey), **Onalan Etem E. ATP-sensitive K<sup>+</sup> channels in octopus neurons of mice cochlear nucleus**

**P013.** Bal R (Gaziantep University, Gaziantep, Turkey), **Onalan Etem E. TRPM2 channels in octopus neurons of mice cochlear nucleus.**

**P014.** Taysi S (Gaziantep University, Gaziantep, Turkey), **Okumuş S, Al B, Akyüz M, Sarıçicek E, Sarıçicek V, Taşcan A, Kenan S.**  
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on Nitrosative Stress in Lens Tissue in Radiation-Induced Cataract in Rat.

**P015.** Batı B (Yuzuncuyıl University, Van, Turkey). **Determination of hepatoprotective and antioxidant role of walnuts against ethanol-induced oxidative stress in rats.**

**P016.** Kahya MC (Izmir Katip Celebi University, Izmir, Turkey), Nazırođlu M, Ovey IS. **Melatonin and selenium modulates oxidative stress, apoptosis and Ca<sup>2+</sup> entry through TRPV1 and TRPM2 channels in dorsal root ganglion of diabetic rats.**

**P017.** Nazırođlu M, Kahya MC, Çiđ B (SDU, Isparta, Turkey). **Modulator role of melatonin on brain antioxidant and blood inflammation levels in diabetic rats.**

**P018.** Bütün A (Uşak State Hospital, Uşak, Turkey), Nazırođlu M, Demirci S, Çelik Ö, Uđuz AC. **Riboflavin and vitamin E increase brain calcium and antioxidant, and microsomal Ca<sup>2+</sup>-ATP-ase values in rat headache model induced by glyceryl trinitrate.**

**P019.** Nazırođlu M, Çelik Ö, Uđuz AC. Bütün A (Uşak State Hospital, Uşak, Turkey). **Protective effect of boflavin and selenium on brain microsomal Ca<sup>2+</sup>-ATP-ase and oxidative damage caused by glyceryl trinitrate as a rat headache model.**

**P020.** Yang Yu-Mi (Yonsei University College of Dentistry, Seoul, Korea), Shin Dong Min. **Mec hanosensitive TRP channels regulates Ca<sup>2+</sup> signaling in osteoclastogenesis.**

**P021.** Son GY(Yonsei University College of Dentistry, Seoul, Korea), Yang YM, Park WS, Chang I, Shin DM. **Hypotonic stress induces RANKL via transient receptor potential (TRP) M3 and TRPV4 channels in human PDL cells.**

**P022.** Doğan Z (Adiyaman University, Adiyaman, Turkey), Kocahan S, Erdemli E, Köse E, Yılmaz I, Ekincioglu Z, Ekinci N, Turkoz Y. **Effect of chemotherapy exposure prior to pregnancy on fetal brain tissue and the potential protective role of quercetin.**

**P023.** Coskun ZM (Istanbul Bilim University, Istanbul, Turkey), Bolkent S. **The role of  $\Delta^9$ -THC on oxidative stress status of brain and cerebellum in type-2 diabetes.**

**P024.** Alkiş ME, Kavak S (Muğla Sıtkı Koçman University, Muğla, Turkey), Sayır F. **The Effects of phrenic nerve degeneration by axotomy and crush on the electrical activities of diaphragm muscles of rats.**

**P025.** Şenol N (SDÜ, Isparta, Turkey), Nazıroğlu M. **Melatonin modulates antioxidant vitamin and oxidative stress values in brain and blood of traumatic brain injury-induced rats.**

**P026.** Yürüker V (SDÜ, Isparta, Turkey), Nazıroğlu M, Şenol N. **Melatonin reduces oxidative stress, apoptosis and Ca<sup>2+</sup> entry in hippocampus of traumatic brain injury-induced rats : Involvement of TRPM2 channels.**

**P027.** Özdemir ÜS (SDÜ, Isparta, Turkey), Nazıroğlu M, Şenol N. **Effects of Hypericum perforatum modulates oxidative stress and calcium entry through TRPM2 channels in dorsal root ganglion in spinal cord injury-induced rats.**

**P028.** Kocahan S, Doğan Z (Adiyaman University, Adiyaman, Turkey), Erdemli E, Taskin E. **Th**

**e protective effect of quercetin on oxidative stress-induced by doxorubicin and cyclophosphamide in female's kidney and liver tissues.**

P029. Köse SA (SDU, Isparta, Turkey), Nazıroğlu M. N-acetylcysteine reduces oxidative stress, apoptosis and **calcium entry in the neutrophils of patients with polycystic ovary syndrome: Involvement of TRPV1 and TRPM2 channels**

P030. Alev B (Marmara University, Istanbul, Turkey), Turkyilmaz IB, Ustundag UV, Ipekci H, Kuruca B, Emekli-Alturfan E, Tunali-Akbay T, Yanardag R, Yarat A. **Effects of Combination Treatment with A miodarone and White Cabbage Extract on Rat Spleen**

P031. Ozcelik E (Artvin Coruh University, Artvin, Turkey) Uslu S, Akyuz Iskender H. **Changes of the sialic acid levels in acetaminophen-induced hepatotoxicity following blueberry treatment**

P032. Dik B (Selçuk University, Konya, Turkey), Baş AL, Yazıhan N. **Determination of effects of midkine on wound healing and oxidative stress of experimental diabetic and healthy rats**

P033. de Jesus Ferreira MC (Max Mousseron Institute of Biomolecules, Montpellier, France), Crouzin N, Cohen-Solal C, Barbanel G, Guiramand J, Vignes M. **Neuroprotection induced by vitamin E against oxidative stress in hippocampal neurons: Involvement of TRPV1 channels and PMCA.**

P034. Turgut Cosan D (Osmangazi University, Eskişehir, Turkey), Soyocak A, Oner C, Erkasap MS, Bayman E, Mutlu Sahin F, Djamgoz MBA. **The importance of**

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**P035.** Öz M (Selçuk University, Konya, Turkey), Gökbel H, Okudan N, Belviranlı M, Demir EA. **Evaluation of oxidative stress in regular and exhaustive exercise: The effects of spirulina.**

**P036.** Selamoglu Talas Z (Niğde University, Turkey), Dogan H, Akgul H, Akyol E. **Defining the total antioxidant status and oxidative stress indexes of propolis samples obtained from various phytogeographical locations in Turkey.**

**P037.** Burak D, Er A, Corum O (Selçuk University, Konya, Turkey). **Effect of Alcoholic Extract of Taranç tula Cubensis (Theranekron®) on Serum Thiobarbituric Acid-Reactive Species Concentrations in Sheep.**

**P038.** Er A, Burak D, Corum O (Selçuk University, Konya, Turkey). **Effect of *Corynebacterium cutis* lysate (Ultra-Corn®) on serum oxidative stress and plasma prostaglandin F2α metabolite levels.**

**P039.** Calis İU (Osmangazi University, Eskişehir, Turkey), Turgut Cosan D, Saydam F, Kerem Kolac U, Soyocak A, Ozdemir Z, Kurt H, Veysi Gunes HV, Sahin Mutlu F, Degirmenci İ. **The effect of tannic acid in the monosodium glutamate induced oxidative stress in rats.**

**P040.** Yazgan B (Selçuk University, Konya, Turkey), Baltacı AK, Moğulkoç R, Avunduk MC. **The effect of zinc sulphate supplementation on the metallothionin levels in rat kidney, testes and heart tissue which applied ischemia-reperfusion.**

**P041.** Sozbir E (Afyon, Turkey), Nazıroğlu M. **Diabetic neuropathy enhances oxidative stress-activated TRPM2 cation channel activity and its control by N-acetylcysteine in rat dorsal root ganglion.**

**P042.** Nakhjiri E (Urmia University, Urmia, Iran), Saboory E, Roshan-Milani S. **Effects of prenatal restraint stress and morphine co-administration on vasopressin blood levels in rats female offspring.**

**P043.** Alpay M, Deveci HA (Gaziantep University, Turkey), Kısmali G, Sel T. **Effects of alpha-lipoic acid and 5-Fu on oxidative stress values in hydrogen peroxide-exposed kidney cancer cell line.**

**P044.** Deveci HA (Gaziantep University, Turkey), Alpay M. **Levels of antioxidant/oxidant in sheep with foot and mouth disease.**

**P045.** Boyacioglu M (Adnan Menders University, Aydın, Turkey) Kum C, Sekkin S, Yalinkilinc HS, Avci H, Erkmén Tugrul Epikmen ET, Karademir U. **The effects of lycopene on DNA damage and oxidative stress on indomethacin-induced gastric ulcer in rats.**

**P046.** Yıldız Deniz G (Atatürk University, Erzurum, Turkey), Karakoç A, Laloğlu E, Deniz M, Geyikoğlu F. **The biochemical and histological effects of *Pseudevernia a furfuracea* in normal and diabetic rats.**

**P047.** Ismailoglu I (Marmara University, Istanbul, Turkey), Coskun ZM, Ersoz M, Ali Turan MA. **Screening of anti-oxidative effects in *Camellia sinensis* L. leaves treated with boric acid.**

**P048.** Yorulmaz H (Haliç University, İstanbul, Turkey), Özkök E, Ateş G, Tamer AŞ. **Evaluation of ghrelin levels in lung tissue of septic rats with ghrelin treatment.**

**P049.** Özkök E (İstanbul University, İstanbul, Turkey), Yorulmaz H, Ateş G, Tamer AŞ. **Investigation of the effectiveness of ghrelin treatment on oxidative parameters in lung tissue of septic rats**

**P050.** Berköz M, Arvas G (Yüzüncü Yıl University, Van, Turkey), Yalın S, Yıldırım M, Açıkğöz G. **Investigation of protein oxidation in brucellosis cases.**

**P051** Nikanfar S (Urmia University, Urmia, Iran), Attari–Hajipirloo S, Heydari A, Kheradmand F. **Cytotoxic activities of dimethylcelecoxib on colorectal cancer cells and the synergistic effects of dimethylcelecoxib with imatinib**

**P052.** Bircan A (SDU, Isparta, Turkey) Bircan S, Yeşildal S, Nazıroğlu M, Eroğlu E, Songür N. **The effect of delayed fluid resuscitation on lung oxidative stress and antioxidant vitamin levels in a rat model of controlled hemorrhagic shock.**

**P053.** Bagdas D, Cam Etoz B, Zulfiye Gul (Uludag University, Bursa, Turkey), Ziyank S, Inan S, Yasar Gul N, Topal A, Cinkilic N, Tas S Ozyigit MO, Turacozen O, Sibel Gurun MS. **Enhanced antioxidant defense by Chlorogenic acid accelerates cutaneous wound healing in diabetic rats.**

**P054.** Gul Z (Uludag University, Bursa, Turkey), Buyukuysal RL. **Number of the slices in the medium alters staining of the cortical slices with 2,3,5 triphenyltetrazolium chloride under normoxic or oxygen-glucose deprived conditions.**

**P055.** Şahin Öztürk Ş (Mustafa Kemal University, Hatay, Turkey), Çalışkan Y, Okuyan HM, Karaboğa İ, Yönden Z. **Bogm a rakı and walnut effects liver tissue.**

**P056.** Gulhan MF (Aksaray University, Aksaray, Turkey), Sahna E, Selamoglu Talas Z. **Therapeutic potentials of some antioxidants**



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**P057.** Uğurcu V (Private Bilecik Orhangazi Dialysis Center, Bilecik, Turkey), Çakmak Ö, Fırat R, Kurşunlu SF, Akyol S, Altuntaş A, Demircan K. **The investigation of a disintegrin and metalloproteinase with thrombospondin motif (ADAMTS) 16 in insulin-induced chondrosarcoma cells.**

**P058.** Gumral N(SDU, Isparta, Turkey), Nazıroğlu M, Uğuz AC, Çelik Ö, Çömlekçi S. **The effects of melatonin and wireless devices (2.45 GHz EMR) on oxidant-antioxidant system in blood of rat**

**P-059.** Gultekin F, Kose SA, Savas HB (SDU, Isparta, Turkey). **Investigating of the relationship between the first trimester screening biochemical markers and complications and anomalies in pregnant women.**

**P-060.** Yuksel O, Kumbul Doguc D, Savas HB (SDU, Isparta, Turkey). **The effects of treadmill exercise on oxidant-antioxidant status in rat hippocampus.**

**P-061.** Altuntaş A, Uz E, Arslan Ş, Yiğit A, Kıdır V (SDU, Isparta, Turkey), Yiğit B, Uz E, , Sezer MT, Yılmaz HR. **Relationship between manganese superoxide dismutase enzyme genotype and progression of renal function in patients with predialytic chronic kidney disease**

**P-062.** İnal S, Uz E, Altuntaş A, Kıdır V (SDU, Isparta, Turkey), Yiğit A, Kale Köroğlu B, Aksu O, Yiğit B, Uz E, Sezer MT, Yılmaz HR. **Allelic variations in manganese superoxide dismutase gene and diabetic nephropathy in type 2 diabetic subjects**

**P-063.** Armagan İ (SDU, Isparta, Turkey), Bayram D, Candan IA, Yigit A, Celik E, Armagan HH.  
**Effect of pentoxifylline on rat liver and kidney oxidative damage induced by methotrexate**

**P-064.** Ak C, Bayram D, Armagan İ (SDU, Isparta, Turkey). **Effects of leptin on oxidative stress in kidney of rats: A histological study.**

**P-065.** Keskin M, Celik F, Celikel B, Tunoglu S, Karip B, Zeybek U. (Istanbul University, Istanbul). **Evaluation of M30-M65 cell death assays for tumor regression in rectal cancer patients treated with neoadjuvant therapy (Chemoradiotherapy)**

**P-066.** Köksal E (Erzincan University, Erzincan, Turkey), Bursal E, Gülçin İ, Gören AC. **Antioxidant activity and polyphenol content of leaves of spinach (*Spinacia oleracea*) monitored by LC-MS/MS**

**P-067.** Aydin S (Anadolu University, Eskisehir, Turkey), Cakmak A. **Anti-inflammatory actions of terpinen-4-ol: Evidence for a new TRP ligand.**

**P-068.** Nikanfar S (Urmia University, Urmia, Iran), Somayeh Attari-Hajipirloo S, Amir Heydari A, Kheradmand F. **Combination of imatinib and celecoxib, synergistically inhibit cell proliferation in colon cancer cells**

**P-069.** Ramírez-Barrantes R (University of Valparaíso, Chile), Cordova C, Olivero P. **TRPV1 mediates 17**

β-estradiol cell protection against oxidative stress maintaining the mitochondrial function.

**P-070.** Şimşek Ş (Dicle University, Diyarbakır, Turkey), Kaplan İ. **Oxidative stress level and its relation to develop post-traumatic stress disorder in child victims of sexual abuse**

**P-071.** Beytut E (Erzincan University, Erzincan, Turkey), Kart C. **The Effects of *Lycium barbarum* extract on some bone biochemical parameters and RANKL cytokine levels in model rats with osteoporosis which induced by glucocorticoid and ovariectomy.**

**P-072.** Beytut E (Erzincan University, Erzincan, Turkey), Akça A, Gökçe Hİ, Yılmaz S, Erişir M, Uslu H, Atila G, Hüseyin Avni Eroğlu HA, Gürsul C. **Effects of interferon gamma on the vitamins A and E with  $\beta$ -caroten in liver and kidney of mice and rats with different resistance and immunities experimentally infected with *Fasciola hepatica*.**

**P-073.** Rasmi Y (Urmia University, Urmia, Iran), Sadreddini M, Khadem- Ansari M-H, Shahsavari Z, Khosravifar F, Saboory E. **Lipid profile status in erosive and non-erosive reflux disease**

**P-074.** Kaya E (Fırat University, Elazığ, Turkey), Yılmaz S, Neriman Çolakoğlu N, Kaymaz MB. **Effects of artichoke against cyclophosphamide-induced nephrotoxicity and oxidative stress in rats.**

**P-075.** Aydemir B (Sakarya University, Sakarya, Turkey), Gürol G, Kızıler AZ, Bahtiyar N, Sevil Arabacı Tamer S, Öğüt S, Utkan T, Ateş N. **Effects of YC-1 on oxidant antioxidant system parameters and trace element levels in epileptic seizures in pentylenetetrazole-induced epileptic rats.**

**P-076.** Aydemir B (Sakarya University, Sakarya, Turkey), Akdemir R, Vatan MB, Cinemre FB, Cinemre B, Cinemre H, Kızıler AR, Kılıç MA, Büyükokuroğlu ME, Gürol G, Öğüt S. **Associations among plasma lipid peroxidation, selenium, zinc and tumor necrosis factor-alpha concentrations in patients with chordae tendineae.**

**P-077.** Düşgün C, (Niğde University, Niğde, Turkey), Gülhan MF, Akgül H, Selamoğlu Talas Z. **The study of antioxidant capacity by *in vitro* methods in plants that have different levels of allantoin metabolism.**

**P-078.** Kartal A (Hacettepe University, Ankara, Turkey), Selmanoğlu G. **Cytotoxic effects of benzyl benzoate on L929 cells.**

**P-079.** Yavru S, Avcı O, Dik I, (Selçuk University, Konya, Turkey), Atli K. **Antioxidant enzyme activities in Vero cell line inoculated with Herpes Simplex Virus type 1.**

**P-080.** Avcı O, Yavru S, Dik I, (Selçuk University, Konya, Turkey). **Superoxide dismutase, catalase and glutathione peroxidase activities in vero cell line inoculated with bovine ephemeral fever virus.**

**P-081.** Özgençli İ (Atatürk University, Erzurum, Turkey), Çiftçi M. **Purification and characterization of mitochondrial thioredoxin reductase enzyme from rainbow trout (*Oncorhynchus Mykiss*) liver and investigation of some metal ions' *in vitro* effects on enzyme activity**

**P-082.** Gürol G, Aydemir B, Kızıler AR, Sarı S, Topçu NE (Sakarya University, Sakarya, Turkey), Kılıç MA, Utkan T, Ateş N. **Effects of YC-1 on zinc, copper, lipid peroxidation, nitric oxide levels and superoxide dismutase activities in single-dose pentylenetetrazole-induced epileptic seizures**

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**P-083.** Aydemir B, Gürol G, Ekici F, Cinemre FB, Kızıler AR, Topçu NE (Sakarya University, Sakarya, Turkey), Bahtiyar N. **The role of selenium level and oxidative stress markers in pathophysiology of absence epilepsy.**

**P-084.** Kılıç-Erkek Ö (Pamukkale University, Denizli, Turkey), Kılıç-Toprak E, Akbudak İ, Küçükkatay V, Bor-Küçükkatay M. **Alterations of renal oxidative stress in response to exercise and detraining of 10 weeks in spontaneously hypertensive rats.**

**P-085.** Özdamar G(SDU, Isparta, Turkey), Nazıroğlu M, Demirdaş A, Övey IS. **Effects of agomelatine on apoptosis and Ca<sup>2+</sup> entry through TRPV1 and TRPM2 channels in hippocampus of depression induced rats.**

**P-086.** Demirdaş M(SDU, Isparta, Turkey), Nazıroğlu M, Özdamar G. **Effects of agomelatine on oxidative stress in blood and brain of rats with depression**

**P-087.** Chen Y, Bollo M (Universidad Nacional de Córdoba, Argentina), Holstein D, Lechleiter J. **Calcineurin $\square$  regulates PERK autophosphorylation in astrocytes after stress.**

**P-088.** Rabiei S (Urmia University, Urmia, Iran), Gaznagh SF, Khadem-Ansari M-H, Rasmi Y, Nemati M. **Evaluation of serum levels of total antioxidant capacity (TAC), reduced glutathione (GSH) and oxidized glutathione (GSSG) in early stage breast cancer**

**P-089.** Öner C (Osmangazi University, Eskişehir, Turkey), Çolak E, Turgut Coşan D. **Otherwis e perspective of voltage-gated potassium channels.**

**P-090.** Nazıroğlu M, Övey IS(SDU, Isparta, Turkey). **Involvement of apoptosis and calcium accumulation through TRPV1 channels in neurobiology of epilepsy**

**P-091.** Méndez-López I (Universidad Autónoma de Madrid (UAM), Madrid, Spain), Bomfim GHS, Musial DC, Arranz-Tagarro JA, Velsaco-Martin JP, Regadera J, Jurkiewicz NH, Jurkiewicz A, García AG, Padín JF. **Disregulation of capacitative calcium entry in hypertensive rats associated to mitochondrial dysfunction.**

**P-092.** Padín Nogueira JF (Universidad Autónoma de Madrid, Spain), García Miñarro AM, de la Torre AHG, Monteagudo CC. García AG **. Modulation of colon motility by TRPV1, V4 and A1 channels in rat.**

**P-093.** Saygin M, Asci H, Cankara FN, Yesilot S (SDÜ, Isparta, Turkey), Candan IA, Bayram D, Alp HH. **The impact of high fructose on cardiovascular system; role of alpha lipoic acid.**

**P-094.** Yesilot S (SDÜ, Isparta, Turkey), Asci H, Cankara FN, Ozgocmen M, Saygin M. **Aspirin and vitamin C prevent corn syrup-induced renal damage in rats**

**P-095.** Rezaei S (Urmia University, Urmia, Iran), Heydarzadeh S, Faramarz Gaznagh S, Rabeie S, Ansari MH, Rasmi Y. **The effects of the mixture of apple and banana juices on immunoglobulin, complements and acid folic.**

**P-096.** Heydarzadeh S (Urmia University, Urmia, Iran), Rezaei S, Faramarz Gaznagh S, Rabeie S, Ansari MH, Rasmi Y. **Effect of the mixture of peach and mango juices on the serum level of IgA, IgM, IgG, C3, C4, CH50 and acid folic.**

**P-097.** Faramarz Gaznagh S (Urmia University, Urmia, Iran), Rabeie S, Rezaee S, Heydarzadeh S, Khadem-Ansari M-H, Rasmi Y. **Orange juice consumption and its relation to immune system and oxidative stress in healthy adults**

**P-098.** Dağ A (Osmangazi University, Eskişehir, Turkey), Turgut Cosan D, Oner C, Ak G, Soyocak A, Metintas M, Colak E, Gunes HV. **The Identification of total oxidant**

and antioxidant levels in mesothelioma.

**P-099.** Jhonsa R (Bangalore, India), Nongthomba U. **Role of *canB2*, calcium binding subunit of calcineurin, in maintaining calcium homeostasis during the *Drosophila* indirect flight muscle development and function.**

**P-100.** Kara H, Turgut NH, Eğilmez R, Mert DG, Tepe B, Arslanbaş E, Hüseyin Güngör H (Cumhuriyet University, Sivas, Turkey).

***Lonicera caprifolium***

**L.**

**attenuates cognitive impairment induced by D-galactose in mice via inhibition of oxidative stress.**

**P-101.** Aslan Koşar P (SDÜ, Isparta, Turkey), Koçer M, Aşçı Çelik D, Özçelik N. **Cytogenetic findings in breast cancer patients who underwent chemotherapy.**

**P-102.** Ulusoy Karatopuk D (SDÜ, Isparta, Turkey), Nazıroğlu M. Öncü M, Övey İS. **Evaluating apoptosis, Ca**

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**entry and oxidative stress markers as indicator of oocyte quality in granulosa cells of women undergoing in vitro fertilization (**

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**P-103.** Bostancı MÖ (Hitit University, Çorum , Turkey), Bağırıcı F. **The Role of L-Type calcium channels in iron-induced hippocampal and nigral neurotoxicity.**

**P-104.** Özbek Yazıcı S (Mehmet Akif University, Burdur, Turkey), Özgüner M. **Leptin expression in prenatal and postnatal tissues.**

**P-105.** Turgut Coşan D, Çolak E (Osmangazi University, Eskişehir, Turkey), Saydam F, Yazici

HU, Degirmenci İ, Birdane A, Günes HV, Çolak E. **Decrease of antioxidant paraoxonase-1 activity is associated with essential hypertension.**

**P-106.** Safi Oz Z (Bulent Ecevit University, Zonguldak, Turkey), Doğan Gun B, Gun MO, Ozdamar SO. **Cytogenetic biomonitoring and Cytomorphometric analysis in women with *Trichomonas vaginalis* infection: Micronucleus frequency in exfoliated cervical epithelial cells.**

**P-107.** Çakır-Atabek H (Anadolu University, Eskişehir, Turkey), Özdemir F. **Effects of strenuous anaerobic exercise on 8-hydroxydeoxyguanosine (8-OHdG) in sedentary cigarette smokers and nonsmokers.**

**P-108.** Yucel UM (Yuzuzncu Yil University, Van, Turkey). **Importance of reactive oxygen species in toxicology**

**P-109.** Durna Dastan S, Dastan T, Gulhan MF, Selamoglu Talas Z. **The determination of effective concentration of pollen extract with biochemical analyses in liver tissue of fish (*Oncorhynchus mykiss*).**

**P-110.** Soyocak A, Kurt H, ozdemirZ, Saydam F, Calıs IU, Kolac UK, Turgut Cosan D (Osmangazi University, Eskişehir, Turkey), Degirmenci I, Sahin Mutlu F, Gunes HV. **The relationship between tannic acid and myeloperoxidase enzyme activity in the inflamed paw tissue formed by formalin injection in rats.**

**P-111.** Laloğlu E (Atatürk University, Erzurum, Turkey), Karakoç A, Yıldız Deniz G, Orsal E, Aksoy H, Akçay F. **The extent of oxidative stress in patients with acute myocardial infarction.**



**P-112.** Kahveci H, Lalođlu F, Kılıç Ö, Lalođlu E(Atatürk University, Erzurum, Turkey), Yıldırım A, Orbak Z, Ertekin V, Turan Mİ.

**Are paraoxonase**

**1 and arylesterase enzymes antioxidants in hyperbilirubinemic newborn infants?**

**P-113.** Karakoç A(Atatürk University, Erzurum, Turkey), Yıldırım S, Lalođlu E, Yıldırım A, Bakan N. **Investigation of the effect of exercise on zinc and copper levels in the heart tissue of hyperthyroid rats.**

**P-114.** Eraç Y (Ege University, İzmir, Turkey), SelliÇ, Ballar P, Kosova B, Tosun M. **Effects of TRPC1-silencing and -overexpression on proliferation in human primary aortic smooth muscle cells**

**P-115.** Güneş ON(Atatürk University, Erzurum, Turkey), Kurt N, Yılmaz M, Gul MA, Ozgeris FB, Bakan N. **Serum paraoxonase/arylesterase activities and malondialdehyde levels in HELLP syndrome.**

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**P-118.** Dokuyucu R, Sefil F, Ozcan O, Gokce H, Ozturk S, Tutuk O (Mustafa Kemal University, Hatay, Turkey), Ozturk A. **Effect of lipoic acid on steroid-induced osteonecrosis in rats.**

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**P-124.** Khadem-Ansari, M-H, Rasmi Y, Mahabadi S (Urmia University, Urmia, Iran), Samadpour-Maqsodlo M. **The study of superoxide dismutase level in woman suffering from breast cancer in stage1.**

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<sup>2+</sup>

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