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Education Information

Doctorate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Biyoloji, Turkey 1986 - 1992

Postgraduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Turkey 1984 - 1986

Undergraduate, İstanbul Üniversitesi, Faculty of Science, Biyoloji, Turkey 1978 - 1982

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Siklofosamid'in Swiss Black C 57'nin Böbrek Dokusu Üzerine Etkileri, Istanbul University, Institute of Graduate Studies In Sciences, Hücre Biyolojisi, 1992

Postgraduate, Siklofosamid'in Swiss Black C 57'nin Karaciğer Dokusu Üzerine Etkileri, Istanbul University, Institute of Graduate Studies In Sciences, Hücre Biyolojisi, 1986

Research Areas

Life Sciences, Biochemistry, Biochemical Toxicology, Molecular Biochemistry, Structural Biology, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Department of Biology, 2014 - Continues

Academic and Administrative Experience

İstanbul Üniversitesi, Faculty of Science, 2014 - Continues

İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2007 - 2009

İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2006 - 2009

Courses

Bilimsel Araştırmaya Giriş, Undergraduate, 2012 - 2013
Moleküler Hücre Biyolojisi, Undergraduate, 2011 - 2012
Kök Hücre Biyolojisine Giriş, Undergraduate, 2012 - 2013
Moleküler Biyoloji Teknikleri, Undergraduate, 2011 - 2012
Biyokimya, Undergraduate, 2011 - 2012

Advising Theses

BOLKENT Ş., INS-Beta Hücrelerinde Serbest Yağ Asidiyle Oluşan Apoptozda GLP-1 Analogunun Biyolojik Etkisi, Postgraduate, E.Oyar(Student), 2015
BOLKENT Ş., Sıçan İnsülinoma β -Hücrelerinde (INS-1) 4-Metilkatekol'ün Etkileri, Doctorate, A.Karatuğ(Student), 2015
BOLKENT Ş., Prostat Kanseri Hücre Hatlarında Epibrassinolidle Tetiklenen Apoptotik Süreçde Poliaminlerin Rollerinin Araştırılması, Doctorate, P.Obakan(Student), 2012
BOLKENT Ş., Farklı Memeli Hücre Soylarının Transfeksiyon Ajanlarına Karşı Membran Davranışları, Postgraduate, Z.Güler(Student), 2011
BOLKENT Ş., C6 Glioma Hücrelerinde Histon Deasetilaz İnhibitörlerinin ve Sinir Büyüme Faktörünün Rolü, Postgraduate, S.Narin(Student), 2011
BOLKENT Ş., Gen Salınımı Çalışmalarında Değişik Deney Koşullarında Plazmid Miktar Optimizasyonu, Postgraduate, Z.Ficen(Student), 2011
BOLKENT Ş., Kurbağa (*Rana ridibunda*) Parmak Yastukçığındaki Mevsimsel Değişikliklerin Morfolojik ve Biyokimyasal Olarak Araştırılması, Doctorate, E.Kaptan(Student), 2010
BOLKENT Ş., Streptozotosin Verilen Sıçanların Pankreas Beta Hücrelerinde Sinir Büyüme Faktörünün Apoptoz Mekanizmasına Etkileri, Doctorate, S.Gezginci(Student), 2010
BOLKENT Ş., STZ-Diyabetik Farelere Uygulanan Kombine Antioksidanın Pankreas Üzerine İmmunohistokimyasal ve Biyokimyasal Etkileri, Postgraduate, A.Karatuğ(Student), 2009
BOLKENT Ş., BALB/C Farelerde TNF-alfa/Aktinomisin D İle Oluşan İnce Bağırsak Hasarında GLP-2'nin Biyolojik Rolü, Doctorate, P.Arda(Student), 2008
BOLKENT Ş., BALB/c Farelerde D-Galaktozamin/Tümör Nekroz Faktör-Alfa ile Oluşturulan Karaciğer Hasarında Apoptoz ve Katepsin B'nin Rolü, Postgraduate, S.Gezginci(Student), 2005
BOLKENT Ş., Sıçan (*Rattus norvegicus*)'larda D-Galaktozamin ile Oluşturulan Karaciğer Hasarında Askorbik Asit, Beta-Karoten, Alfa-Tokoferol ve Selenyumun Rolü, Postgraduate, T.Çatal(Student), 2004
BOLKENT Ş., Sıçan (*Rattus norvegicus*)'larda Akut İskemi Reperfüzyon Modeli ile Oluşturulan Böbrek Yetmezliğinde Prostaglandin E(1)'in Rolü, Postgraduate, N.Orhan(Student), 2004
BOLKENT Ş., Sıçan (*Rattus norvegicus*) Gastrik Mukoza Lezyonları Üzerine Çinkonun Etkileri, Postgraduate, P.Arda(Student), 2003
BOLKENT Ş., Tiroid Hormonlarının İnce Bağırsak Üzerine Etkileri, Doctorate, Ö.Bulan(Student), 1998

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Vitamin U prevents valproic acid-induced liver injury through supporting enzymatic antioxidant system and increasing hepatocyte proliferation triggered by inflammation and apoptosis**
Celik E., Tunali S., Gezginci-Oktayoglu S., BOLKENT Ş., Can A., Yanardag R.
TOXICOLOGY MECHANISMS AND METHODS, vol.31, no.8, pp.600-608, 2021 (Journal Indexed in SCI)
- II. **miR-375 induces adipogenesis through targeting Erk1 in pancreatic duct cells under the influence of sodium palmitate.**
Gezginci-Oktayoglu S., Sancar S., Karatug-Kacar A., Bolkent S.
Journal of cellular physiology, vol.236, pp.3881-3895, 2021 (Journal Indexed in SCI Expanded)
- III. **Protective Effects of an Oxovanadium(IV) Complex with N2O2 Chelating Thiosemicarbazone on Small Intestine Injury of STZ-Diabetic Rats**

- Tunali S, Oktayoğlu S, Bolkent Ş, Çoşkun E, Bal Demirci T, Ülküseven B, Yanardağ R.
Biological Trace Element Research, vol.199, no.4, pp.1524-1534, 2021 (Journal Indexed in SCI)
- IV. **Zinc Prevents Ethanol-Induced Oxidative Damage in Lingual Tissues of Rats.**
Bayrak B. B. , Arda-Pirincci P, Bolkent Ş, Yanardag R.
Biological trace element research, 2021 (Journal Indexed in SCI)
- V. **Synthesis, characterization and staining performance of peripherally and non-peripherally substituted metallo-phthalocyanines bearing 1,3-bis-(trimethylamino)-2-propoxy groups**
Özçeşmeci M, Bas S, Akkurt B, BOLKENT Ş, Hamuryudan E.
NEW JOURNAL OF CHEMISTRY, vol.44, no.19, pp.7786-7794, 2020 (Journal Indexed in SCI)
- VI. **Investigation of cell death mechanism and activity of esculetin-loaded PLGA nanoparticles on insulinoma cells in vitro.**
Karatug Kacar A, Bahadori F, Tekkeli Ş. E. , Topçu G, Bolkent S.
The Journal of pharmacy and pharmacology, vol.72, pp.592-606, 2020 (Journal Indexed in SCI Expanded)
- VII. **Galectin-1 exhibits a protective effect against hepatotoxicity induced by dextran sulfate sodium in mice.**
Arda-Pirincci P, Sacan O, Ozal-Coskun C, Aykol-Celik G, Karabulut-Bulan O, Yanardag R, Bolkent Ş.
Human & experimental toxicology, vol.39, pp.423-432, 2020 (Journal Indexed in SCI Expanded)
- VIII. **The effects of vitamins and selenium mixture against brain tissue induced by d-galactosamine**
TUNALI S, ÇATAL T, Bolkent S, YANARDAĞ R.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.33, no.8, 2019 (Journal Indexed in SCI)
- IX. **The effects of atorvastatin on the kidney injury in mice with pulmonary fibrosis.**
Karatug Kacar A, Yildirim M, Bolkent Ş, Oztay F.
The Journal of pharmacy and pharmacology, vol.71, pp.1301-1310, 2019 (Journal Indexed in SCI Expanded)
- X. **The effects of vitamins and selenium mixture or ranitidine against small intestinal injury induced by indomethacin in adult rats.**
Turkyilmaz I. B. , Pirincci P. A. , Bolkent Ş, Yanardag R.
Journal of food biochemistry, vol.43, no.4, 2019 (Journal Indexed in SCI Expanded)
- XI. **Vitronectin, fibronectin and epidermal growth factor induce proliferation via the JNK and ERK pathways in insulinoma INS-1 cells.**
Karatug Kacar A, Bolkent Ş.
Cytotechnology, vol.71, pp.209-217, 2019 (Journal Indexed in SCI Expanded)
- XII. **Synthesis and Biological Uses of A(3)B Type Water-Soluble Phthalocyanine Alternate to Alcian Blue**
Özçeşmeci M, Sancar-Bas S, Akkurt B, Hamuryudan E, Bolkent S.
CHEMISTRYSELECT, vol.3, pp.12805-12812, 2018 (Journal Indexed in SCI)
- XIII. **Tub and beta-catenin play a key role in insulin and leptin resistance-induced pancreatic beta-cell differentiation**
Ercin M, Sancar-Bas S, Bolkent S, Gezginci-Oktayoglu S.
BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH, vol.1865, no.12, pp.1934-1944, 2018 (Journal Indexed in SCI)
- XIV. **4-Methylcatechol stimulates apoptosis and reduces insulin secretion by decreasing betacellulin and inhibin beta-A in INS-1 beta-cells.**
Karatug Kacar A, Gezginci-Oktayoglu S, Bolkent Ş.
Human & experimental toxicology, vol.37, no.11, pp.1123-1130, 2018 (Journal Indexed in SCI Expanded)
- XV. **4-Methylcatechol prevents streptozotocin-induced acute kidney injury through modulating NGF/TrkA and ROS-related Akt/GSK3 beta/beta-catenin pathways**
Gezginci-Oktayoglu S, Coskun E, Ercin M, Bolkent S.
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.64, pp.52-59, 2018 (Journal Indexed in SCI)
- XVI. **The effect of plant lectins on the survival and malignant behaviors of thyroid cancer cells**
Kaptan E, Sancar-Bas S, Sancakli A, Bektas S, Bolkent S.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.119, no.7, pp.6274-6287, 2018 (Journal Indexed in SCI)
- XVII. **Involvement of dying beta cell originated messenger molecules in differentiation of pancreatic**

mesenchymal stem cells under glucotoxic and glucolipotoxic conditions.

Gezginci-Oktayoglu S., Onay-Ucar E., Sancar-Bas S., Karatug-Kacar A., Arda E. Ş. N., Bolkent Ş.

Journal of cellular physiology, vol.233, no.5, pp.4235-4244, 2018 (Journal Indexed in SCI Expanded)

- XVIII. Necrotic cell death occur via JNK pathway with the activity of transcription factor c-Jun by 4-MC in INS-1 cell line.**
Karatug Kacar A., Bolkent Ş.
Journal of cellular biochemistry, vol.119, pp.2048-2060, 2018 (Journal Indexed in SCI Expanded)
- XIX. Exendin-4 partly ameliorates - hyperglycemia-mediated tissue damage in lungs of streptozotocin-induced diabetic mice**
Oztay F., Sancar-Bas S., Gezginci-Oktayoglu S., Ercin M., Bolkent S.
PEPTIDES, vol.99, pp.99-107, 2018 (Journal Indexed in SCI)
- XX. Runt-Related Transcription Factor 2 (Runx2) Is Responsible for Galectin-3 Overexpression in Human Thyroid Carcinoma**
KAPTAN E., Bas S., SANCAKLI A., Aktas H. G. , BAYRAK B. B. , Yanardag R., BOLKENT Ş., BOLKENT Ş.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.118, no.11, pp.3911-3919, 2017 (Journal Indexed in SCI)
- XXI. The Role of Delta(9)-Tetrahydrocannabinol in Diabetes Mellitus**
Coskun Z. M. , Bolkent S.
HANDBOOK OF CANNABIS AND RELATED PATHOLOGIES: BIOLOGY, PHARMACOLOGY, DIAGNOSIS, AND TREATMENT, pp.779-786, 2017 (Journal Indexed in SCI)
- XXII. Protective Effects of Vitamin E and Selenium Administration on Small Intestinal Damage Prior to Abdominal Radiation**
Karabulut-Bulan O., Bolkent S., Kizir A., Yanardag R.
PAKISTAN JOURNAL OF ZOOLOGY, vol.48, no.5, pp.1225-1232, 2016 (Journal Indexed in SCI)
- XXIII. A matter of regeneration and repair: Caspases as the key molecules**
Bolkent Ş., Öztay F., Oktayoğlu S., Sancar Baş S., Karatug Kaçar A.
Turkish Journal Of Biology, vol.40, no.2, pp.333-352, 2016 (Journal Indexed in SCI Expanded)
- XXIV. The protective effects of prostaglandin E1 on lung injury following renal ischemia-reperfusion in rats.**
Oztay F., Kara-Kisla B., Orhan N., Yanardag R., Bolkent Ş.
Toxicology and industrial health, vol.32, pp.1684-92, 2016 (Journal Indexed in SCI Expanded)
- XXV. Esculentin-2PLa, a frog skin antimicrobial peptide, causes necrotic cell death in breast cancer cell lines**
Sancar-Bas S., Bolkent S.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (Journal Indexed in SCI)
- XXVI. Prostaglandin-E1 has a protective effect on renal ischemia/reperfusion-induced oxidative stress and inflammation mediated gastric damage in rats.**
Gezginci-Oktayoglu S., Orhan N., Bolkent Ş.
International immunopharmacology, vol.36, pp.142-150, 2016 (Journal Indexed in SCI Expanded)
- XXVII. Runt-related transcription factor 2 (Runx2) is responsible for galectin-3 overexpression in human thyroid carcinoma**
Kaptan E., Bas S. S. , Sancakli A., Aktas H. G. , Bolkent S.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (Journal Indexed in SCI)
- XXVIII. Vitamin U has a protective effect on valproic acid-induced renal damage due to its anti-oxidant, anti-inflammatory, and anti-fibrotic properties.**
GEZGINCI-OKTAYOGLU S., TURKYILMAZ I., Ercin M., YANARDAG R., BOLKENT S.
Protoplasma, vol.253, pp.127-35, 2016 (Journal Indexed in SCI)
- XXIX. THE PROTECTIVE EFFECT OF AN AQUEOUS EXTRACT FROM SMILAX EXCELSA L. AGAINST CARBON TETRACHLORIDE-INDUCED LIVER INJURY IN RATS**
Ozsoy N., Okyar A., Arda-Pirincci P., Can A., Bolkent Ş., Akev N.
AFRICAN JOURNAL OF TRADITIONAL COMPLEMENTARY AND ALTERNATIVE MEDICINES, vol.13, no.3, pp.203-208, 2016 (Journal Indexed in SCI)

- XXX. **The role of ghrelin on apoptosis, cell proliferation and oxidant-antioxidant system in the liver of neonatal diabetic rats**
Koyuturk M., Sacan O., Karabulut S., Turk N., Bolkent S., Yanardag R., Bolkent S.
CELL BIOLOGY INTERNATIONAL, vol.39, no.7, pp.834-841, 2015 (Journal Indexed in SCI)
- XXXI. **Nerve Growth Factor Neutralization Suppresses beta-Cell Proliferation Through Activin A and Betacellulin**
Gezginci-Oktayoglu S., Karatug A., Bolkent S.
PANCREAS, vol.44, no.2, pp.243-249, 2015 (Journal Indexed in SCI)
- XXXII. **Exendin-4 attenuates renal tubular injury by decreasing oxidative stress and inflammation in streptozotocin-induced diabetic mice.**
Sancar-Bas S., Gezginci-Oktayoglu S., Bolkent S.
Growth factors (Chur, Switzerland), vol.33, pp.419-29, 2015 (Journal Indexed in SCI Expanded)
- XXXIII. **Chard (Beta vulgaris var. cicla) extract improved hyperglycemia-induced oxidative stress and surfactant-associated protein alterations in rat lungs**
Oztay F., Sacan O., Kayalar O., Bolkent S., Ipci Y., KABASAKAL L., ŞENER G., Yanardag R.
PHARMACEUTICAL BIOLOGY, vol.53, no.11, pp.1639-1646, 2015 (Journal Indexed in SCI)
- XXXIV. **Protective effect of Amaranthus lividus L. on carbon tetrachloride induced hepatotoxicity in rats**
Yilmaz-Ozden T., Can A., Sancar-Bas S., Pala-Kara Z., Okyar A., Bolkent S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.2, pp.125-131, 2015 (Journal Indexed in SCI)
- XXXV. **Carbon tetrachloride induced kidney damage and protective effect of Amaranthus lividus L. in rats**
YILMAZ ÖZDEN T., CAN A., KARATUĞ A., PALA KARA Z., OKYAR A., BOLKENT Ş.
TOXICOLOGY AND INDUSTRIAL HEALTH, pp.1-10, 2014 (Journal Indexed in SCI)
- XXXVI. **Activation of polyamine catabolic enzymes involved in diverse responses against epibrassinolide-induced apoptosis in LNCaP and DU145 prostate cancer cell lines**
OBAKAN P., ARISAN E. D., Calcabrini A., Agostinelli E., Bolkent S., Palavan-Unsal N.
AMINO ACIDS, vol.46, no.3, pp.553-564, 2014 (Journal Indexed in SCI)
- XXXVII. **Chard (Beta vulgaris L. var. cicla) extract ameliorates hyperglycemia by increasing GLUT2 through Akt2 and antioxidant defense in the liver of rats.**
Gezginci-Oktayoglu S., Sacan O., Bolkent S., Ipci Y., KABASAKAL L., ŞENER G., Yanardag R.
Acta histochemica, vol.116, no.1, pp.32-9, 2014 (Journal Indexed in SCI Expanded)
- XXXVIII. **The role of epidermal growth factor in prevention of oxidative injury and apoptosis induced by intestinal ischemia/reperfusion in rats**
Arda-Pirincci P., Bolkent S.
ACTA HISTOCHEMICA, vol.116, no.1, pp.167-175, 2014 (Journal Indexed in SCI)
- XXXIX. **Seasonal lectin binding variations of thumb pad in the frog (Pelophylax ridibundus).**
Kaptan E., Bolkent S.
Journal of morphology, vol.275, no.1, pp.76-86, 2014 (Journal Indexed in SCI Expanded)
- XL. **Regulation of oxidative stress and somatostatin, cholecystokinin, apelin gene expressions by ghrelin in stomach of newborn diabetic rats.**
Coskun Z. M., Sacan O., Karatug A., Turk N., Yanardag R., Bolkent S., Bolkent S.
Acta histochemica, vol.115, no.7, pp.740-7, 2013 (Journal Indexed in SCI Expanded)
- XLI. **Evaluation of Smilax excelsa L. Use in Experimentally Induced Nephrotoxicity**
Ozsoy N., Okyar A., Arda-Pirincci P., Can A., Bolkent S., Akev N.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, pp.807-814, 2013 (Journal Indexed in SCI)
- XLII. **The potential role of combined antioxidant treatment on pancreas of STZ-diabetic mice**
Karatug A., Bolkent S.
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.65, pp.255-262, 2013 (Journal Indexed in SCI)
- XLIII. **Acute effects of methiocarb on oxidative damage and the protective effects of vitamin E and taurine in the liver and kidney of Wistar rats**
Ozden S., Catalgol B., Gezginci-Oktayoglu S., Karatug A., Bolkent S., Alpertunga B.

- TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.1, pp.60-71, 2013 (Journal Indexed in SCI)
- XLIV. **Alterations in kidney tissue following zinc supplementation to STZ-induced diabetic rats**
Karatug A, Kaptan E, Bolkent S, Mutlu O, Yanardag R.
Journal of Trace Elements in Medicine and Biology, vol.27, no.1, pp.52-57, 2013 (Journal Indexed in SCI Expanded)
- XLV. **Teduglutide, a glucagon-like peptide 2 analogue: a novel protective agent with anti-apoptotic and anti-oxidant properties in mice with lung injury.**
Arda-Pirincci P, Oztay F, Bayrak B. B. , Yanardag R, Bolkent S.
Peptides, vol.38, pp.238-47, 2012 (Journal Indexed in SCI Expanded)
- XLVI. **The relation among NGF, EGF and insulin is important for triggering pancreatic beta cell apoptosis**
Gezginci-Oktayoglu S, Karatug A, Bolkent S.
DIABETES-METABOLISM RESEARCH AND REVIEWS, vol.28, no.8, pp.654-662, 2012 (Journal Indexed in SCI)
- XLVII. **Regulation of gene expression and biochemical changes in small intestine of newborn diabetic rats by exogenous ghrelin**
Karatug A, Sacan O, Coskun Z. M. , Bolkent S, Yanardag R, Turk N, Bolkent S.
PEPTIDES, vol.33, no.1, pp.101-108, 2012 (Journal Indexed in SCI)
- XLVIII. **Ras signaling in NGF reduction and TNF-alpha-related pancreatic beta cell apoptosis in hyperglycemic rats**
Gezginci-Oktayoglu S, Bolkent S.
APOPTOSIS, vol.17, no.1, pp.14-24, 2012 (Journal Indexed in SCI)
- XLIX. **The role of glucagon-like peptide-2 on apoptosis, cell proliferation, and oxidant-antioxidant system at a mouse model of intestinal injury induced by tumor necrosis factor-alpha/actinomycin D**
Arda-Pirincci P, Bolkent S.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.350, pp.13-27, 2011 (Journal Indexed in SCI)
- L. **4-Methylcatechol prevents NGF/p75(NTR)-mediated apoptosis via NGF/TrkA system in pancreatic beta cells**
Gezginci-Oktayoglu S, Bolkent S.
NEUROPEPTIDES, vol.45, no.2, pp.143-150, 2011 (Journal Indexed in SCI)
- LI. **Exendin-4 improves hepatocyte injury by decreasing proliferation through blocking NGF/TrkA in diabetic mice**
Gezginci-Oktayoglu S, Sacan O, Yanardag R, Karatug A, Bolkent S.
PEPTIDES, vol.32, no.2, pp.223-231, 2011 (Journal Indexed in SCI)
- LII. **Z-FA.FMK activates duodenal epithelial cell proliferation through oxidative stress, NF-kappa B and IL-1 beta in D-GaIN/TNF-alpha-administered mice**
Gezginci-Oktayoglu S, Bolkent S, Bayrak B. B. , Yanardag R.
CELL BIOLOGY INTERNATIONAL, vol.34, no.5, pp.543-552, 2010 (Journal Indexed in SCI)
- LIII. **Protective effects of antioxidant combination against D-galactosamine-induced kidney injury in rats**
Catal T, Sacan O, Yanardag R, Bolkent S.
CELL BIOCHEMISTRY AND FUNCTION, vol.28, no.2, pp.107-113, 2010 (Journal Indexed in SCI)
- LIV. **Cathepsin B inhibition improves lung injury associated to D-galactosamine/tumor necrosis factor-alpha-induced liver injury in mice.**
Oztay F, Gezginci-Oktayoglu S, Bayrak B. B. , Yanardag R, Bolkent S.
Molecular and cellular biochemistry, vol.333, pp.65-72, 2010 (Journal Indexed in SCI Expanded)
- LV. **The Influence of Zinc Supplementation on the Pancreas of Streptozotocin-Diabetic Rats**
Bolkent S, Yanardag R, Bolkent S, Mutlu O.
DIGESTIVE DISEASES AND SCIENCES, vol.54, no.12, pp.2583-2587, 2009 (Journal Indexed in SCI)
- LVI. **Exendin-4 exerts its effects through the NGF/p75(NTR) system in diabetic mouse pancreas**
Gezginci-Oktayoglu S, Bolkent S.
BIOCHEMISTRY AND CELL BIOLOGY, vol.87, no.4, pp.641-651, 2009 (Journal Indexed in SCI)
- LVII. **Methiocarb-induced oxidative damage following subacute exposure and the protective effects of vitamin E and taurine in rats**
Ozden S, Catalgol B, Gezginci-Oktayoglu S, Arda-Pirincci P, Bolkent S, Alpertunga B.

- FOOD AND CHEMICAL TOXICOLOGY, vol.47, no.7, pp.1676-1684, 2009 (Journal Indexed in SCI)
- LVIII. **The Effects of Combined Treatment of Antioxidants on the Liver Injury in STZ Diabetic Rats**
Gezginci-Oktayoglu S., Basaraner H., Yanardag R., Bolkent S.
DIGESTIVE DISEASES AND SCIENCES, vol.54, no.3, pp.538-546, 2009 (Journal Indexed in SCI)
- LIX. **Effects of Zinc on Intestinal Injury and Some Serum Parameters in Ethanol-Administered Rats**
Arda-Pirincci P., Bilgin-Sokmen B., Yanardag R., Bolkent S.
BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY, vol.73, no.2, pp.260-267, 2009 (Journal Indexed in SCI)
- LX. **Synthesis, characterization and antidiabetic properties of N-1-2,4-dihydroxybenzylidene-N-4-2-hydroxybenzylidene-S-methyl-thiosemicarbazidato-oxovanadium(IV)**
Yanardag R., Demirci T. B. , Ulkuseven B., Bolkent S., Tunali S., Bolkent S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.2, pp.818-826, 2009 (Journal Indexed in SCI)
- LXI. **IMMUNOHISTOCHEMICAL AND BIOCHEMICAL EFFECTS ON PANCREAS OF COMBINED TREATMENT WITH ANTIOXIDANT IN STZ-DIABETIC MICE**
Bolkent S., Karatug A.
ANNALS OF NUTRITION AND METABOLISM, vol.55, pp.279, 2009 (Journal Indexed in SCI)
- LXII. **Combination of selenium and three naturally occurring antioxidants administration protects D-galactosamine-induced liver injury in rats**
Catal T., Bolkent S.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.122, no.2, pp.127-136, 2008 (Journal Indexed in SCI)
- LXIII. **Effects of vitamin E, vitamin C, and selenium on gastric fundus in cadmium toxicity in male rats.**
Bolkent S., Saçan Ö., Yanardağ R., BÖLKENT Ş.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.27, no.2, pp.217-22, 2008 (Journal Indexed in SCI Expanded)
- LXIV. **Effects of Z-FA.FMK on D-galactosamine/tumor necrosis factor-alpha-induced kidney injury and oxidative stress in mice Effects of Z-FA.FMK on TNF-a-mediated kidney injury**
Gezginci-Oktayoğlu S., Tunali S., Yanardağ R., BÖLKENT Ş.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.309, pp.9-20, 2008 (Journal Indexed in SCI)
- LXV. **Cholesterol efflux and the effect of combined treatment with niacin and chromium on aorta of hyperlipidemic rat.**
Castillo S. S. , Doger M. M. , Bolkent Ş., Yanardag R.
Molecular and cellular biochemistry, vol.308, pp.151-9, 2008 (Journal Indexed in SCI Expanded)
- LXVI. **The Role of Vitamin C, Vitamin E, and Selenium on Cadmium-Induced Renal Toxicity of Rats**
Karabulut-Bulan O., Bolkent S., Yanardag R., Bilgin-Sokmen B.
DRUG AND CHEMICAL TOXICOLOGY, vol.31, no.4, pp.413-426, 2008 (Journal Indexed in SCI)
- LXVII. **Combined treatment with niacin and chromium caused a protective effect on the small-intestine tissue of hyperlipidemic rats**
Oztay F., Yanardag R., Bolkent Ş., Doger M. M. , Bilen-Gungor Z.
Medicinal Chemistry Research, vol.16, pp.280-291, 2007 (Journal Indexed in SCI Expanded)
- LXVIII. **Exposure of Dunaliella tertiolecta to lead and aluminum: Toxicity and effects on ultrastructure**
Türker Sacan M., Oztay F., Bolkent S.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.120, pp.264-272, 2007 (Journal Indexed in SCI)
- LXIX. **Vanadyl sulfate protects against streptozotocin-induced morphological and biochemical changes in rat aorta**
Akgun-Dar K., Bolkent S., Yanardag R., Tunali S.
CELL BIOCHEMISTRY AND FUNCTION, vol.25, no.6, pp.603-609, 2007 (Journal Indexed in SCI)
- LXX. **Oxidative stress and histological changes in the in the kidney following oral methiocarb administrations in rats: Role of vitamin E and taurine**
Ozden S., Gezginci S., Catalgol B. K. , Bolkent S., Alpertunga B.
TOXICOLOGY LETTERS, vol.172, 2007 (Journal Indexed in SCI)
- LXXI. **Effects of parsley (Petroselinum crispum) extract and glibornuride on the kidney of streptozotocin-induced diabetic rats**
Koyuturk M., Ozsoy-Sacan O., Yanardag R., Bolkent S.

- ASIAN JOURNAL OF CHEMISTRY, vol.19, no.5, pp.3894-3902, 2007 (Journal Indexed in SCI)
- LXXII. **The potential role of combined anti-oxidants against cadmium toxicity on liver of rats**
Koyuturk M., Yanardag R., Bolkent S., Tunali S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.23, no.7, pp.393-401, 2007 (Journal Indexed in SCI)
- LXXIII. **The effect of Z-FA.FMK on D-galactosamine/TNF-alpha-induced liver injury in mice**
Gezginci S., Bolkent S.
CELL BIOCHEMISTRY AND FUNCTION, vol.25, no.3, pp.277-286, 2007 (Journal Indexed in SCI)
- LXXIV. **The effects of combined treatment with niacin and chromium on the renal tissues of hyperlipidemic rats**
Inceli M. S. , Bolkent S., Doger M. M. , Yanardag R.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.294, pp.37-44, 2007 (Journal Indexed in SCI)
- LXXV. **Combined effects of vitamin C, vitamin E, and sodium selenate supplementation on absolute ethanol-induced injury in various organs of rats**
Yanardag R., Ozsoy-Sacan O., Ozdil S., Bolkent S.
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.26, no.6, pp.513-523, 2007 (Journal Indexed in SCI)
- LXXVI. **Protective effects of selenium, vitamin C and E combination on cadmium-induced toxicity in various tissues of rats**
Sacan O., Yanardag R., Bolkent S., Bilgin-Sokmen B., Tunali S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, no.7, pp.839-845, 2007 (Journal Indexed in SCI)
- LXXVII. **The effects of combined alpha-tocopherol, ascorbic acid, and selenium against cadmium toxicity in rat intestine.**
BOLKENT Ş., KOYUTÜRK M., KARABULUT-BULAN O., TUNALI S., Yanardağ R., OĞUZ TABAKOĞLU A.
JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol.26, pp.21-27, 2007 (Journal Indexed in SCI Expanded)
- LXXVIII. **The role of zinc sulfate and metallothionein in protection against ethanol-induced gastric damage in rats**
Arda-Pirincci P., Bolkent S., Yanardag R.
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.12, pp.2353-2360, 2006 (Journal Indexed in SCI)
- LXXIX. **Influence of zinc sulfate intake on acute ethanol-induced liver injury in rats**
Bolkent S., Arda-Pirinççi P., Bolkent S., Yanardag R., Tunali S., Yildirim S.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.12, no.27, pp.4345-4351, 2006 (Journal Indexed in SCI)
- LXXX. **The effect of zinc supplementation on ghrelin-immunoreactive cells and lipid parameters in gastrointestinal tissue of streptozotocin-induced female diabetic rats**
Bolkent S., Yanardag R., Bolkent S., Mutlu O., Yildirim S., Kangawa K., Minegishi Y., Suzuki H.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.286, pp.77-85, 2006 (Journal Indexed in SCI)
- LXXXI. **Influence of combined antioxidants against cadmium induced testicular damage**
Koyuturk M., Yanardag R., Bolkent S., Tunali S.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.21, no.3, pp.235-240, 2006 (Journal Indexed in SCI)
- LXXXII. **Alterations in somatostatin cells and biochemical parameters following zinc supplementation in gastrointestinal tissue of streptozotocin-induced diabetic rats**
Bolkent S., Bolkent S., Yanardag R., Mutlu O., Yildirim S.
ACTA HISTOCHEMICA ET CYTOCHEMICA, vol.39, no.1, pp.9-15, 2006 (Journal Indexed in SCI)
- LXXXIII. **Protective effect of vanadyl sulfate on the pancreas of streptozotocin-induced diabetic rats**
Bolkent S., Bolkent S., Yanardag R., Tunali S.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.70, no.2, pp.103-109, 2005 (Journal Indexed in SCI)
- LXXXIV. **Protective role of Melissa officinalis L. extract on liver of hyperlipidemic rats: A morphological and biochemical study**
Bolkent S., Yanardag R., Karabulut-Bulan O., Yesilyaprak B.
JOURNAL OF ETHNOPHARMACOLOGY, vol.99, no.3, pp.391-398, 2005 (Journal Indexed in SCI)
- LXXXV. **Effects of vanadyl sulfate on liver of streptozotocin-induced diabetic rats**
Koyuturk M., Tunali S., Bolkent S., Yanardag R.

- BIOLOGICAL TRACE ELEMENT RESEARCH, vol.104, no.3, pp.233-247, 2005 (Journal Indexed in SCI)
- LXXXVI. **Protective effects of metformin treatment on the liver injury of streptozotocin-diabetic rats**
Yanardag R., Ozsoy-Sacan O., Bolkent S., Orak H., Karabulut-Bulan O.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.24, no.3, pp.129-135, 2005 (Journal Indexed in SCI)
- LXXXVII. **Effect of glurenorm on immunohistochemical changes in pancreatic beta cells of rats in experimental diabetes.**
koyutürk m., ozsoy-sacan O., BOLKENT Ş., yanardag r.
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.43, no.3, pp.268-71, 2005 (Journal Indexed in SCI Expanded)
- LXXXVIII. **Beneficial effects of combined treatment with niacin and chromium on the liver of hyperlipemic rats**
Bolkent S., Yanardag R., Bolkent S., Doger M. M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.101, no.3, pp.219-229, 2004 (Journal Indexed in SCI)
- LXXXIX. **Effects of parsley (*Petroselinum crispum*) on the liver of diabetic rats: a morphological and biochemical study**
Bolkent S., Yanardag R., Ozsoy-Sacan O., Karabulut-Bulan O.
PHYTOTHERAPY RESEARCH, vol.18, no.12, pp.996-999, 2004 (Journal Indexed in SCI)
- XC. **Effects of chard (*Beta vulgaris* L. var *cicla*) on the liver of the diabetic rats: A morphological and biochemical study**
Ozsoy-Sacan O., Karabulut-Bulan O., Bolkent S., Yanardag R., Ozgey Y.
BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY, vol.68, no.8, pp.1640-1648, 2004 (Journal Indexed in SCI)
- XCI. **The protective effect of vitamin C, vitamin E and selenium combination therapy on ethanol-induced duodenal mucosal injury**
KOYUTURK M., BOLKENT S., OZDIL S., ARBAK S., Yanardag R.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.23, no.8, pp.391-398, 2004 (Journal Indexed in SCI)
- XCII. **Protective effects of ascorbic acid, DL-alpha-tocopherol acetate, and sodium selenate on ethanol-induced gastric mucosal injury of rats**
Ozdil S., Yanardag R., Koyuturk M., Bolkent S., Arbak S.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.99, pp.173-189, 2004 (Journal Indexed in SCI)
- XCIII. **The morphological and biochemical effects of glibornuride on rat liver in experimental diabetes**
Bolkent S., Yanardag R., Karabulut-Bulan O., Ozsoy-Sacan O.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.23, no.5, pp.257-264, 2004 (Journal Indexed in SCI)
- XCIV. **Effect of aloe vera leaf gel and pulp extracts on the liver in type-II diabetic rat models**
Can A., Akev N., Ozsoy N., Bolkent S., Arda B. P. , Yanardag R., Okyar A.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.27, no.5, pp.694-698, 2004 (Journal Indexed in SCI)
- XCV. **Protective effects of ascorbic acid, dl-alpha-tocopherol acetate, and sodium selenate on ethanol-induced liver damage of rats.**
Ozdil S., Bolkent E., Yanardag R., Arda-Pirincci P.
Biological trace element research, vol.97, no.2, pp.149-62, 2004 (Journal Indexed in SCI Expanded)
- XCVI. **Effect of Aloe vera (L.) Burm.fil. leaf gel and pulp extracts on the kidney in type-II diabetic rat models: A histological and biochemical study**
BOLKENT Ş., AKEV N., ÖZSOY N., Şengezer-İnceli M., CAN A., OKYAR A., YANARDAĞ R.
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.42, pp.48-52, 2004 (Journal Indexed in SCI Expanded)
- XCVII. **Effects of vanadyl sulfate on kidney in experimental diabetes**
Yanardag R., Bolkent S., Karabulut-Bulan O., Tunali S.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.95, no.1, pp.73-85, 2003 (Journal Indexed in SCI)
- XCVIII. **Effects of *Petroselinum crispum* extract on pancreatic B cells and blood glucose of streptozotocin-induced diabetic rats**
Yanardag R., Bolkent S., Tabakoglu-Oguz A., Ozsoy-Sacan O.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.26, no.8, pp.1206-1210, 2003 (Journal Indexed in SCI)
- XCIX. **The effects of chard (*Beta vulgaris* L. var. *cicla*) extract on the kidney tissue, serum urea and creatinine levels of diabetic rats**
Yanardag R., Bolkent S., Ozsoy-Sacan O., Karabulut-Bulan O.

PHYTOTHERAPY RESEARCH, vol.16, no.8, pp.758-761, 2002 (Journal Indexed in SCI)

- C. **Effects of the ionophores valinomycin, ionomycin and gramicidin A on the element compartmentation in cultured rat hepatocytes**

Bolkent S., Zierold K.

TOXICOLOGY IN VITRO, vol.16, no.2, pp.159-165, 2002 (Journal Indexed in SCI)

- CI. **Protective effects of DL-alpha-tocopherol acetate and sodium selenate on the liver of rats exposed to gamma radiation**

Yanardag R., Bolkent S., Kizir A.

BIOLOGICAL TRACE ELEMENT RESEARCH, vol.83, no.3, pp.263-273, 2001 (Journal Indexed in SCI)

- CII. **Effects of chard (*Beta vulgaris* L. var. *cicla*) extract on pancreatic B cells in streptozotocin-diabetic rats: a morphological and biochemical study**

BOLKENT S., Yanardag R., TABAKOGLU-OGUZ A., OZSOY-SACAN O.

JOURNAL OF ETHNOPHARMACOLOGY, vol.73, pp.251-259, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The Effects of Ghrelin on Renal Complications in Newborn Diabetic Rats**

Karatuğ Kaçar A., Saçan Ö., Öziçli N., Bolkent Ş., Yanardağ R., Bolkent H. S.

European Journal of Biology, vol.79, no.1, pp.1-6, 2020 (National Refreed University Journal)

- II. **An antioxidant combination improves histopathological alterations and biochemical parameters in D-Galactosamine-induced hepatotoxicity in rats**

ÇATAL T., TUNALI S., BOLKENT Ş., YANARDAĞ R.

EUROPEAN JOURNAL OF BIOLOGY, vol.76, pp.14-9, 2017 (Refereed Journals of Other Institutions)

- III. **The influence of vitamin U supplementation on liver injury of amiodarone -administered rats**

Sancar Baş S., Türkyılmaz İ. B. , Bolkent Ş., Yanardağ R.

IUFS Journal of Biology, vol.75, pp.1-10, 2016 (National Refreed University Journal)

- IV. **Efficacy of antioxidant vitamins (vitamin C, vitamin E, beta carotene) and selenium supplement on D-galactosamine-induced lung injury**

Bayrak B. B. , Çatal T., Öztay F., Yanardağ R., Bolkent Ş.

IUFS Journal of Biology, vol.75, no.1, pp.11-18, 2016 (National Refreed University Journal)

- V. **Efficacy of antioxidant vitamins (vitamin C, vitaminE, beta-carotene) and selenium supplement onD-galactosamine-induced lung injury**

Bayrak B. B. , Çatal T., Öztay F., Yanardağ R., Bolkent Ş.

IUFS JOURNAL OF BIOLOGY, no.1, pp.11-18, 2016 (International Refereed University Journal)

- VI. **A matter of regeneration and repair: Caspases as the key molecules**

Bolkent Ş., Öztay F., Oktayoğlu S., Sancar Baş S., Karatuğ A.

TURKISH JOURNAL OF BIOLOGY, vol.39, no.1, pp.1-20, 2015 (National Refreed University Journal)

- VII. **Effects of taurine and vitamin E on lipid peroxidation, antioxidant system and histological changes in Wistar rat liver and kidney after short-term exposure of methiocarb.**

Özden S., BOLKENT Ş., GEZGİNCİ OKTAYOĞLU S., Arda Pirincci P., KARATUĞ A., ALPERTUNGA B.

Journal of Faculty of Pharmacy of Istanbul University, vol.42, no.2, pp.83-102, 2012 (International Refereed University Journal)

- VIII. **Cathepsin B inhibition by Z-FA.FMK blocks TNF- α /D-GalN-induced oxidative damage through increasing antioxidant defence in the brain of mice**

gezginci-oktayoglu s., turkyilmaz i. b. , yanardag r., BOLKENT Ş.

IUFS JOURNAL OF BIOLOGY, vol.71, no.2, pp.85-93, 2012 (National Refreed University Journal)

- IX. **Cathepsin B inhibition by Z-FA.FMK blocks TNF- α /D-GalN-induced oxidative damage through increasing antioxidant defence in the brain of mice**

Gezginci-Oktayoglu S., Turkyilmaz İ. B. , YANARDAĞ R., Bolkent S.

IUFS JOURNAL OF BIOLOGY, vol.71, no.2, pp.81-93, 2012 (National Refreed University Journal)

- X. **Effects of Glucagon-Like Peptide-2 on TNF-alpha/Actinomycin D-induced intestinal epithelial injury: A Scanning Electron Microscopic and immunohistochemical study**
Arda Pirinçci P., Turan P., Arbak S., BOLKENT Ş., Arda-Pirinççi P.
IUFS JOURNAL OF BIOLOGY, vol.70, no.1, 2011 (International Refereed University Journal)
- XI. **The Role of Insulin-Like Growth Factor-I and Polyamines in Developing Rat Small Intestine.**
KARABULUT-BULAN O., BOLKENT Ş.
IUFS J Biol, vol.70, no.2, pp.13-24, 2011 (International Refereed University Journal)
- XII. **Genetik Absans Epilepsili Sıçanların (GAERS) Hipokampusunda Glukoz-6-Fosfataz'ın Histokimyasal Olarak Dağılımı**
Erkanlı Şentürk G., Midillioğlu Ş., Bolkent Ş., Arbak S.
Acibadem Üniversitesi Sağlık Bilimleri Dergisi , vol.2, no.1, pp.26-30, 2011 (National Refreed University Journal)
- XIII. **The effect of vitamin B6 on the liver of diabetic rats: A morphological and biochemical study**
Bolkent S., Karatug A., Sacan O., YANARDAĞ R.
IUFS JOURNAL OF BIOLOGY, vol.67, no.1, pp.1-7, 2008 (National Refreed University Journal)
- XIV. **Immunohistochemical studies on the effect of Aloe vera on the pancreatic beta-cells in neonatal streptozotocin-induced type-II diabetic rats**
Bolkent Ş., Akev N., Can A., Bolkent H. S. , Yanardağ R., Okyar A.
Egyptian Journal of Biology, vol.7, pp.14-19, 2005 (Refereed Journals of Other Institutions)
- XV. **Sıçan tiroid bezinde kadmiyum hasarına karşı C vitamini, E vitamini ve selenyumun kombine kullanımının etkileri**
Karabulut-Bulan O., Koyuturk M., Bolkent S., YANARDAĞ R., Tabakoglu-Oguz A.
CERRAHPAŞA TIP DERGİSİ, vol.35, no.4, pp.174-180, 2004 (National Refreed University Journal)
- XVI. **Deneysel diabette karaciğer üzerine metforminin ultrastrüktürel etkileri**
Bolkent S., YANARDAĞ R., Karabulut-Bulan O., Ozsoy-Sacan O., SAÇAN Ö.
Morfoloji Dergisi, vol.8, no.2, pp.14-17, 2000 (National Refreed University Journal)
- XVII. **Deneysel Diyabette Sıçanların Pankreatik B Hücreleri Üzerine Vitamin C, Vitamin E ve Selenyumun Etkisi: İmmunohistokimyasal Çalışma**
BOLKENT Ş.
Morfoloji Dergisi, vol.8, no.1, pp.7-10, 2000 (National Refreed University Journal)
- XVIII. **The effects of pentachloronitrobenzene and pentachloronitrobenzene+vitamin E on the rat liver**
YANARDAĞ R., Bolkent S., Bulan O.
Chimica Acta Turcica, vol.26, pp.105-111, 1998 (National Refreed University Journal)
- XIX. **The effects of propanil and propanil+vitamin E on the liver of rat: morphological and biochemical study**
Bolkent S., YANARDAĞ R., Inceli M.
Chimica Acta Turcica, vol.26, pp.97-104, 1998 (National Refreed University Journal)
- XX. **Abdominal radyasyon öncesi verilen glutaminin karaciğer hasarı üzerine etkileri**
Bolkent S., YANARDAĞ R., Kizir A., Savcı N., Oguz N.
TURKISH JOURNAL OF BIOLOGY, vol.21, pp.29-35, 1997 (National Refreed University Journal)
- XXI. **The Effects of Glutamine Administered Before Abdominal Radiation on the Damage of Liver**
Bolkent Ş., Yanardağ R., Kizir A., Savcı N., Oğuz N.
Turkish Journal of Zoology, vol.21, no.1, pp.29-35, 1997 (Other Refereed National Journals)
- XXII. **The effects of coumarin on rat kidney**
Bolkent S., YANARDAĞ R.
Chimica Acta Turcica, vol.24, pp.233-237, 1996 (National Refreed University Journal)
- XXIII. **The effects of vitamin E on the hepatotoxicity of coumarin in rats**
Bolkent S., YANARDAĞ R.
Chimica Acta Turcica, vol.23, pp.199-204, 1995 (National Refreed University Journal)
- XXIV. **Abdominal radrasyon öncesi oral olarak verilen glutaminin ince barsak üzerinde koruyucu etkileri**
Kizir A., YANARDAĞ R., Bolkent S., Savcı N., Oguz N.
TÜRK ONKOLOJİ DERGİSİ, vol.10, pp.24-27, 1995 (National Refreed University Journal)

- XXV. **The Effects of Cyclophosphamide on the Thyroid Gland of Mice.**
Bolkent Ş., AKGÜN DAR K.
İstanbul Üniv. Fen Fak. Biyoloji Der, vol.57, pp.141-147, 1994 (National Refreed University Journal)
- XXVI. **The Effects of Cyclophosphamide on the Kidney Tissue of Swiss Black C 57**
BOLKENT Ş.
İstanbul Üniversitesi Fen fakültesi Biyoloji Dergisi Seri B, vol.57, pp.113-140, 1994 (National Refreed University Journal)
- XXVII. **The Effect of Cyclophosphamide on Ciliated Cells and Macrophages in the Pulmonary Tissue**
BOLKENT Ş.
Journal of Turkish Physiological Sciences, vol.1, pp.84-88, 1988 (Other Refereed National Journals)
- XXVIII. **The Effects of Cyclophosphamide on the Hepatic Tissues of Swiss black C 57 Mice**
BOLKENT Ş.
İstanbul Üniversitesi Fen Fakültesi Biyoloji Dergisi Seri B, vol.52, pp.1-11, 1987 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Aspartame Induces Cancer Stem Cell Enrichment Through P21, NICD And GLI1 In Human Pancreas Adenocarcinoma Cells**
Erçin M., Sancar S., Çelik E., Koyutürk M., Bolkent H. S. , Oktayoğlu S., Bolkent Ş.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, İstanbul, Turkey, 27 - 28 February 2021, pp.91-92
- II. **Metformin Induces Mitochondrial Remodeling and Differentiation of Pancreatic Progenitor Cells into Beta-Cells by Suppressing T1R3/PLCβ2/Ca+2/CAMKK2/LKB1/AKT Pathway**
Çelik E., Erçin M., Bolkent Ş., Oktayoğlu S.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, İstanbul, Turkey, 27 - 28 February 2021, pp.84-85
- III. **Glucotoxicity Causes Pancreatic Beta and Duct Cells to Mutually Suppress Each Other's Function via miR -335 Targeted Runx2 and Insulin-Mediated Mechanism**
Oktayoğlu S., Sancar S., Karatug Kaçar A., Bolkent Ş.
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, İstanbul, Turkey, 27 - 28 February 2021, pp.86-87
- IV. **Masking of 2,3 Cell Surface Sialic Acid Motifs with Maackia amurensis Lectin (MAL-II) in Human Anaplastic Thyroid Carcinoma Cells Inhibits Its Survival and Malignant Behavior**
KAPTAN E., SANCAR BAŞ S., SANCAKLI A., BEKTAŞ S., BOLKENT Ş.
1st INTERNATIONAL CONGRESS ON CANCER AND ION CHANNELS, Şanlıurfa, Turkey, 21 - 23 September 2017, pp.90
- V. **4-METHYLCATECOL INDUCES NECROTIC CELL DEATH BY JNK PATHWAY IN INSULINOMA INS-1 CELLS**
Karatug Kaçar A., Bolkent Ş.
VI. INTERNATIONAL CONGRESS OF MOLECULAR MEDICINE, İstanbul, Turkey, 22 - 25 May 2017, pp.267
- VI. **The effects of Atorvastatin on Renal Injury that occurs associated with Pulmonary Fibrosis**
KARATUĞ KAÇAR A., YILDIRIM M., BOLKENT Ş., Öztay F.
15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017, pp.451
- VII. **Therapeutic Role of alfa Lipoic Acid, Vitamin E and Selenium Combination in Liver of Diabetic Mice**
KARATUĞ KAÇAR A., ERTİK O., Çoşkun Z. M. , BOLKENT H. S. , YANARDAĞ R., BOLKENT Ş.
3 rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.78
- VIII. **Fluorescence microscopic detection of some terminal sugar moieties on the cell surface of human thyroid carcinoma cell lines**
SANCAR BAŞ S., KAPTAN E., SANCAKLI A., BOLKENT Ş.

6. Multidisipliner Kanser Araştırma Kongresi, Konya, Turkey, 27 - 30 October 2016, pp.133
- IX. **Effects of an Oxovanadium (IV) Complex with N2O2 Chelating Thiosemicarbazone on Small Intestine Injury of Diabetic Rats**
TUNALI S., OKTAYOĞLU S., BOLKENT Ş., ÇOSKUN E., BAL DEMİRCİ T., ÜLKÜSEVEN B., YANARDAĞ R.
6 th EuCheMS Chemistry Congress, Sevilla, Spain, 11 - 15 September 2016
- X. **The Role of a New Vanadium Complex on the Kidney of Streptozotocin Diabetic Rats**
SANCAR BAŞ S., TUNALI S., BAL DEMİRCİ T., ÜLKÜSEVEN B., YANARDAĞ R., BOLKENT Ş.
The 33 rd World Congress of Internal Medicine WCIM Bali 2016, Denpasar Bali, Indonesia, 22 - 25 August 2016, vol.PO 037, pp.463
- XI. **4 Metilkatekol Sıçan İnsülinoma hücrelerinde INS 1 hücre fonksiyon kaybına ve apoptotik hücre ölümüne neden olur**
KARATUĞ KAÇAR A., BOLKENT Ş.
5. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.8
- XII. **Runx2 is responsible for galectin3 overexpression in human thyroid carcinoma**
KAPTAN E., SANCAR BAŞ S., SANCAKLI A., GÜMÜŞHAN AKTAŞ H., BOLKENT Ş.
24th Biennial EARC Congress, Manchester, United Kingdom, 9 - 12 July 2016, vol.61, no.1, pp.87
- XIII. **Exendin-4 Attenuated Diabetes-Mediated Lung Injury in Mice**
BOLKENT Ş., ÖZTAY F., SANCAR BAŞ S., OKTAYOĞLU S.
XXVIII. World Congress World Association of Societies of Pathology and Laboratory Medicine (WASPALM): on the forefront of personalized medicine, Cancun, Mexico, 18 - 21 December 2015, pp.91
- XIV. **Edaravone Prevents Kidney Injury Induced By Valproic Acid**
YANARDAĞ R., BAYRAK B. B., BAŞ S. S., HACIHASANOĞLU ÇAKMAK N., BOLKENT Ş., SANCAR BAŞ S.
Waspalm 2015 pathology and Laboratory Medicine: on the forefront of Personalized Medicine, Cancun, Mexico, 18 - 21 November 2015, pp.44
- XV. **Vitronectin, fibronectin and epidermal growth factor induces proliferation via JNK and ERK pathway in insulinoma INS-1 cells**
KARATUĞ KAÇAR A., BOLKENT Ş.
The EMBO Meeting 2015, Birmingham, United Kingdom, 5 - 08 September 2015, pp.105
- XVI. **Hepatoprotective effect of Cotinus Coggryria Scop. Extract on ethanol-induced liver injury of rats**
SANCAR-BAS S., TUNALI S., OYAR-YILMAZ E., YANARDAĞ R., BOLKENT S.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.153-154
- XVII. **4-methylcatechol prevents hyperglycemia-induced inflammation and acute renal failure**
COSKUN E., GEZGİNCİ-OKTAYOĞLU S., BOLKENT S.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.153
- XVIII. **The curative effects of exendin-4 on renal oxidative damage, inflammation and fibrosis in diabetic mice**
GEZGİNCİ-OKTAYOĞLU S., SANCAR-BAS S., BOLKENT S.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.148
- XIX. **Exendin-4 impairs intestinal tissue damage through its proliferative and anti-fibrotic effects in diabetic rats**
ERCİN M., GEZGİNCİ-OKTAYOĞLU S., BOLKENT S.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.152-153
- XX. **The Anti-inflammatory and Anti-oxidant Effects of Galectin-1 on Dextran Sulfate Sodium-induced Liver Injury**
ARDA PİRİNÇİ P., SAÇAN Ö., AYKOL G., YANARDAĞ R., BOLKENT S.
15 th ISANH conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants, Paris, France, 22 - 24

June 2015, pp.94

- XXI. **Protective Effects of Selenium and Antioxidant Combination Against Liver Injury Induced by D-Galactosamine**
Catal T., Tunalı S., YANARDAĞ R., Bolkent S.
V. International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015, vol. PP-107, pp.155
- XXII. **Pretreatment of Chard (*Beta vulgaris* L. var. *cicla*) extract Decreases Liver Injury Induced by Antiarrhythmic Agent, Amiodarone**
Bolkent Ş., Türkyılmaz İ. B., Sancar Baş S., YANARDAĞ R.
III World Congress of Public Health Nutrition, Kanarya Adaları, Spain, 9 - 12 November 2014, vol. PM-116, pp.118
- XXIII. **Reversing effect of vitamin U on valproic acid-induced renal damage through its antioxidant, anti-inflammatory and anti-fibrotic properties**
Gezginci-Oktayoglu S., Türkyılmaz İ. B., Ercin M., Yanardag R., Bolkent S.
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.162
- XXIV. **Protective effects of vitamin U on amiodarone-induced liver injury of rats**
Sancar-Bas S., Türkyılmaz İ. B., Bolkent S., Yanardag R.
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.158
- XXV. **Comparison of Efficacy and Toxicity of Lipid Based and Polymeric Nano Drug Delivery Systems**
Bahadori F., Dağ A., Tekkeli Ş. E., Topçu G., Karatug Kaçar A., Önyüksel H., Bolkent Ş.
4th Annual International Conference on Advances in Biotechnology, Dubai, United Arab Emirates, 10 - 11 March 2014, pp.97-100
- XXVI. **Influence of exogenous ghrelin on the kidney of newborn STZ-diabetic rats**
Bolkent S., Saçan Ö., Bolkent S., KARATUĞ A., Turk N., YANARDAĞ R.
World Diabetes Congress, Melbourne, Australia, 2 - 06 December 2013, pp.1
- XXVII. **The effects of a oxovanadium(IV) complex based on thiosemicarbazone on skin injury of streptozotocin-induced diabetic rats**
YANARDAĞ R., Tunalı S., Bolkent S., Kaptan E., Bal Demirci T., Ülküseven B.
World Diabetes Congress 2013, Australia, 1 - 04 December 2013, pp.0-1985
- XXVIII. **Efficacy of Antioxidant Vitamins (Vitamin C, Vitamin E Beta-Carotene) and Selenium Supplement on D-Galactosamine-Induced Lung Injury in Rats**
BOLKENT Ş., BAYRAK B., OZTAY F., CATAL T., yanardag r.
Federation of European Biochemical Societies Congress (FEBS 2013), Russia, 1 - 04 July 2013
- XXIX. **Prostaglandin E(1) reduces renal ischemia/ reperfusion-induced gastric damage through its anti-inflammatory and anti-oxidative effects**
Gezginci-Oktayoglu S., Orhan N., Bolkent S.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.289
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Karatug A., Türkyılmaz İ. B., Bolkent S., Yanardag R.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.290
- XXXI. **4-Methylcatechol suppresses liver injury through blocking ROS production in the liver of hyperglycemic rats**
Sancar-Bas S., Gezginci-Oktayoglu S., Bolkent S.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.290
- XXXII. **The curative effect of a oxovanadium (IV) complex based on thiosemicarbazone on liver damage of streptozotocin-induced diabetic rats**
Yilmaz E. O., Tunalı S., Demirci T. B., Ülküseven B., Yanardag R., Bolkent S.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.290
- XXXIII. **The combination of Nerve Growth Factor (NGF) with valproic acid and Trichostatin A increases**

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Narin S., Bolkent S.

38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.418

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Kaptan E., Turkyilmaz I. B. , Bolkent S., Yanardag R.

38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.339-340

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Bolkent S., Bayrak B. B. , Oztay F., Catal T., Yanardag R.

38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.294

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Tunalı S., YANARDAĞ R., Bolkent S., Bal Demirci T., Ulkuseven B.

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Türkyılmaz İ. B. , YANARDAĞ R., Bolkent S., Kaptan E.

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First International Congress of the Molecular Biology Association of TURKEY, Turkey, 1 - 04 November 2012

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22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.145-146

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22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.443-444

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22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.164

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AKYUZ S., AKYUZ T., OBAKAN P., ARISAN E. D. , BOLKENT Ş., PALAVAN ÜNSAL N.

International Congress on Polyamines: Biological and Clinical Perspective, Turkey, 1 - 04 September 2012

XLIV. Epibrassinolide Targets Polyamine Catabolism and Triggers Apoptosis in LNCap, DU145 and PC3 Cell Lines

OBAKAN P., ARISAN E. D. , CALCABRINI A., AGOSTINELLİ E., BOLKENT Ş., PALAVAN ÜNSAL N.

International Congress on Polyamines: Biological and Clinical Perspective, Turkey, 1 - 04 September 2012

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- XLVII. **Chard (*Beta vulgaris* L. var. *cicla*) extracts and insulin improved diabetes-induced surfactant protein alterations and oxidative stress in rat lung**
Bolkent S., Oztay F., Sacan O., Kayalar O., İpci Y., Kabasakal L., Sener G., YANARDAĞ R.
International Symposium On Environmental Impacts Health Implications And Therapeutic Approaches, ISEHT, India, 1 - 04 July 2012, pp.168
- XLVIII. **Chard (*Beta vulgaris* L. var. *cicla*) extract ameliorates oxidative status in the kidney tissue of streptozotocin-induced diabetic rats**
BOLKENT Ş., SAÇAN Ö., İpci Y., KARATUĞ A., Kabasakal L., Şener G., YANARDAĞ R.
The 2nd Euro-Mediterranean Conference Plant Natural Products: From Biodiversity to Bioindustry, Alexandria, Egypt, Egypt, 1 - 04 December 2011
- XLIX. **Cholecystokinin somatostatin and apelin in duodenum of newborn diabetic rats given ghrelin**
Karatuğ Kaçar A., Coşkun Z. M., Bolkent Ş., Saçan Ö., Öziçli N., Yanardağ R., Bolkent H. S.
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Coşkun Z. M., Saçan Ö., Karatuğ Kaçar A., Bolkent Ş., Öziçli N., Yanardağ R., Bolkent H. S.
XII. National Medical Biology and Genetic Congress, Antalya, Turkey, 27 - 30 October 2011, pp.113-114
- LI. **Ekzojen ghrelinin karaciğerde obestatin ve apoptotik değişiklikler üzerine etkileri**
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XII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 1 - 04 October 2011
- LII. **Ghrelinin mide antioksidan enzimleri ve kolesistokinin, somatostatin, apelin mRNA üzerine etkileri**
Coşkun Z. M., Saçan Ö., Karatuğ A., Türk N., Bolkent Ş., YANARDAĞ R., Bolkent S.
XII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 1 - 04 October 2011, pp.113
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Karatuğ A., Coşkun Z. M., Bolkent Ş., Saçan Ö., Türk N., YANARDAĞ R., Bolkent S.
XII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Antalya, Turkey, 1 - 04 October 2011, pp.114
- LIV. **Effects of teduglutide on gastric mucosal architecture and oxidative stress in the TNF-Alpha/Actinomycin D-induced gastric injury**
Arda-Pirinççi P., TÜRKYILMAZ İ. B., YANARDAĞ R., BOLKENT Ş.
Turkish-FEPS Physiology Congress, Istanbul, 3-7 September 2011, PC259, İstanbul, Turkey, 1 - 04 September 2011
- LV. **24-Epibrassinolide Induces SSAT and Causes Caspase-Dependent Apoptosis In Different Prostate Cancer Cell Lines.**
OBAKAN P., ARISAN E. D., BOLKENT Ş., PALAVAN ÜNSAL N.
Biogenic Amines:Biochemical, Physiological and Clinical Perspectives, Italy, 1 - 04 September 2011
- LVI. **What is The Antioxidant Role of Exogenous Ghrelin Administration in Small Intestine of Type 2 Diabetic Rats**
Bolkent H. S., Karatuğ Kaçar A., Saçan Ö., Coşkun Z. M., Öziçli N., Yanardağ R., Bolkent Ş.
III International Conference of Oxidative Stress, Habana, Cuba, 27 - 29 January 2011, pp.17
- LVII. **Protective effects of antioxidants against indomethacin-induced small intestinal injury in rats**
YANARDAĞ R., Turkyilmaz I. B., Arda-Pirinççi P., Bolkent Ş.
III. International Conference of Oxidative Stress, Havana-Redox, Havana, Cuba, 27 - 29 January 2011, pp.1
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Bolkent S., Saçan Ö., Gezginci-Oktayoglu S., İpci Y., Kabasakal L., Sener G., YANARDAĞ R.
, III. International Conference of Oxidative Stress, Havana-Redox, Havana, Cuba, 27 - 29 January 2011, pp.1
- LIX. **The effects of chard (*Beta vulgaris* L. var. *cicla*) extract on the lung of diabetic rats**
Oztay F., Sacan O., Bolkent S., İpci Y., Kabasakal L., Şener G., YANARDAĞ R., TÜRKYILMAZ İ. B., BAYRAK B. B.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, Petra, Jordan, 3 - 04 November 2010, pp.1
- LX. **The effects of chard extract on antioxidant enzyme systems in the testies of diabetic rats**

Sacan O., Kaptan E., İpci Y., Kabasakal L., Şener G., YANARDAĞ R., Bolkent S.

The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, Petra, Jordan, 3 - 04 November 2010, pp.1

- LXI. **Effects of chard (*Beta vulgaris* L. var. *cicla*) and insulin on the stomach of Stz- diabetic rats**
Bolkent S., Saçan Ö., Bolkent S., İpci Y., Kabasakal L., Şener G., YANARDAĞ R.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, Petra, Jordan, 3 - 04 November 2010, pp.1
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BOLKENT Ş., Bolkent S., Saçan Ö., İpci Y., Kabasakal L., Şener G., Yanardağ R.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, Jordan, 1 - 04 November 2010
- LXIII. **Exendin 4 Has Antiproliferative Effect on Hepatocytes of Diabetic Mice**
Bolkent Ş., Oktayoğlu S., Karatug Kaçar A.
IMC 17 International Microscopy Congress, Rio-De-Janeiro, Brazil, 19 - 24 September 2010, pp.1
- LXIV. **The Influence of Ghrelin Supplementation in Stomach of Neonatal Diabetic Rats A Biochemical and Immunohistochemical Study**
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IMC 17 International Microscopy Congress, Rio-De-Janeiro, Brazil, 19 - 24 September 2010, pp.1
- LXV. **Effect of *Smilax excelsa* L. leaf extract on liver injury in rats**
ÖZSOY N., ARDA_PİRİNÇÇİ P., OKYAR A., BOLKENT Ş., AKEV N., Baktır G., CAN A., Arda-Pirinççi P.
The 17th IFSM International Microscopy Congress (IMC 17), Brazil, 1 - 04 September 2010, pp.0-24
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YILMAZ ÖZDEN T., CAN A., SANCAR BAŞ S., PALA KARA Z., OKYAR A., BOLKENT Ş.
IMC17, The 17th IFSM International Microscopy Congress, Brazil, 1 - 04 September 2010, pp.0-25
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YANARDAĞ R., Arda Pirinççi P., Öztay F., Bayrak B. B. , Bolkent Ş., Arda-Pirinççi P.
17th International Microscopy Congress, Brunei, 1 - 04 September 2010, pp.7-19
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20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.116-117
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Abstract Book of 3rd International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels, Isparta, Turkey, 22 - 27 June 2010, pp.58
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Dünya Hücre Ölümü Kongresi, “Multidisciplinary Approaches in Cell Death Research From Yeast to Man” , Turkey, 1 - 04 May 2010
- LXXII. **Immunohistochemical and Biochemical Effects on Pancreas of Combined Treatment with Antioxidant in STZ Diabetic Mice**
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19th International Congress of Nutrition, Bangkok, Thailand, 4 - 09 October 2009, pp.241
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- Tunali S., Bal Demirci T., Ülküseven B., Kaptan E., Bolkent Ş., YANARDAĞ R.
42nd IUPAC Congress, United Kingdom, 1 - 04 August 2009, pp.26
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42nd IUPAC Congress, United Kingdom, 1 - 04 August 2009, pp.10
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34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.186
- LXXIX. **The antioxidant effect of EGF in protection against intestinal injury induced by ischemia/reperfusion in rats**
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34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.186-187
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OBAKAN P., ARISAN E. D., BOKKENT Ş., PALAVAN ÜNSAL N.
Gordon Research Conferences on Polyamines.Polyamine Genetics, Metabolism, Cellular Homeostasis and Drug Discovery, United States Of America, 1 - 04 June 2009
- LXXXIII. **Sıçanlarda ince bağırsak iskemisi reperfüzyon sonrası oluşan karaciğer hasarında epidermal büyüme faktörü'nün koruyucu rolü: Biyokimyasal bir çalışma**
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XIII International Congress of Histochemistry and Cytochemistry, Poland, 1 - 04 August 2008

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XIII International Congress of Histochemistry and Cytochemistry, Poland, 1 - 04 August 2008, vol.46, pp.41

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BOLKENT Ş., KOYUTÜRK M., BULAN ., Yanardağ R., TUNALI S., OĞUZ TABAKOĞLU A.

12th International Congress of Histochemistry and Cytochemistry, San Diego, United States Of America, vol.52, no.1, pp.35

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Özden S., GEZGİNCİ OKTAYOĞLU S., Catalgol Karademir B., BOLKENT Ş., ALPERTUNGA B.

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- C. **Combined effects of beta-carotene, vitamin C, vitamin E, and selenium on galactosamine-induced lung damage of rats**
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XI. International Congress of Toxicology, Canada, 1 - 04 July 2007
- CII. **Effects of vitamin C, vitamin E, and selenium on gastric fundus in cadmium toxicity**
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YANARDAĞ R., Bolkent S., Bal T., Tunalı S., Bolkent Ş., Ülküseven B.
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- CV. **The influence of zinc supplementation on somatostatin and insulin in pancreas: a biochemical and immunohistochemical study**
Bolkent S., YANARDAĞ R., Bolkent Ş., Mutlu Ö.
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- CVIII. **Z-FA.FMK'nın D-Galaktozamin/Tümör Nekroz Faktör-Alfa ile Oluşturulan Karaciğer Hasarı Üzerindeki Koruyucu Etkileri.**
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18. Ulusal Biyoloji Kongresi, Aydın, Turkey, 1 - 04 June 2006, pp.41
- CIX. **The role of prostaglandin E (1) on acute ischemia reperfusion-induced renal failure in rats**
Orhan N., Bolkent S.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.184
- CX. **The Inverse Effect of Cathepsin B on TNF- á Mediated Hepatocyte Apoptosis and Proliferation**
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2nd Training Course on Concepts and Methods of Programmed Cell Death & 13th Euroconference on Apoptosis, Hungary, 1 - 04 October 2005
- CXI. **The Role of Ascorbic Acid, Beta-Caroten, á-Tocopherol, and Selenium on D-Galactosamine-Induced Liver Injury of Rats**
BOLKENT Ş., Çatal T.
2nd Training Course on Concepts and Methods of Programmed Cell Death & 13th Euroconference on Apoptosis, Hungary, 1 - 04 September 2005
- CXII. **Alterations in somatostatin cells and biochemical parameters following zinc supplementation in gastrointestinal tissue of streptozotocin-induced diabetic rats.**

- Bolkent S., Bolkent S., YANARDAĞ R., Mutlu Ö., Yıldırım S.
40th IUPAC Congress, Beijing, China, 14 - 19 August 2005, pp.240
- CXIII. Protective effects of zinc sulfate on ethanol-induced acute intestinal damage in rats**
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40th IUPAC Congress, China, 1 - 04 August 2005, pp.238
- CXIV. The role of prostaglandin E(1) on liver injury induced by acute renal ischemia reperfusion in rats**
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- CXV. The role of Z-FA.FMK on D-galactosamine/tumor necrosis factor-alpha-induced renal injury in mice**
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- CXVIII. Sıçanlarda etanol ile oluşturulan akut karaciğer hasarında çinko sülfatın koruyucu etkileri: ultrastrüktürel ve biyokimyasal çalışma**
Arda Pirinççi P., Bolkent S., Bolkent Ş., YANARDAĞ R., Tunali S., Yıldırım Ş., Arda-Pirinççi P.
17 Ulusal Elektron Mikroskopi Kongresi, Kocaeli, Turkey, 1 - 04 June 2005
- CXIX. Kadmiyum klorür uygulanan sıçanların deri dokuları üzerine vitamin C, vitamin E ve selenyumun koruyucu etkileri**
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XVIII Ulusal Kimya Kongresi, Kars, Turkey, 1 - 04 July 2004, pp.506
- CXX. Sıçanlarda kadmiyum ile oluşan böbrek toksisitesine karşı vitamin C, vitamin E ve selenyumun etkileri**
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XVIII Ulusal Kimya Kongresi, Kars, Turkey, 1 - 04 July 2004, pp.464
- CXXI. Protective effects of zinc sulphate against acute ethanol toxicity on liver of rats**
Bolkent S., Arda-Pirincci P., Bolkent S., Yanardag R., Tunali S.
12th International Congress of Histochemistry and Cytochemistry, California, United States Of America, 24 - 29 July 2004, vol.52
- CXXII. Deneysel diabette Aloe vera'nın pankreas dokusu üzerine etkisi**
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XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 1 - 04 July 2004, pp.513
- CXXIII. The effects of vitamin C, vitamin E and selenium against cadmium toxicity on liver of rats**
Yanardag R., Koyuturk M., Bolkent S., Tunali S.
12th International Congress of Histochemistry and Cytochemistry, California, United States Of America, 24 - 29 July 2004, vol.52
- CXXIV. The effects of vitamin C, vitamin E and selenium against cadmium toxicity on intestine of rats**
Bolkent S., Koyuturk M., Bulan O., Yanardag R., Tunali S., Oguz A.
12th International Congress of Histochemistry and Cytochemistry, California, United States Of America, 24 - 29 July 2004, vol.52
- CXXV. Sıçanlarda deneysel olarak oluşturulan gastrik mukoza hasarı üzerine çinkonun koruyucu etkileri**
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VII Ulusal Histoloji ve Embriyoloji Kongresi, Mersin, Turkey, 18 - 24 May 2004, pp.75
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- Bilgin Sokmen B., Arda Piriñçi P., Bolkent Ş., Yanardağ R.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.308
- CXXVII. **Abdominal radyasyon öncesi verilen E vitamini ve selenyumun ince barsak hasarı üzerindeki koruyucu etkileri**
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Uluslararası Katılımlı 16 ulusal Mikroskopi Kongresi, İzmir, Turkey, 2 - 05 September 2003, pp.131
- CXXVIII. **Hiperlipidemik sıçanların ince bağırsak dokusu üzerine krom ve niyasinin koruyucu etkileri**
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Uluslararası Katılımlı 16 Ulusal Mikroskopi Kongresi, İzmir, Turkey, 2 - 05 September 2003, pp.157
- CXXIX. **The effects of parsley (*Petroselinum crispum*) on the kidney in experimental diabetes: A histological and biochemical study.**
Bolkent S., Bolkent-Koyutürk M., Ozsoy-Sacan O., YANARDAĞ R., SAÇAN Ö.
3rd International Symposium on Natural Drugs Proceedings, Italy, 1 - 04 September 2003, pp.194
- CXXX. **Streptozotosin ile diyabet oluşturulan sıçanların karaciğerinde vanadyum-sülfatın koruyucu etkileri**
Koyutürk M., Yanardağ R., Bolkent Ş., Tunalı S.
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- CXXXI. **Etanolla oluşturulan gastrik mukozal hasarda serum sialik asid düzeyleri üzerine vitamin C, vitamin E ve selenyumun etkileri**
Bolkent Ş., Özdil S., YANARDAĞ R., Koyutürk M., Arbak S.
Temel ve Uygulamalı Alanlarda Uluslar arası Katılımlı 1 Ulusal Glikobiyoloji Kongresi, İzmir, Turkey, 1 - 04 May 2003, pp.70
- CXXXII. **Kadmiyum uygulanan sıçanlarda vitamin C, vitamin E ve selenyumun kalp dokusu ve serum sialik asit düzeyleri üzerine etkileri**
YANARDAĞ R., Bilgin Sökmen B., Bolkent Ş.
Temel ve Uygulamalı Alanlarda Uluslar arası Katılımlı 1 Ulusal Glikobiyoloji Kongresi, İzmir, Turkey, 1 - 04 May 2003, pp.69
- CXXXIII. **Sıçanlarda Etanol ile Oluşturulan Karaciğer ve İnce Bağırsak Hasarında Vitamin C, Vitamin E ve Selenyum'un Koruyucu Rolü**
BOLKENT Ş., Özsoy-Saçan Ö., Yanardağ R., OZDIL S.
Serbest Radikaller ve Antioksidanlar Araştırma Derneği III. Ulusal Kongresi, Afyon, Turkey, 1 - 04 March 2003, pp.70
- CXXXIV. **Sıçanlarda gastrik mukozal hasar üzerine vitamin C, vitamin E ve selenyumun koruyucu etkisi**
Bolkent S., Arbak S., Ozdil S., YANARDAĞ R.
VI. Ulusal Histoloji ve Embriyoloji Kongresi, İstanbul, Turkey, 12 - 15 September 2002, pp.164
- CXXXV. **Oğul otu (*Melissa officinalis*) ekstraktının hiperlipidemili sıçanların karaciğer lipid peroksidasyonu ve glutatyon düzeyleri üzerine etkileri**
YANARDAĞ R., Bolkent Ş., Yeşilyaprak B., Karabulut Bulan Ö., KARABULUT-BULAN Ö.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.426
- CXXXVI. **The antioxidant effects of vitamin C, vitamin E and selenium on ethanol-induced liver damage of rats.**
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15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXXXVII. **The protective effects of combination of vitamin C, vitamin E and selenium on small intestine of ethanol-induced rats**
Bolkent Ş., Arbak S., Özdil S., YANARDAĞ R.
15th International Congress on Electron Microscopy Proceedings, 1-6 September 2002, South Africa, 1 - 04 September 2002
- CXXXVIII. **The effect of vanadyl sulphate on kidney in experimental diabetes.**
YANARDAĞ R., Bolkent Ş., Tunalı S., Karabulut-Bulan Ö., BULAN N. Ö.
15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXXXIX. **Protective effects of vanadyl sulphate on the liver of streptozotocin-induced diabetic rats.**
Bolkent-Koyutürk M., YANARDAĞ R., Bolkent Ş., Tunalı S.

- 15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXL. **Beneficial effects of combined treatment with niacin and chromium on the liver of hyperlipidaemic rats**
Bolkent S., YANARDAĞ R., Bolkent Ş., Döğler M. M.
- 15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXLI. **The Effect of Combined Treatment with Niacin and Chromium on the Kidney Tissues of Hyperlipidaemic Rats**
BOLKENT Ş., Sengezer İnceli M., DOĞER M., Yanardağ R.
- 15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXLII. **The effects of glurenorm on the liver of the diabetic rats**
Oğuz-Tabakoğlu A., Bolkent Ş., Özsoy-Saçan Ö., YANARDAĞ R., SAÇAN Ö.
- 15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXLIII. **Akut gastrik lezyon oluşturulan sıçanlarda serum çinko düzeyleri**
BOLKENT Ş., Arda P., Özsoy Saçan Ö., Yanardağ R., SÖZGEN BAŞKAN K., TÜTEM E., SAÇAN Ö.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 1 - 04 September 2002, pp.376
- CXLIV. **Short-Term Exposure of Dunaliella tertiolecta to Lead : Effects on Ultrastructure**
BOLKENT Ş., Oğuz Tabakoğlu A., Türker Saçan M.
- 15th International Congress on Electron Microscopy, South Africa, 1 - 04 September 2002
- CXLV. **Protective effect of vanadyl sulphate on the pancreas of streptozotocin-induced diabetic rats**
Bolkent Ş., Tunali S., YANARDAĞ R., Bolkent S.
European Journal of Anatomy, Spain, 1 - 04 June 2002, pp.23
- CXLVI. **The effect of Aloe vera (L.) Burm. fil. leaf gel and pulp extracts on the kidney in type-II diabetic rat models: A histological and biochemical study**
BOLKENT Ş., AKEV N., ÖZSOY N., İNCELİ M., CAN A., OKYAR A., YANARDAĞ R.
VI th Plant Life of Southwest Asia Symposium, Yüzüncü Yıl University, VAN, Turkey, 1 - 04 June 2002, pp.48
- CXLVII. **The effect of Melissa officinalis on the kidney of hyperlipidemic rats**
YANARDAĞ R., Yeşilyaprak B., Bolkent Ş.
VIth Plant Life of Southwest Asia Symposium, Turkey, 1 - 04 June 2002, pp.132
- CXLVIII. **Protective Effects of DL-a-Tocopherol Acetate and Sodium Selenate on the Liver of Rats Exposed to Gamma Radiation**
BOLKENT Ş., Kizir A., Yanardağ R.
10th Scientific Conference Elektron Microscopy Society, Malaysia, 1 - 04 November 2001
- CXLIX. **The effects of Melissa officinalis on liver of hyperlipidaemic rats: A morphological and biochemical study.**
Bolkent S., YANARDAĞ R., Karabulut-Bulan O., BULAN N. Ö.
Proceedings 10th Scientific Conference Electron Microscopy Society of Malaysia, Malaysia, 1 - 04 October 2001, pp.219-223
- CL. **Pazı (Beta vulgaris var cicla) ekstraktının diabetik sıçanların böbrek dokusu, serum üre ve kreatinin düzeyleri üzerine etkileri**
YANARDAĞ R., Bolkent S., Saçan Ö., Karabulut-Bulan Ö.
XIII. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Turkey, 20 - 22 September 2000, pp.15
- CLI. **Deneysel diabette karaciğer üzerine metforminin etkileri**
YANARDAĞ R., Karabulut-Bulan O., Bolkent Ş., Saçan Ö.
26. Ulusal Fizyoloji Kongresi, Eskişehir, Turkey, 4 - 08 September 2000, pp.1
- CLII. **Oğul Otu'nun (Melissa officinalis) Hiperlipidemili Sıçanların Karaciğeri Üzerine Etkileri.**
BOLKENT Ş., Karabulut-Bulan Ö., Yanardağ R.
XIII. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Turkey, 1 - 04 September 2000, pp.70
- CLIII. **Ultrastructural effects of metformin on pancreatic B cells of streptozotocin-induced diabetic rats.**
Bolkent S., Oğuz Tabakoğlu A., YANARDAĞ R., Ozsoy-Sacan O., SAÇAN Ö.
12th European Congress on Electron Microscopy, Czech Republic, 1 - 04 June 2000, vol.1
- CLIV. **The effects of glibornuride on ultrastructural changes of liver in streptozotocin diabetes**

Bolkent S., YANARDAĞ R., Özsoy-Sacan O., Karabulut-Bulan O., SAÇAN Ö.

12th European Congress on Electron Microscopy, Czech Republic, 1 - 04 June 2000, vol.1

- CLV. **Diyabetli sıçanların karaciğeri üzerine pazı (Beta vulgaris L. var. cicla)'nın etkileri: Işık ve elektron mikroskopik bir çalışma**
Bolkent Ş., YANARDAĞ R., Bulan Ö., Saçan Ö.
14. Ulusal Elektron Mikroskopi Kongresi, Bursa, Turkey, 29 September - 02 October 1999, pp.1
- CLVI. **Maydanoz (Petroselinum crispum)'un diyabetik sıçanların karaciğeri üzerine etkileri: morfolojik ve biokimyasal çalışma**
YANARDAĞ R., Bolkent S., Saçan Ö., Karabulut-Bulan Ö.
Türk Fizyolojik Bilimler Derneği, 25. Ulusal Fizyoloji Kongresi, Elazığ, Turkey, 6 - 10 September 1999, pp.191
- CLVII. **Diyabetik sıçanların pankreas B hücreleri üzerine glibornurid'in etkileri**
Bolkent S., Tabakoglu-Oguz A., YANARDAĞ R., Saçan Ö.
Türk Fizyolojik Bilimler Derneği, 25. Ulusal Fizyoloji Kongresi, Elazığ, Turkey, 6 - 10 September 1999, pp.1
- CLVIII. **Diabetli sıçanların karaciğeri üzerine pazı (Beta vulgaris L. var cicla) nın etkileri. Işık ve elektron mikroskopik bir çalışma 40, Bursa, 1999.**
BOLKENT Ş., Yanardağ R., BULAN ., ÖZSOY-SAÇAN Ö.
14. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı, Bursa, Turkey, 1 - 04 September 1999, pp.40
- CLIX. **Effects of Ionophoric Antibiotics on Electrolyte Compartmentation in Cultured Rat Hepatocytes**
BOLKENT Ş., Zierold .
29. Tagung der Deutschen Gesellschaft für Elektronenmikroskopie, Germany, 1 - 04 September 1999
- CLX. **The effect of chard (Beta vulgaris L. var. cicla) on the livers in the experimental diabetes.**
YANARDAĞ R., Bolkent Ş., Saçan Ö.
37th IUPAC Congress, Germany, 1 - 04 August 1999, pp.280
- CLXI. **The effects of Beta vulgaris L. var. cicla and Petroselinum crispum extracts on pancreatic B cells of streptozotocin-induced diabetic rats.**
Bolkent Ş., Oğuz-Tabakoğlu A., YANARDAĞ R., Özsoy Ö., SAÇAN Ö.
19th Conference of European Comparative Endocrinologists, University of Nijmegen, Department of Animal Physiology (Nijmegen 98), Netherlands, 1 - 04 September 1998, pp.7
- CLXII. **Deneysel diabette pazının pankreas B hücrelerine etkileri**
Bolkent S., YANARDAĞ R., Tabakoglu-Oguz A., Ozsoy O., SAÇAN Ö.
13. Ulusal Elektron Mikroskopi Kongresi, Ankara, Turkey, 1 - 04 September 1997, pp.297-300
- CLXIII. **Deneysel diabette metforminin kan glutatyon, serum transaminaz ve total protein miktarına etkileri**
YANARDAĞ R., bolkent Ş., Özsoy Ö., SAÇAN Ö.
Uluslar arası Obezite Sempozyumu ve 33. Ulusal Diabet Kongresi, Turkey, 1 - 04 May 1997, pp.53
- CLXIV. **Propanilin ve propanil+E vitamininin sıçan karaciğeri üzerine etkilerinin morfolojik ve biokimyasal olarak incelenmesi**
Bolkent Ş., YANARDAĞ R., Sengezer İnceli M.
Hayvan Fizyolojisi, Hayvan Morfolojisi, Anatomisi ve Sistematiği Seksiyonu, İstanbul, Turkey, 17 - 20 September 1996, pp.1
- CLXV. **Pentaklornitrobenzenin ve pentaklornitrobenzen+E vitamininin sıçan karaciğeri üzerine etkileri**
YANARDAĞ R., Bolkent S., Karabulut-Bulan Ö.
Hayvan Fizyolojisi, Hayvan Morfolojisi, Anatomisi ve Sistematiği Seksiyonu, İstanbul, Turkey, 17 - 20 September 1996, pp.1
- CLXVI. **Sıçanlarda abdominal radyasyon öncesi verilen E vitamini ve selenyumun karaciğer hasarı üzerine koruyucu etkileri**
Bolkent S., YANARDAĞ R., Kizir A.
3. Ulusal Histoloji ve Embriyoloji Kongresi, Eskişehir, Turkey, 3 - 07 September 1996, pp.1
- CLXVII. **Tiroksin Uygulanmış Sıçanlarda Tiroid Bezi Folikül Hücrelerinin Eksojen Tiroid Stimulan Hormona Cevabı**
BOLKENT Ş., Oğuz Tabakoğlu A., Murathanoğlu O.
XIII. Ulusal Biyoloji Kongresi, İstanbul, Turkey, 1 - 04 September 1996, pp.16

- CLXVIII. **Vitamin E ve selenyum'un abdominal radyasyona bađlı deđişikliklere etkileri**
YANARDAĐ R., Bolkent Ő., Kizir A.
XIII. Ulusal Biyokimya Kongresi, Antalya, Turkey, 26 - 30 March 1996, pp.1
- CLXIX. **Dark and Light Cells in the Thyroid Glands of Fetus and Newborn Rats**
BOLKENT Ő., Ođuz-Tabakođlu A., Murathanođlu O.
XII. Ulusal Elektron Mikroskopi Kongresi, Antalya, Turkey, 1 - 04 September 1995, pp.60-61
- CLXX. **Normal ve diabetik sıčanlarda B6 vitamininin etkileri**
Bolkent Ő., YANARDAĐ R., Özsoy O., SAÇAN Ö.
Türk Fizyolojik Bilimler Derneđi, 20. Ulusal Kongresi, İzmir, Turkey, 25 - 29 October 1994, pp.1
- CLXXI. **B6 vitamininin normal ve diabetik sıčanlarda serum total protein, total lipid ve kolesterol düzeylerine etkileri**
YANARDAĐ R., Bolkent Ő., Özsoy Ö., SAÇAN Ö.
Türk Fizyolojik Bilimler Derneđi 20 Ulusal Kongresi, İzmir, Turkey, 1 - 04 October 1994, pp.101
- CLXXII. **Karaciđer üzerine akut radyasyonun ve glutaminin etkileri**
Bolkent Ő., YANARDAĐ R., Kizir A., Savcı N. N. , Ođuz N.
Ulusal 3 Tıbbi Biyoloji Kongresi, Antalya, Turkey, 1 - 04 October 1994, pp.13
- CLXXIII. **Duodenumda akut radyasyon hasarına glutaminin koruyucu etkileri**
Kizir A., YANARDAĐ R., Bolkent Ő., Savcı N. N. , Ođuz N.
Ulusal 3 Tıbbi Biyoloji Kongresi, Antalya, Turkey, 1 - 04 October 1994, pp.12
- CLXXIV. **Tiroid Bezi Açık ve Koyu Folikül Hücrelerinin Tiroid Stimulan Hormon (TSH) Uyarısına Davranışları**
BOLKENT Ő., Ođuz-Tabakođlu A., Murathanođlu O.
XII. Ulusal Biyoloji Kongresi, Edirne, Turkey, 1 - 04 July 1994, pp.2
- CLXXV. **Kumarinin sıčan böbređi üzerine etkilerinin ışık ve elektron mikroskopik olarak incelenmesi**
Bolkent Ő., YANARDAĐ R.
XII Ulusal Biyoloji Kongresi, Edirne, Turkey, 1 - 04 July 1994, pp.7-12
- CLXXVI. **Effects of alcohol on the reproductive organs and the estrous cycle in the female rat**
UNAL E., BOLKENT S., OZTURK M., SATIROGLU G., YILMAZER S.
13th International Congress on Electron Microscopy, Paris, France, 17 - 22 July 1994, pp.1133-1134
- CLXXVII. **Sıčanlarda kumarin hepatotoksitesitesi ve E vitamininin etkisi**
Bolkent Ő., YANARDAĐ R.
Türk Fizyolojik Bilimler Derneđi 19 Ulusal Kongresi, Antalya, Turkey, 1 - 04 November 1993, pp.96-97
- CLXXVIII. **Kumarin ve kumarin+E vitamininin sıčan karaciđer morfolojisi üzerine etkileri**
Bolkent Ő., YANARDAĐ R.
XI Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 1 - 04 September 1993, pp.62-63
- CLXXIX. **Kadmiyumun Sıčan Tiroid Bezi Morfolojisi Üzerine Etkileri.**
BOLKENT Ő., Murathanođlu O., Ođuz-Tabakođlu A.
XI. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 1 - 04 September 1993, pp.107-109
- CLXXX. **Siklofosfamid'in fare tiroid bezi üzerine etkileri**
BOLKENT Ő., AKGÜN DAR K.
Türk Fizyolojik Bilimler Derneđi XV. Ulusal Kongresi, Bursa, Turkey, 10 - 12 November 1989
- CLXXXI. **Siklofosfamid'in Akciđer Dokusundaki Silli Hücreler ve Makrofajlar Üzerine Etkisi.**
BOLKENT Ő.
Türk Fizyolojik Bilimler Derneđi XIV. Ulusal Kongresi, Denizli, Turkey, 1 - 04 November 1988, pp.41
- CLXXXII. **Siklofosfamid'in Swiss Black C 57'nin Akciđer Dokusu Üzerine Etkisi.**
BOLKENT Ő., Özarslan S.
IX. Ulusal Biyoloji Kongresi, Sivas, Turkey, 1 - 04 September 1988, pp.2
- CLXXXIII. **Siklofosfamid'in Swiss Black C 57'nin Karaciđer Dokusu Üzerine Etkisi.**
BOLKENT Ő.
İstanbul Tıp Fakültesi 9. Ulusal Kongresi, İstanbul, Turkey, 1 - 04 September 1987, pp.102-113

Other Publications

- I. Prostaglandin E(1) reduces renal ischemia/ reperfusion-induced gastric damage through its anti-inflammatory and anti-oxidative effects**
Gezginci Oktayođlu S., ORHAN N., BOLKENT Ő.
Presentation, pp.289, 2013

Supported Projects

- SANCAR S., BOLKENT H. S. , ÖZDEN S., BOLKENT Ő., ERĀIN M., OKTAYOĐLU S., Project Supported by Higher Education Institutions, KANSER KÖK HÜCRELERİNDE EPİGENETİK DEĐİŐKİLİKLER YOLU İLE YENİDEN PROGRAMLANMA ÜZERİNE ROS'UN ETKİLERİNİN ARAŐTIRILMASI, 2015 - Continues
- KARATUĐ KAĀAR A., AYŐAN M. E. , BOLKENT Ő., ĀELİKTEN M., Project Supported by Higher Education Institutions, INS1 hücre soyu ile sıĀanlarda tümör modeli oluŐturulması ve karakterizasyonu, 2018 - 2021
- BOLKENT Ő., OKTAYOĐLU S., SANCAR BAŐ S., KARATUĐ KAĀAR A., Project Supported by Higher Education Institutions, İntrapancreatik Yađlanmada Kanal Hücrelerinin Rolünün İn Vitro AraŐtırılması, 2019 - 2020
- SANCAR S., BOLKENT Ő., Project Supported by Higher Education Institutions, Farklı kanser türlerinde hücre ölümünü indüklemek için bir ya da daha fazla antimikrobiyal peptidin kullanım, 2017 - 2019
- ÖZTAY F., YANARDAĐ R., ARDA PİRİNĀI B. P. , BOLKENT Ő., BAYRAK B. B. , Project Supported by Higher Education Institutions, GLP2 analoglarının akciđer hastalıklarında tedavi amaĀlı kullanımı, 2017 - 2019
- Oktayođlu S., Bolkent Ő., TUBITAK Project, Metformin'in Hiperglisemi ve Aspartam ile Uyarılan Pankreatik Beta-Hücre FarklılaŐması Üzerine Etkileri, 2017 - 2018
- SANCAR S., KARALI N. L. , BOLKENT Ő., ÖZTAY F., CİHAN ÜSTÜNDAĐ G., KAYALAR Ö., Project Supported by Higher Education Institutions, Yeni 3ariliden2indolinon türevlerinin sitotoksik ve tirozin kinaz inhibitör etkilerinin belirlenmesi, 2017 - 2018
- SANCAR S., BOLKENT Ő., Project Supported by Higher Education Institutions, Kriptinin Meme Kanseri Tedavisinde Kullanımı, 2016 - 2018
- BOLKENT Ő., SANCAR BAŐ S., Project Supported by Higher Education Institutions, Esculentin 2PLa'nın Meme Kanseri Tedavisinde Kullanımı, 2016 - 2018
- BOLKENT Ő., KARATUĐ KAĀAR A., OKTAYOĐLU S., Project Supported by Higher Education Institutions, 4-METİLKATEKOLÜN KANSER TEDAVİSİNDE KULLANIMI, 2016 - 2018
- OKTAYOĐLU S., KOYUTÜRK M., BOLKENT H. S. , BOLKENT Ő., SANCAR BAŐ S., ERĀIN M., ĀELİK E., Project Supported by Higher Education Institutions, Yapay Tatlandırıcıların Kanser Kök Hücre Karakteri Üzerindeki Olası Rolü ile İliŐkili Moleküler Mekanizmaların AraŐtırılması, 2015 - 2018
- ARDA PİRİNĀI B. P. , YANARDAĐ R., BOLKENT Ő., SAĀAN Ö., BULAN N. Ö. , AYKOL G., Project Supported by Higher Education Institutions, Galektin-1'in Dekstran Sülfat Sodyum ile OluŐturulan Ülseratif Kolit Modelinde Karaciđer Hasarı Üzerine Etkileri, 2015 - 2018
- KARATUĐ KAĀAR A., TOPĀU G., BOLKENT Ő., BAHADORİ F., TEKKELİ Ő. E. , Project Supported by Higher Education Institutions, THE INSULINOMA CELLS ARE DEATH AS DESTINATION WITH NANOPARTICULARS LOADED ESCULETIN, 2017 - 2017
- BOLKENT Ő., KARATUĐ KAĀAR A., ERTİK O., YANARDAĐ R., BOLKENT H. S. , COŐKUN Z. M. , Project Supported by Higher Education Institutions, THERAPEUTIC ROLE OF LIPOIC ACID VITAMIN E AND SELENIUM COMBINATION IN LIVER OF DIABETIC MICE, 2017 - 2017
- Oktayođlu S., Bolkent Ő., Sancar BaŐ S., TUBITAK Project, İn Vitro İnsülin Direnci Modelinde Leptin Aracılı Pankreatik Beta Hücre FarklılaŐmasının Moleküler Mekanizmalarının AraŐtırılması, 2015 - 2017
- BOLKENT Ő., Project Supported by Higher Education Institutions, STZ-Diyabetik Farelerin Karaciđeri Üzerine Kombine Antioksidant Muamelesinin Etkileri, 2015 - 2017
- KARATUĐ KAĀAR A., BOLKENT Ő., Project Supported by Higher Education Institutions, İNSULİNOMA HÜCRELERİNİN ÖLÜMÜNÜ UYARMAK İÇİN ESCULETİN YÜKLÜ NANOPARTİKÜLLER İLE HEDEFE YÖNELİK TERAPİ, 2015 - 2017
- KAPTAN E., BAYRAK B. B. , BOLKENT Ő., SANCAR BAŐ S., YANARDAĐ R., Project Supported by Higher Education

Institutions, RUNX-2 transkripsiyon faktörünün bazı tiroid kanser hücre soylarında galektin-3 ekspresyonu üzerindeki rolü, 2013 - 2017

TUNALI S., BAL DEMİRCİ T., ÇOŞKUN E., OKTAYOĞLU S., BOLKENT Ş., ÜLKÜSEVEN B., YANARDAĞ R., Project Supported by Higher Education Institutions, Effects of an Oxovanadium IV Complex with N2O2 Chelating Thiosemicarbazone on Small Intestine Injury of Diabetic Rats, 2016 - 2016

BOLKENT Ş., SANCAR BAŞ S., YANARDAĞ R., ÜLKÜSEVEN B., TUNALI S., BAL DEMİRCİ T., Project Supported by Higher Education Institutions, The Role of a New Vanadium Complex on the Kidney of Streptozotocin Diabetic Rats, 2016 - 2016

KARATUĞ KAÇAR A., OKTAYOĞLU S., BOLKENT Ş., Project Supported by Higher Education Institutions, 4-Metilkatekol Sıçan İnsülinoma beta hücrelerinde (INS-1) hücre fonksiyon kaybına ve apoptotik hücre ölümüne neden olur, 2016 - 2016

SANCAR S., BOLKENT Ş., Project Supported by Higher Education Institutions, Esculentin2PLa, a frog skin antimicrobial peptide, causes necrotic cell death in breast cancer cell lines, 2016 - 2016

KAPTAN E., BOLKENT Ş., GÜMÜŞHAN AKTAŞ H., SANCAR BAŞ S., BULUT A., Project Supported by Higher Education Institutions, Runtrelated transcription factor 2 Runx2 is responsible for galectin3 overexpression in human thyroid carcinoma, 2016 - 2016

CAN A., ALTINCIK A., KURT ŞİRİN Ö., TUNALI S., AKEV N., YANARDAĞ R., SANCAR BAŞ S., BOLKENT Ş., HASBAL G., SÖNMEZ F., et al., Project Supported by Higher Education Institutions, Vanadyum sülfatın diabetik sıçanların mide ve akciğer dokuları üzerine biokimyasal etkileri, 2015 - 2016

BOLKENT Ş., Project Supported by Higher Education Institutions, 4-metilkatekol'ün sıçan insülinoma β-hücrelerinin ölümü ile ilişkili bazı proteinlerin seviyeleri ve ekspresyonları üzerine etkileri, 2014 - 2016

BOLKENT Ş., YANARDAĞ R., SANCAR BAŞ S., BAYRAK B. B. , ÖZTAY F., ARDA PİRİNÇÇİ B. P. , Project Supported by Higher Education Institutions, Sağlık alanında ilaca dönüşme ve ulusal-uluslararası patent değeri taşıyan iki ayrı molekül, 2013 - 2016

BOLKENT Ş., KARATUĞ KAÇAR A., SANCAR BAŞ S., ARDA E. Ş. N. , ÖNAY UÇAR E., Project Supported by Higher Education Institutions, GLUKOTOKSİSİTE, LİPOTOKSİSİTE VE GLUKOLİPOTOKSİSİTE DURUMLARINDA PANKREATİK KÖK HÜCRELER, ASINAR HÜCRELER VE PANKREATİK KANAL HÜCRELERİNİN BETA HÜCRELERİNE FARKLILAŞMA MEKANİZMALARININ ARAŞTIRILMASI, 2012 - 2016

Karatuğ Kaçar A., Bolkent Ş., Project Supported by Higher Education Institutions, 4 metilkatekol ün sıçan insülinoma beta hücrelerinin ölümü ile ilişkili bazı proteinlerin seviyeleri ve ekspresyonları üzerine etkileri, 2014 - 2015

BOLKENT Ş., Project Supported by Higher Education Institutions, INS-1 Beta Hücrelerinde Serbest Yağ Asidi ile Oluşan Sitotoksistide GLP-1 Analogunun Olası Etkisi, 2013 - 2015

BOLKENT Ş., Project Supported by Higher Education Institutions, INS-1 Beta Hücrelerinde Serbest Yağ Asidiyle Oluşan Apoptozda GLP-1 Analogunun Biyolojik Rolü, 2013 - 2015

BOLKENT Ş., Project Supported by Higher Education Institutions, Yeni Doğan STZ-Diyabetik Sıçanların Böbreğinde Hücre Ölümü ve Çoğalmasa Üzerine Ghrelinin Etkileri, 2013 - 2015

BOLKENT Ş., Project Supported by Higher Education Institutions, PROSTAGLANDİN E(1)?İN RENAL İSKEMİ/REPERFÜZYON İLE OLUŞTURULAN GASTRİK HASAR GELİŞİMİNDE OLASI ROLÜ, 2012 - 2015

BOLKENT Ş., Project Supported by Higher Education Institutions, Pazı (Beta vulgaris L. var. cicla) ekstraktının ön muamelesi antiaritmik ajan (Amiodaron) ile oluşan karaciğer hasarını azaltır, 2014 - 2014

BOLKENT Ş., Project Supported by Higher Education Institutions, Sıçan İnsülinoma β-Hücrelerinde (INS-1) 4-Metilkatekol?ün Etkileri, 2011 - 2014

BOLKENT Ş., Project Supported by Higher Education Institutions, Efficacy of antioxidant vitamins (vitamin C, vitamin E, beta-carotene) and selenium supplement on D-galactosamine-induced lung injury in rats, 2013 - 2013

Karatuğ Kaçar A., Bahadori F., Bolkent Ş., Topçu G., Tekkeli Ş. E. , Önyüksel H., Project Supported by Other Official Institutions, Kemoterapötik Ajan Navelbine'in Yan Etkilerinin Azaltılması İçin Nano-Formülasyonlarının Hazırlanması, 2012 - 2013

BOLKENT Ş., Project Supported by Higher Education Institutions, Farklı Prostat Kanseri Hücre Hatlarında Epibrassinolidle Tetiklenen Apoptotik Süreçte Poliaminlerin Rollerinin Araştırılması, 2012 - 2013

BOLKENT Ş., Project Supported by Higher Education Institutions, CHARD (Beta vulgaris L. var cicla) EXTRACT AND INSULIN IMPROVED DIABETES-INDUCED SURFACTANT PROTEIN ALTERATIONS AND OXIDATIVE STRESS IN RAT LUNG, 2012 - 2012

BOLKENT Ş., Project Supported by Higher Education Institutions, Chard (Beta vulgaris L. var. cicla) Extract Ameliorates Oxidative Status in the Kidney Tissue of Streptozotocin-Induced Diabetic Rats, 2011 - 2012

BOLKENT Ş., Project Supported by Higher Education Institutions, Diyabetik Sıçanların Karaciğerinde Histopatolojik ve Oksidatif Hasar Üzerine Pazı (Beta vulgaris L. var. cicla) Tedavi Edici Etkiye Sahiptir, 2010 - 2012

BOLKENT Ş., Project Supported by Higher Education Institutions, Beta vulgaris L. var. cicla Ekstraktının Diyabetik Sıçanların Pankreatik Beta Hücrelerinde Akt2 Aracılı Glut-2 Sentezi Üzerine Etkileri, 2010 - 2012

Karatuğ Kaçar A., Oktayoğlu S., Bolkent Ş., Project Supported by Higher Education Institutions, Streptozotocin İle Oluşturulan Akut Hiperglisemi Modelinde Sinir Büyüme Faktörünün Beta Hücreleri Üzerine Etkileri, 2008 - 2012

Oktayoğlu S., Bolkent Ş., Karatuğ Kaçar A., Project Supported by Higher Education Institutions, Streptozotocin ile Oluşturulan Beta Hücre Hasarında Sinir Büyüme Faktörü ile Epidermal Büyüme Faktörü Betacellulin ve Activin A İlişkisinin Araştırılması, 2008 - 2012

BOLKENT Ş., Project Supported by Higher Education Institutions, STREPTOZOTOCIN İLE OLUŞTURULAN AKUT HİPERGLİSEMİ MODELİNDE SİNİR BÜYÜME FAKTÖRÜNÜN BETA HÜCRELERİ ÜZERİNE ETKİLERİ, 2008 - 2012

BOLKENT Ş., Project Supported by Higher Education Institutions, C6 Glioma Hücrelerinde Histon Deasetilaz İnhibitörlerinin ve Sinir Büyüme Faktörünün Rolü, 2009 - 2011

BOLKENT Ş., Project Supported by Higher Education Institutions, Yeni Sentezlenen DNA Nanotaşıyıcılarının Gen Sağım Amacıyla Hücre Transfeksiyonu ve Toksisitelerinin İncelenmesi, 2009 - 2011

BOLKENT Ş., Project Supported by Higher Education Institutions, Bazı antimikrobiyal peptidlerin meme kanser hücre soyları üzerine etkileri, 2008 - 2011

BOLKENT Ş., Project Supported by Higher Education Institutions, Exendin-4 Has Antiproliferative Effect on Hepatocytes of Diabetic Mice, 2010 - 2010

BOLKENT Ş., Project Supported by Higher Education Institutions, EXENDİN-4'ÜN DİYABETİK BİREYLERİN KARACİĞERİNDE SİNİR BÜYÜME FAKTÖRÜ, RESEPTÖR SİSTEMLER VE PROLİFERASYON ÜZERİNE ETKİLERİ, 2009 - 2010

BOLKENT Ş., Project Supported by Higher Education Institutions, STZ-DİYABETİK FARELERDE KOMBİNE ANTİOKSİDAN MUAMELESİNİN PANKREAS ÜZERİNE İMMUNOHİSTOKİMYASAL VE BİYOKİMYASAL ETKİLERİ, 2009 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, Etanol Verilen Sıçanların Dil Dokusunda Çinko Sülfatın Rolü: Biyokimyasal Bir Çalışma, 2009 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, KADMİYUM İLE OLUŞAN MİDE HASARINDA ANTİOKSİDANLARIN LİPİD PROFİLİ ÜZERİNE ETKİLERİ, 2008 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, Streptozotocin ile Oluşturulan Hiperglisemi Gelişiminde Sinir Büyüme Faktörünün Olası Rolü, 2008 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, TNF-alfa/D-GalN ile oluşturulan akciğer hasarında TRAF1 ve oksidatif stresin rolü, 2007 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, STZ-Diyabetik Farelere Uygulanan Kombine Antioksidanın Pankreas Üzerine Immunohistokimyasal ve Biyokimyasal Etkileri, 2007 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, Renal iskemi reperfüzyon modeli uygulanmış sıçanların akciğer dokusu üzerine prostoglandin E(1) in etkileri, 2007 - 2009

BOLKENT Ş., Project Supported by Higher Education Institutions, EXENDIN-4 EXERTS IT'S INSULINOTROPIC EFFECT THROUGH DECREASING SOMATOSTATIN EXPRESSION IN DIABETIC MICE PANCREAS, 2008 - 2008

BOLKENT Ş., Project Supported by Other Official Institutions, Kainik Asitin Entorinal Kortekse Enjeksiyonu Sonrası Oluşturulan MTS Modeli: Hipokampal Glukoz-6-fosfataz Histokimyası, 2006 - 2008

BolKent Ş., Oktayoğlu S., Project Supported by Higher Education Institutions, Streptozotocin ile Diyabet Oluşturulan Balb/c farelerde Glukagon benzeri peptit-1 analogu Exendin-4'ün Pankreatik Etkileri, 2005 - 2007

Patent

BolKent Ş., Hamuryudan E., Özçeşmeci M., Sancar Baş S., Akkurt B., ALCIAN BLUE BOYASINA ALTERNATİF KATYONİK FTALOSİYANİN BİLEŞİKLERİ VE BU BİLEŞİKLERİN BİYOLOJİK VE TIBBİ KULLANIMI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 6206860 , Initial Registration, 2017

Sancar Bař S., Bolkent ř., Use of Cryptonin for Treatment of Cancer, Patent, CHAPTER A Human Needs, The Invention Recourse Number: EP17211012.4 , Initial Registration, 2017

Oktayoęlu S., Bolkent ř., Önay Uçar E., Sancar Bař S., Karatuę Kaçar A., Arda E. ř. N. , Use of Some Peptides in Diagnosis and Treatment of Diabetes, Obesity and Metabolic Diseases Associated Thereto (BAřVURU), Patent, CHAPTER A Human Needs, The Invention Recourse Number: EP 17210566.0 , Initial Registration, 2017

Bolkent ř., Oyar E., Oktayoęlu S., Therapeutic Use of Curaglutide for Treatment of Prediabetes, Diabetes, Obesity and Metabolic Diseases Associated Thereto , Patent, CHAPTER A Human Needs, The Invention Recourse Number: EP 17211036.3 , Initial Registration, 2017

Oktayoęlu S., Bolkent ř., Önay Uçar E., Sancar Bař S., Karatuę Kaçar A., Arda E. ř. N. , DİYABET, OBEZİTE VE İLİřKİLİ TÜM METABOLİK HASTALIKLARIN TANISINDA BAZI PEPTİDLERİN KULLANIMI (BAřVURU), Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2016/19399 , Initial Registration, 2016

Bolkent ř., Oyar E., Oktayoęlu S., Kuraglutid'in Pre-Diyabetde, Diyabetde, Obezitede, İliřkili Metabolik Hastalıklarda ve Kanserde Terapötik Kullanımı, Patent, CHAPTER A Human Needs, The Invention Recourse Number: Kuraglutid'in Pre-Diyabetde, Diyabetde, Obezitede, İliřkili Metabolik Hastalıklarda ve Kanserde Terapötik Kullanımı , Initial Registration, 2016

Oktayoęlu S., Bolkent ř., Önay Uçar E., Sancar Bař S., Karatuę Kaçar A., Arda E. ř. N. , DİYABET, OBEZİTE VE İLİřKİLİ TÜM METABOLİK HASTALIKLARIN TEDAVİSİNDE BAZI PEPTİDLERİN KULLANILMASI (BAřVURU), Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2016/19394 , Initial Registration, 2016

Sancar Bař S., Bolkent ř., Kriptininin Meme Kanseri Tedavisinde Kullanımı, Patent, CHAPTER A Human Needs, The Invention Recourse Number: TR 2016/20086 , Initial Registration, 2016

Oktayoęlu S., Bolkent ř., Önay Uçar E., Sancar Bař S., Karatuę Kaçar A., Arda E. ř. N. , BETA HÜCRE OLUřUMUNU SAęLAMAK İÇİN BAZI PEPTİDLERİN KULLANIMI (BAřVURU), Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2016/19391 , Initial Registration, 2016

Bolkent ř., Karatuę Kaçar A., Oktayoęlu S., 4-METİLKATEKOL'ÜN KANSER TEDAVİSİNDE KULLANIMI , Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2015/17695 , Initial Registration, 2015

Bolkent ř., Sancar Bař S., Bazı Antimikrobiyal Peptidlerin Meme Kanseri Hücre Soyları Üzerine Etkileri, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 15/17780 , Initial Registration, 2015

Bolkent ř., Sancar Bař S., Eskulentin-2PLa'nın Meme Kanseri Tedavisinde Kullanımı, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2015/17780 , Initial Registration, 2015

Bolkent ř., Sancar Bař S., USE OF ONE OR MORE ANTIMICROBIAL PEPTIDES TO INDUCE CELL DEATH IN VARIOUS TYPES OF CANCERS, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2014/15474 , Initial Registration, 2014

Arda Pirinççi B. P. , Öztay F., Bolkent ř., Bayrak B. B. , Yanardaę R., GLP-2 Analoglarının Akcięer Hastalıklarında Tedavi Amaçlı Kullanımı, Patent, CHAPTER A Human Needs, The Invention Recourse Number: TR 2013/09495 , Initial Registration, 2012

Arda Pirinççi B. P. , Öztay F., Bolkent ř., Bayrak B. B. , Yanardaę R., USE OF GLP-2 ANALOGUES IN PULMONARY DISEASES FOR THERAPEUTIC PURPOSE, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 14065401 , Initial Registration, 2012

Activities in Scientific Journals

IUFS Journal of Biology, Assistant Editor, 2007 - Continues

Publication Committee Member, 2009 - 2015

Journal of Cell and Molecular Biology, Advisory Committee Member, 2002 - 2013

Memberships / Tasks in Scientific Organizations

Moleküler Biyoloji Derneęi, Member, 2011 - Continues

Biyologlar Derneęi, Member, 2000 - Continues

International Federation of Societies for Histochemistry and Cytochemistry, Member, 2000 - Continues
European Microscopy Society, Member, 2000 - Continues
The International Federation of Societies for Microscopy, Member, 2000 - Continues
Türk Elektron Mikroskopu Derneği, Board Member, 2002 - 2008

Scientific Refereeing

Journal of Diabetes Research, SCI Journal, December 2015
Project Supported by Higher Education Institutions, November 2015
Lipids in Health and Disease, SCI Journal, June 2015
IUFS journal of Biology, National Scientific Refreed Journal, November 2013
TUBITAK Project, March 2013
Project Supported by Higher Education Institutions, October 2012
Project Supported by Higher Education Institutions, July 2007
Project Supported by Higher Education Institutions, April 2004

Scientific Consultations

İSTANBUL ÜNİVERSİTESİ, Project Consultancy, İstanbul Üniversitesi, Faculty of Science, Department of Biology, Turkey,
2009 - Continues

Citations

Total Citations (WOS):1449
h-index (WOS):24

Scholarships

DAAD, Official Institutions of Foreign Countries, 1998 - 1998
NATO GRANT, NATO, 1997 - 1997

Awards

Bahadori F., Dağ A., Tekkeli Ş. E., Topçu G., Karatug Kaçar A., Önyüksel H., Bolkent Ş., Comparison of Efficacy and Toxicity of Lipid Based and Polymeric Nano Drug Delivery Systems, 4Th Annual International Conference On Advances In Biotechnology, March 2014
BOLKENT Ş., Tübitak-Uluslararası Bilimsel Yayınları Teşvik Ödülleri, Tübitak, January 2013
BOLKENT Ş., İstanbul Üniversitesi Başarılı Araştırmacı Ödülleri 2000-2013, İstanbul Üniversitesi BAP Birimi, January 2000
BOLKENT Ş., Uluslararası Bilimsel Yayınları Teşvik Ödülleri 2000-2013, Tübitak, January 2000

Non Academic Experience

Other, Max Planck Institute, Functional Morphology And System Physiology