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Education Information

Doctorate, Universitaet Hohenheim, The Faculty Of Natural Sciences, Germany 2006 - 2009

Post Graduate, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2003 - 2005

Under Graduate, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1999 - 2003

Dissertations

Doctorate, Nuclear Activation of proteasome in oxidative stress and aging, Universitaet Hohenheim, The Faculty Of Natural Sciences, 2009

Post Graduate, Bazı pestisidlerin lipit peroksidasyonu ve antioksidan enzimler üzerine etkilerinin in vitro araştırılması, İstanbul Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2005

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2013 - Continues

Advising Theses

KARADEMİR B., Kemoterapötik Ajanlar Bortezomib ve Carfilzomib Kaynaklı Periferik Nöropatide Mitotoksisitenin Rolünün İncelenmesi, Doctorate, A.TARBİN(Student), 2019

KARADEMİR B., Meme kanseri hastalarında sitokrom P450 2D6 enzimi genetik polimorfizminin östrojen reseptör degradasyonu üzerine etkisi, Doctorate, Z.OKAT(Student), 2016

KARADEMİR B., Nöroblastoma tümör hücrelerine karşı adipoz doku kaynaklı insan kök hücrelerinin apoptoz etkinliğinin araştırılması, Post Graduate, A.CİNGÖZ(Student), 2013

KARADEMİR B., Apoptotik hücre ölümüne direnç gösteren medulloblastoma hücreleri üzerine mezenkimal kök hücre ve çeşitli inhibitörlerin etkisinin incelenmesi, Post Graduate, K.YAMAN(Student), 2013

KARADEMİR B., Mezenkimal kök hücre ile birlikte kültüre edilen nöroblastoma hücrelerinin x-bağımlı apoptotik protein inhibitörüne verdiği yanıtın incelenmesi, Post Graduate, K.UÇAR(Student), 2013

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

1. Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament

regeneration

Saatcioglu E., Ulag S., Şahin A., Yılmaz B., Ekren N., İnan A. T. , Palacı Y., Üstündağ C. B. , Gündüz O.
European Polymer Journal, vol.148, 2021 (Journal Indexed in SCI Expanded)

- II. **Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D-printed scaffolds**
Bedir T., Ulag S., Aydoğan K., Şahin A., Yılmaz B., Güvenç Y., Bozlar M., Üstündağ C. B. , Gündüz O.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.3, pp.1114-1125, 2021 (Journal Indexed in SCI)
- III. **Fabrication of tissue-engineered tympanic membrane patches using 3D-Printing technology**
İlhan E., Ulag S., Sahin A., Yılmaz B., Ekren N., Kılıç O., Şengör M., Kalaskar D. M. , Oktar F. N. , Gündüz O.
Journal of the Mechanical Behavior of Biomedical Materials, vol.114, 2021 (Journal Indexed in SCI Expanded)
- IV. **Production and characterization of bacterial cellulose scaffold and its modification with hyaluronic acid and gelatin for glioblastoma cell culture**
Ünal S., Arslan S., Yılmaz B., Oktar F. N. , Sengil A. Z. , Gündüz O.
CELLULOSE, 2020 (Journal Indexed in SCI)
- V. **Polycaprolactone/Gelatin/Hyaluronic Acid Electrospun Scaffolds to Mimic Glioblastoma Extracellular Matrix**
Ünal S., Arslan S., Yılmaz B., Oktar F. N. , Fıcaı D., Fıcaı A., Gündüz O.
MATERIALS, vol.13, no.11, 2020 (Journal Indexed in SCI)
- VI. **3D printed artificial cornea for corneal stromal transplantation**
Ulag S., İlhan E., Şahin A., Karademir Yılmaz B., Kalaskar D. M. , Ekren N., Kılıç O., Nuzhet Oktar F. N. , Gündüz O.
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (Journal Indexed in SCI)
- VII. **Higher proteotoxic stress rather than mitochondrial damage is involved in higher neurotoxicity of bortezomib compared to carfilzomib**
Jannuzzi A., Arslan S., Yılmaz A. M. , Sari G., Beklen H., Méndez L., Fedorova M., Arga K. Y. , Karademir Y., Alpertunga B.
REDOX BIOLOGY, vol.32, 2020 (Journal Indexed in SCI)
- VIII. **Glioblastoma cell adhesion properties through bacterial cellulose nanocrystals in polycaprolactone/gelatin electrospun nanofibers**
Ünal S., Arslan S., Karademir Yılmaz B., Kazan D., Oktar F. N. , Gündüz O.
CARBOHYDRATE POLYMERS, vol.233, 2020 (Journal Indexed in SCI)
- IX. **Intraluminal fluid infusion in a rat jejunum ischemia/reperfusion model is associated with improved tissue perfusion and less mucosal damage**
Yalcin D., Saçak B., Yalcin M., Yıldırım A., Karademir B., Ercan F., Celebiler O.
JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY, vol.73, pp.590-597, 2020 (Journal Indexed in SCI)
- X. **Cytotoxicity of Different Nano Composite Resins on Human Gingival and Periodontal Ligament Fibroblast Cell Lines: An In Vitro Study**
Kavuncu G., Yılmaz A. M. , Karademir Y., Yılmaz A., Altunok E., Kuru L., Agralı Ö. B.
BIOMEDICINES, vol.8, no.3, 2020 (Journal Indexed in SCI)
- XI. **The potential use of natural products to negate hepatic, renal and neuronal toxicity induced by cancer therapeutics**
Prša P., Karademir B., Biçim G., Mahmoud H., Dahan I., Yalçın A. S. , Mahajna J., Milisav I.
BIOCHEMICAL PHARMACOLOGY, vol.173, 2020 (Journal Indexed in SCI)
- XII. **HSP70 Inhibition Leads to the Activation of Proteasomal System under Mild Hyperthermia Conditions in Young and Senescent Fibroblasts**
Bozaykut P., Sozen E., Kaga E., Ece A., Ozaltın E., Bergquist J., Kartal O., Karademir Y.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2020, 2020 (Journal Indexed in SCI)
- XIII. **Indocyanine green based fluorescent polymeric nanoprobe for in vitro imaging**
Ege Z. R. , Akan A., Oktar F. N. , Lin C. C. , Kuruca D. S. , Karademir B., Sahin Y. M. , Erdemir G., Gündüz O.
Journal of Biomedical Materials Research - Part B Applied Biomaterials, vol.108, no.2, pp.538-554, 2020 (Journal Indexed in SCI)

- XIV. **Investigation of 3D-Printed Polycaprolactone-/Polyvinylpyrrolidone-Based Constructs**
Izgordu M. S. , Uzgur E. I. , Ulag S., Şahin A., Yılmaz B., Kilic B., Ekren N., Oktar F. N. , Gündüz O.
CARTILAGE, 2020 (Journal Indexed in SCI)
- XV. **Controlled Release of Metformin Hydrochloride from Core-Shell Nanofibers with Fish Sarcoplasmic Protein**
Sena S., Sumeyra K. N. , Ulkugul G., Sema A., Betul K., Muge S. B. , Sayip E. M. , Muhammet U., Cevriye K., Mahir M., et al.
MEDICINA-LITHUANIA, vol.55, no.10, 2019 (Journal Indexed in SCI)
- XVI. **Design and characterization of polycaprolactone-gelatin-graphene oxide scaffolds for drug influence on glioblastoma cells**
Ünal S., Arslan S., Gokce T., Atasoy B. M. , Karademir B., Oktar F. N. , Gündüz O.
European Polymer Journal, vol.115, pp.157-165, 2019 (Journal Indexed in SCI)
- XVII. **PPP2R3C gene variants cause syndromic 46,XY gonadal dysgenesis and impaired spermatogenesis in humans**
GÜRAN T., Yesil G., Turan S., Atay Z., BOZKURTLAR E., Aghayev A., Gul S., TİNAY İ., Aru B., Arslan S., et al.
EUROPEAN JOURNAL OF ENDOCRINOLOGY, vol.180, no.5, pp.291-309, 2019 (Journal Indexed in SCI)
- XVIII. **3D Printing Artificial Blood Vessel Constructs Using PCL/Chitosan/Hydrogel Biocomposites**
Ulag S., Kalkandelen C., OKTAR F. N. , UZUN M., ŞAHİN Y. M. , KARADEMİR B., Arslan S., Ozbolat I. T. , Mahirogullari M., GÜNDÜZ O.
CHEMISTRYSELECT, vol.4, no.8, pp.2387-2391, 2019 (Journal Indexed in SCI)
- XIX. **Co-Culture of Keratinocyte-Staphylococcus aureus on Cu-Ag-Zn/CuO and Cu-Ag-W Nanoparticle Loaded Bacterial Cellulose:PMMA Bandages**
Altun E., Aydogdu M. O. , Crabbe-Mann M., Ahmed J., Brako F., Karademir B., Aksu B., Sennaroğlu Bostan M., Eroğlu M. S. , Ren G., et al.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.304, 2019 (Journal Indexed in SCI)
- XX. **Proteomic approach for understanding milder neurotoxicity of Carfilzomib against Bortezomib**
KARADEMİR B., Sari G., Jannuzzi A. T. , Musunuri S., Wicher G., Grune T., Mi J., Hacıoglu-Bay H., Forsberg-Nilsson K., Bergquist J., et al.
SCIENTIFIC REPORTS, vol.8, 2018 (Journal Indexed in SCI)
- XXI. **CD36 expression in peripheral blood mononuclear cells reflects the onset of atherosclerosis**
Yazgan B., Sozen E., KARADEMİR B., Ustunsoy S., Ince U., Zarkovic N., Ozer N.
BIOFACTORS, vol.44, no.6, pp.588-596, 2018 (Journal Indexed in SCI)
- XXII. **Encapsulation of indocyanine green in poly(lactic acid) nanofibers for using as a nanoprobe in biomedical diagnostics**
Ege Z. R. , AKAN A., OKTAR F. N. , Lin C., KARADEMİR B., GÜNDÜZ O.
MATERIALS LETTERS, vol.228, pp.148-151, 2018 (Journal Indexed in SCI)
- XXIII. **Redox Regulation and Cancer Therapy**
Yalcin A. S. , KARADEMİR B.
CURRENT PHARMACEUTICAL DESIGN, vol.24, no.44, pp.5232-5233, 2018 (Journal Indexed in SCI)
- XXIV. **Proteasome Inhibitors in Cancer Therapy and their Relation to Redox Regulation**
Sari G., Okat Z., Şahin A., Karademir B.
CURRENT PHARMACEUTICAL DESIGN, vol.24, pp.5252-5267, 2018 (Journal Indexed in SCI)
- XXV. **Repair of critical size defects using bioactive glass seeded with adipose-derived mesenchymal stem cells**
SAÇAK B., Certel F., AKDENİZ DOĞAN Z. D. , KARADEMİR B., ERCAN F., ÖZKAN N., Akpınar I. N. , Celebiler O.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.105, no.5, pp.1002-1008, 2017 (Journal Indexed in SCI)
- XXVI. **Protective effects of different exercise modalities in an Alzheimer's disease-like model**
ÖZBEYLİ D., Sari G., ÖZKAN N., KARADEMİR B., YÜKSEL M., KAYA Ö. T. , Cakir Ö.
BEHAVIOURAL BRAIN RESEARCH, vol.328, pp.159-177, 2017 (Journal Indexed in SCI)
- XXVII. **Proteasome inhibitors in cancer therapy: Treatment regimen and peripheral neuropathy as a side**

effect

Kaplan G. S. , Torcun C. C. , Grune T., Ozer N., KARADEMİR B.

FREE RADICAL BIOLOGY AND MEDICINE, vol.103, pp.1-13, 2017 (Journal Indexed in SCI)

XXVIII. Hypercholesterolemia Mediated Endoplasmic Reticulum Stress Response Might Be Related to Autophagic Death of Cardiomyocytes in Heart Failure

Ozer N., SÖZEN A. E. , Yazgan B., KARADEMİR B.

FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (Journal Indexed in SCI)

XXIX. Effect of Different Exercise Methods on Anxiety-Like Behavior and Cerebral Plasticity in An Experimental Model of Alzheimer's Disease

ÖZBEYLİ D., Sari G., ÖZKAN N., KARADEMİR B., Cilingir O. T. , Yuksel M., Cakir O. K.

ACTA PHYSIOLOGICA, vol.218, pp.71-72, 2016 (Journal Indexed in SCI)

XXX. Effect of Different Exercise Methods on Anxiety Like Behavior and Cerebral Plasticity in An Experimental Model of Alzheimer s Disease

OZBEYLİ D., SARI G., ÖZKAN N., KARADEMİR B., KAYA Ö. T. , YÜKSEL M., KASIMAY ÇAKIR Ö.

Acta Physiologica, vol.218, pp.62, 2016 (Journal Indexed in SCI)

XXXI. Nrf2 silencing to inhibit proteolytic defense induced by hyperthermia in HT22 cells

Bozaykut P., Ozer N., KARADEMİR B.

REDOX BIOLOGY, vol.8, pp.323-332, 2016 (Journal Indexed in SCI)

XXXII. Endoplasmic reticulum stress related molecular mechanisms in nonalcoholic steatohepatitis

Bozaykut P., Şahin A., Karademir Yilmaz B., Ozer N.

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XXXIII. Endoplasmic reticulum stress and proteasomal system in amyotrophic lateral sclerosis

KARADEMİR B., Corek C., Ozer N.

FREE RADICAL BIOLOGY AND MEDICINE, vol.88, pp.42-50, 2015 (Journal Indexed in SCI)

XXXIV. The Effect of Exercise Modalities on D-galactose Induced Rat Alzheimer Model

ÖZBEYLİ D., Sari G., ÖZKAN N., KARADEMİR B., YÜKSEL M., ŞİRVANCI S., KASIMAY ÇAKIR Ö.

ACTA PHYSIOLOGICA, vol.215, pp.42, 2015 (Journal Indexed in SCI)

XXXV. Exploring oxidative modifications of tyrosine: An update on mechanisms of formation, advances in analysis and biological consequences

Houee-Levin C., Bobrowski K., Horakova L., Karademir B., Schoeneich C., Davies M. J. , Spickett C. M.

FREE RADICAL RESEARCH, vol.49, no.4, pp.347-373, 2015 (Journal Indexed in SCI)

XXXVI. Basic mechanisms in endoplasmic reticulum stress and relation to cardiovascular diseases

Sozen E., KARADEMİR B., Ozer N.

FREE RADICAL BIOLOGY AND MEDICINE, vol.78, pp.30-41, 2015 (Journal Indexed in SCI)

XXXVII. Regulation of protein turnover by heat shock proteins

Bozaykut P., Ozer N., KARADEMİR B.

FREE RADICAL BIOLOGY AND MEDICINE, vol.77, pp.195-209, 2014 (Journal Indexed in SCI)

XXXVIII. The effect of resveratrol on signal transduction pathways and the role of pro-apoptotic Bax protein on apoptosis in HCT-116 colon carcinoma cell lines

Ceyda C., Ergul M. A. , Betul K., Semra K., Nesrin K. O. , Yavuz T.

FREE RADICAL BIOLOGY AND MEDICINE, vol.75, 2014 (Journal Indexed in SCI)

XXXIX. The role of hypercholesterolemic diet and vitamin E on Nrf2 pathway, endoplasmic reticulum stress and proteasome activity

Perinur B., Erdi S., Burak Y., Betul K., Nesrin K.

FREE RADICAL BIOLOGY AND MEDICINE, vol.75, 2014 (Journal Indexed in SCI)

XL. Heat shock proteins and proteasomal degradation in normal and tumor cells

Betul K., Perinur B., Nesrin K. O.

FREE RADICAL BIOLOGY AND MEDICINE, vol.75, 2014 (Journal Indexed in SCI)

XLI. CD36 as a biomarker of atherosclerosis

Yazgan B., Ustunsoy S., KARADEMİR B., KARTAL ÖZER N.

FREE RADICAL BIOLOGY AND MEDICINE, vol.75, 2014 (Journal Indexed in SCI)

- XLII. **Effects of vitamin E on peroxisome proliferator-activated receptor gamma and nuclear factor-erythroid 2-related factor 2 in hypercholesterolemia-induced atherosclerosis**
Bozaykut P., KARADEMİR B., Yazgan B., Sozen E., Siow R. C. M. , Mann G. E. , Ozer N.
FREE RADICAL BIOLOGY AND MEDICINE, vol.70, pp.174-181, 2014 (Journal Indexed in SCI)
- XLIII. **Protein damage, repair and proteolysis**
Chondrogianni N., Petropoulos I., Grimm S., Georgila K., Catalgol B., Friguet B., Grune T., Gonos E. S.
MOLECULAR ASPECTS OF MEDICINE, vol.35, pp.1-71, 2014 (Journal Indexed in SCI)
- XLIV. **Potential role of proteasome on c-jun related signaling in hypercholesterolemia induced atherosclerosis**
Sozen E., KARADEMİR B., Yazgan B., Bozaykut P., Ozer N.
REDOX BIOLOGY, vol.2, pp.732-738, 2014 (Journal Indexed in SCI)
- XLV. **Molecular Function of Tocopherols in Age Related Diseases**
KARADEMİR B., Ozer N.
CURRENT PHARMACEUTICAL DESIGN, vol.20, no.18, pp.3030-3035, 2014 (Journal Indexed in SCI)
- XLVI. **Identification of differentially expressed proteins in atherosclerotic aorta and effect of vitamin E**
Kaga E., KARADEMİR B., Baykal A. T. , Ozer N.
JOURNAL OF PROTEOMICS, vol.92, pp.260-273, 2013 (Journal Indexed in SCI)
- XLVII. **Regulation of protein turnover by heat shock proteins**
KARADEMİR B., Sozen E., Bozaykut P., Ece A., Ozaltin E., Ozer N., Grune T.
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (Journal Indexed in SCI)
- XLVIII. **The role of heat stress on the age related protein carbonylation**
Bozaykut P., Sozen E., Kaga E., Ece A., Ozaltin E., Ek B., Ozer N., Grune T., Bergquist J., KARADEMİR B.
JOURNAL OF PROTEOMICS, vol.89, pp.238-254, 2013 (Journal Indexed in SCI)
- XLIX. **Acute effects of methiocarb on oxidative damage and the protective effects of vitamin E and taurine in the liver and kidney of Wistar rats**
ÖZDEN S., Catalgol B., OKTAYOĞLU S., KARATUĞ KAÇAR A., BOLKENT Ş., ALPERTUNGA B.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.1, pp.60-71, 2013 (Journal Indexed in SCI)
- L. **Cathepsins D and L reduce the toxicity of advanced glycation end products**
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FREE RADICAL BIOLOGY AND MEDICINE, vol.52, no.6, pp.1011-1023, 2012 (Journal Indexed in SCI)
- LI. **Protective effects of vitamin E against hypercholesterolemia-induced age-related diseases**
Catalgol B., Ozer N.
GENES AND NUTRITION, vol.7, no.1, pp.91-98, 2012 (Journal Indexed in SCI)
- LII. **Proteasome and Cancer**
Catalgol B.
THE PROTEASOMAL SYSTEM IN AGING AND DISEASE, vol.109, pp.277-293, 2012 (Journal Indexed in SCI)
- LIII. **Proteasome and Neurodegenerative Diseases**
Catalgol B., Grune T.
THE PROTEASOMAL SYSTEM IN AGING AND DISEASE, vol.109, pp.397-414, 2012 (Journal Indexed in SCI)
- LIV. **Resveratrol: French paradox revisited**
Catalgol B., BATIREL S., Taga Y., Ozer N.
FRONTIERS IN PHARMACOLOGY, vol.3, 2012 (Journal Indexed in SCI)
- LV. **HSP70 mediates dissociation and reassociation of the 26S proteasome during adaptation to oxidative stress**
Grune T., Catalgol B., Licht A., Ermak G., Pickering A. M. , Ngo J. K. , Davies K. J. A.
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- LVI. **Cellular Protection and Therapeutic Potential of Tocotrienols**
Catalgol B., Batirel S., Ozer N.
CURRENT PHARMACEUTICAL DESIGN, vol.17, no.21, pp.2215-2220, 2011 (Journal Indexed in SCI)
- LVII. **Lipofuscin inhibits the proteasome by binding to surface motifs**
Hoehn A., Jung T., Grimm S., Catalgol B., Weber D., Grune T.

- FREE RADICAL BIOLOGY AND MEDICINE, vol.50, no.5, pp.585-591, 2011 (Journal Indexed in SCI)
- LVIII. **Age-related loss of stress-induced nuclear proteasome activation is due to low PARP-1 activity**
Bakondi E., Catalgol B., Bak I., Jung T., Bozaykut P., Bayramicli M., Ozer N., Grune T.
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- LIX. **Chromatin repair after oxidative stress: Role of PARP-mediated proteasome activation**
Catalgol B., Wendt B., Grimm S., Breusing N., Ozer N., Grune T.
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- LX. **The Proteasome Is an Integral Part of Solar Ultraviolet A Radiation-induced Gene Expression**
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JOURNAL OF BIOLOGICAL CHEMISTRY, vol.284, no.44, pp.30076-30086, 2009 (Journal Indexed in SCI)
- LXI. **Acrylamide-induced oxidative stress in human erythrocytes**
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HUMAN & EXPERIMENTAL TOXICOLOGY, vol.28, no.10, pp.611-617, 2009 (Journal Indexed in SCI)
- LXII. **Protein Pool Maintenance During Oxidative Stress**
Catalgol B., Grune T.
CURRENT PHARMACEUTICAL DESIGN, vol.15, no.26, pp.3043-3051, 2009 (Journal Indexed in SCI)
- LXIII. **The proteasomal system**
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MOLECULAR ASPECTS OF MEDICINE, vol.30, no.4, pp.191-296, 2009 (Journal Indexed in SCI)
- LXIV. **Methiocarb-induced oxidative damage following subacute exposure and the protective effects of vitamin E and taurine in rats**
ÖZDEN S., Catalgol B., OKTAYOĞLU S., ARDA PİRİNÇÇİ B. P., BOLKENT Ş., ALPERTUNGA B.
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- LXV. **Age-related differences in oxidative protein-damage in young and senescent fibroblasts**
Jung T., Hoehn A., Catalgol B., Grune T.
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.483, no.1, pp.127-135, 2009 (Journal Indexed in SCI)
- LXVI. **Turnover of oxidatively modified proteins: the usage of in vitro and metabolic labeling**
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- LXVII. **Effects of trichlorfon on malondialdehyde and antioxidant system in human erythrocytes**
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Articles Published in Other Journals

- I. **Hydrogen Peroxide and Quercetin Induced Changes on Cell Viability, Apoptosis and Oxidative Stress in HepG2 Cells**
Yılmaz Göler A. M., Biçim G., Toprak K., Yılmaz B., Yalçın A. S., Milisav I.
Current Nutraceuticals, vol.2, no.1, pp.47-55, 2021 (Refereed Journals of Other Institutions)
- II. **Cytotoxicity and Collagen Expression Effects of Tideglusib Administration on Human Periodontal Cells: An In-Vitro Study**
öncü b., YILMAZ GÖLER A. M., YILMAZ B., ALTUNOK E. Ç., KURU L., AĞRALI Ö. B.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.2, pp.153-162, 2020 (Refereed Journals of Other Institutions)
- III. **Effects of different stress conditions on apoptosis, proteasome activity and exosome cell death pathways in hepatocellular carcinoma cells**
YILMAZ GÖLER A. M., Biçim G., Toprak K., KARADEMİR B., YALÇIN A. S.
MDPI Proceedings, vol.2, pp.1-4, 2018 (Refereed Journals of Other Institutions)
- IV. **Proteasomal Inhibition with Bortezomib Causes Selective Autophagy Upregulation and Perinuclear**

Clustering of Mitochondria in Human Neuronal Cells

Jannuzi A. T. , SARI G., YILMAZ GÖLER A. M. , KARADEMİR B., ALPERTUNGA B.
Proceedings, vol.2, pp.1583, 2018 (Refereed Journals of Other Institutions)

- V. **The Role of Proteasome in the Cell Cycle Progression of Induced Pluripotent Stem Cells**
SARI G., MUTLU ALTUNDAĞ E., KAVALCI B., TOSUN C., ŞAHİN Z. S. , GÜLEÇ S., HEIDARI A., KARADEMİR B.
Cellular And Molecular Biology, 2017 (Refereed Journals of Other Institutions)
- VI. **Quercetin-Induced Cell Death in Human Papillary Thyroid Cancer (B-CPAP) Cells**
Altundag E. M. , Kasaci T., Yilmaz A. M. , KARADEMİR B., Kocturk S., Taga Y., Yalcin A. S.
JOURNAL OF THYROID RESEARCH, 2016 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **Heat Shock Protein (HSP)**
KARADEMİR B., SARI G.
in: Encyclopedia of Signaling Molecules, Sangdun Choi, Editor, Springer, pp.2330-2339, 2018
- II. **ATEROSKLEROZ BİYOKİMYASI**
BATIREL S., KARADEMİR B., KARTAL ÖZER N.
in: KLİNİK BİYOKİMYA, NESRİN EMEKLİ, TÜRKAN YİĞİTBAŞI, Editor, NOBEL TIP KİTAPEVLERİ, İstanbul, pp.209-220, 2015
- III. **Protein Oxidation and Aging**
JUNG T., KARADEMİR B., GRUNE T.
WILEY, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Anti-Tumor Effect Of Bortezomib And Carfilzomib On Glioblastoma Cells And Stress Response And Skeletal Damage In Healthy Brain Cells**
ARSLAN ESERYEL S., GÜVEN Ü., ÜNAL S., ŞAHİN A., YILMAZ GÖLER A. M. , ATASOY B. M. , GÜNDÜZ O., YILMAZ B.
8th Multidisciplinary Cancer Research Congress, Turkey, 16 - 17 January 2021
- II. **Combination of Proteasome Inhibitor Bortezomib with Temozolomide and Radiotherapy in Co-Culture and 3D Culture Models of Glioblastoma**
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