

Prof. BETÜL YILMAZ

Personal Information

Email: betulkarademir@marmara.edu.tr

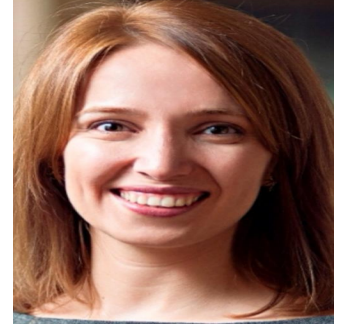
Web: <https://avesis.marmara.edu.tr/betulkarademir>

International Researcher IDs

ScholarID: VvpN-IYAAAAJ

ORCID: 0000-0003-1762-0284

Yoksis Researcher ID: 205934



Education Information

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

Postgraduate, Istanbul University, Faculty Of Pharmacy , Department Of Professional
Pharmaceutical Sciences, Turkey 2003 - 2005

Undergraduate, Istanbul University, Faculty Of Pharmacy , Eczacılık Pr., Turkey 1999 - 2003

Dissertations

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

Postgraduate, 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

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

Academic and Administrative Experience

Director of the Center, Marmara University, 2019 - Continues

Deputy Director of the Center, Marmara University, 2015 - 2019

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, Postgraduate, A.ÇİNGÖZ(Student), 2013

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel high-efficiency transdermal patches for combinational therapy of Alzheimer's disease: Donepezil/vitamin B12-loaded nanofibers**
Ertuş B., Onay I. N., Yılmaz Göler A. M., Karademir-Yılmaz B., Aslan I., Çam M. E.
Journal of Drug Delivery Science and Technology, vol.89, 2023 (SCI-Expanded)
- II. **Molecular Cardiotoxic Effects of Proteasome Inhibitors Carfilzomib and Ixazomib and Their Combination with Dexamethasone Involve Mitochondrial Dysregulation**
JANNUZZI A. T., Korkmaz N. S., GÜNAYDIN AKYILDIZ A., Arslan Eseryel S., Karademir Yılmaz B., ALPERTUNGA B.
Cardiovascular Toxicology, vol.23, no.3-4, pp.121-131, 2023 (SCI-Expanded)
- III. **Uniformly shaped harmonization combines human transcriptomic data from different platforms while retaining their biological properties and differential gene expression patterns**
Borisov N., Tkachev V., Simonov A., Sorokin M., Kim E., Kuzmin D., Karademir-Yılmaz B., Buzdin A.
Frontiers in Molecular Biosciences, vol.10, 2023 (SCI-Expanded)
- IV. **Primary adrenal insufficiency in a patient with biallelic QRSL1 mutations**
Dursun F., Genc H. M., Yılmaz Göler A. M., Tas I., Eser M., Pehlivanoglu C., Yılmaz B., Güran T.
EUROPEAN JOURNAL OF ENDOCRINOLOGY, vol.187, no.3, 2022 (SCI-Expanded)
- V. **Next-Generation Grade and Survival Expression Biomarkers of Human Gliomas Based on Algorithmically Reconstructed Molecular Pathways**
Zolotovskaia M. A., Kovalenko M. A., Tkachev V. S., Simonov A. M., Sorokin M., Kim E., Kuzmin D., Karademir-Yılmaz B., Buzdin A. A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.13, 2022 (SCI-Expanded)
- VI. **Acute Myeloid Leukemia: New Multiomics Molecular Signatures and Implications for Systems Medicine Diagnostics and Therapeutics Innovation**
Kelesoglu N., Kori M., TURANLI B., ARĞA K. Y., Yılmaz B., Duru O. A.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.26, no.7, pp.392-403, 2022 (SCI-Expanded)
- VII. **Driving Precision Oncology to Clinical Practice: The Road Ahead from Biomarker Validation to Clinical Decision Systems**
Yılmaz B., ARĞA K. Y.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.26, no.6, pp.358-359, 2022 (SCI-Expanded)
- VIII. **Exploring the Anticancer Effects of Brominated Plastoquinone Analogs with Promising Cytotoxic Activity in MCF-7 Breast Cancer Cells via Cell Cycle Arrest and Oxidative Stress Induction**
Jannuzzi A. T., Yılmaz Göler A. M., Bayrak N., Yıldız M., Yıldırım H., Yılmaz B., Shilkar D., Jayaprakash Venkatesan R., Jayaprakash V., Tuyen A. F.
Pharmaceuticals, vol.15, pp.777-799, 2022 (SCI-Expanded)
- IX. **Past, Present, and Future of Therapies for Pituitary Neuroendocrine Tumors: Need for Omics and Drug Repositioning Guidance**
Aydin B., Yildirim E., ERDOĞAN O., ARĞA K. Y., Yılmaz B., BOZKURT S., BAYRAKLI F., TURANLI B.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.26, no.3, pp.115-129, 2022 (SCI-Expanded)
- X. **MicroRNA-Mediated Drug Repurposing Unveiled Potential Candidate Drugs for Prolactinoma Treatment**
Aydin B., Arslan S., BAYRAKLI F., YILMAZ B., ARĞA K. Y.

NEUROENDOCRINOLOGY, vol.112, pp.161-173, 2022 (SCI-Expanded)

- XI. **Combination of Second-Generation Proteasome Inhibitor Carfilzomib with Bortezomib in Four Different Breast Cancer Cell Lines**
Altundag E. M., Yilmaz A. M., Sahin A., Yilmaz B.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.22, no.16, pp.2909-2918, 2022 (SCI-Expanded)
- XII. **Investigation of 3D-Printed Polycaprolactone-/Polyvinylpyrrolidone-Based Constructs**
Izgordu M. S., Uzgur E. I., Ulag S., Şahin A., Yilmaz B., Kilic B., Ekren N., Oktar F. N., Gündüz O.
CARTILAGE, vol.13, no.2_SUPPL, 2021 (SCI-Expanded)
- XIII. **The Role of Extracellular Vesicles Secreted From Thermal Stress-Induced Adipose-Derived Stem Cells on Bone Regeneration**
Akdeniz-Dogan Z. D., Sendur S., Karademir-Yilmaz B., Buğdaycı O., Kaya Ö. T., Yilmaz-Goler A. M., Gündüz O., Çelebiler Ö. B.
JOURNAL OF CRANIOFACIAL SURGERY, vol.32, no.6, pp.2245-2250, 2021 (SCI-Expanded)
- XIV. **Propolis-Based Nanofiber Patches to Repair Corneal Microbial Keratitis**
Ulag S., İlhan E., Demirhan R., Sahin A., Yilmaz B., Aksu B., Sengor M., Fıcaı D., Titu A. M., Fıcaı A., et al.
MOLECULES, vol.26, no.9, 2021 (SCI-Expanded)
- XV. **Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament regeneration**
Saatcioglu E., Ulag S., Şahin A., Yilmaz B., Ekren N., İnan A. T., Palacı Y., Üstündağ C. B., Gündüz O.
EUROPEAN POLYMER JOURNAL, vol.148, 2021 (SCI-Expanded)
- XVI. **The Repertoire of Glycan Alterations and Glycoproteins in Human Cancers.**
Kori M., Aydın B., Gulfidan G., Beklen H., Kelesoglu N., Caliskan Iscan A., Turanlı B., Erzik C., Karademir B., Arga K. Y.
Omics : a journal of integrative biology, vol.25, no.3, pp.139-168, 2021 (SCI-Expanded)
- XVII. **Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D-printed scaffolds**
Bedir T., Ulag S., Aydogan K., Şahin A., Yilmaz B., Güvenç Y., Bozlar M., Üstündağ C. B., Gündüz O.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.3, pp.1114-1125, 2021 (SCI-Expanded)
- XVIII. **Fabrication of tissue-engineered tympanic membrane patches using 3D-Printing technology**
İlhan E., Ulag S., Sahin A., Yilmaz 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 (SCI-Expanded)
- XIX. **Production and characterization of bacterial cellulose scaffold and its modification with hyaluronic acid and gelatin for glioblastoma cell culture**
Ünal S., Arslan S., Yilmaz B., Oktar F. N., Sengil A. Z., Gündüz O.
CELLULOSE, vol.28, no.1, pp.117-132, 2021 (SCI-Expanded)
- XX. **Polycaprolactone/Gelatin/Hyaluronic Acid Electrospun Scaffolds to Mimic Glioblastoma Extracellular Matrix**
Ünal S., Arslan S., Yilmaz B., Oktar F. N., Fıcaı D., Fıcaı A., Gündüz O.
MATERIALS, vol.13, no.11, 2020 (SCI-Expanded)
- XXI. **3D printed artificial cornea for corneal stromal transplantation**
Ulag S., İlhan E., Şahin A., Karademir Yilmaz B., Kalaskar D. M., Ekren N., Kılıç O., Nuzhet Oktar F. N., Gündüz O.
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- XXII. **Higher proteotoxic stress rather than mitochondrial damage is involved in higher neurotoxicity of bortezomib compared to carfilzomib**
Jannuzzi A., Arslan S., Yilmaz A. M., Sari G., Beklen H., Méndez L., Fedorova M., Arga K. Y., Karademir Y., Alpertunga B.
REDOX BIOLOGY, vol.32, 2020 (SCI-Expanded)
- XXIII. **Glioblastoma cell adhesion properties through bacterial cellulose nanocrystals in polycaprolactone/gelatin electrospun nanofibers**
Ünal S., Arslan S., Karademir Yilmaz B., Kazan D., Oktar F. N., Gündüz O.
CARBOHYDRATE POLYMERS, vol.233, 2020 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)

- XXV. **Cytotoxicity of Different Nano Composite Resins on Human Gingival and Periodontal Ligament Fibroblast Cell Lines: An In Vitro Study**
Kavuncu G., Yilmaz A. M., Karademir Y., Yilmaz A., Altunok E., Kuru L., Agrali Ö. B.
BIOMEDICINES, vol.8, no.3, 2020 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **The Protective Effect of Weekend Warrior and Continuous Exercise Models on Depression Induced Cognitive Impairment**
Ozturk C. C., Ataoglu S. N., Arvas A., Tokol H., Yaprak H., Gurel S., Levent H. N., AKAKIN D., Karademir B., Cakir B., et al.
ACTA PHYSIOLOGICA, vol.227, pp.35, 2019 (SCI-Expanded)
- XXX. **Controlled release of metformin hydrochloride from core-shell nanofibers with fish sarcoplasmic protein**
Sena S., Sumeyra K. N., Ulkugul G., Sema A., Betül K., Muge S. B., Sayip E. M., Muhammet U., Cevriye K., Mahir M., et al.
Medicina (Lithuania), vol.55, no.10, 2019 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **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., Tinay İ., Aru B., Arslan S., et al.
EUROPEAN JOURNAL OF ENDOCRINOLOGY, vol.180, no.5, pp.291-309, 2019 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **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 (SCI-Expanded)
- XXXV. **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., Hacıoğlu-Bay H., Forsberg-Nilsson K., Bergquist J., et al.
SCIENTIFIC REPORTS, vol.8, 2018 (SCI-Expanded)
- XXXVI. **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 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **Redox Regulation and Cancer Therapy**
Yalcin A. S., KARADEMİR B.
CURRENT PHARMACEUTICAL DESIGN, vol.24, no.44, pp.5232-5233, 2018 (SCI-Expanded)
- XXXIX. **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 (SCI-Expanded)
- XL. **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 (SCI-Expanded)
- XLII. **Protective effects of different exercise modalities in an Alzheimer's disease-like model**
Özbeylı D., Sari G., Özkan N., Karademir B., Yüksel M., Kaya Ö. T., Cakir Ö.
BEHAVIOURAL BRAIN RESEARCH, vol.328, pp.159-177, 2017 (SCI-Expanded)
- XLIII. **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 (SCI-Expanded)
- XLIV. **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 (SCI-Expanded)
- XLV. **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 (SCI-Expanded)
- XLVI. **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 (SCI-Expanded)
- XLVII. **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 (SCI-Expanded)
- XLVIII. **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 (SCI-Expanded)
- XLIX. **Endoplasmic reticulum stress related molecular mechanisms in nonalcoholic steatohepatitis**
Bozaykut P., Şahin A., Karademir Yılmaz B., Ozer N.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.157, pp.17-29, 2016 (SCI-Expanded)
- L. **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 (SCI-Expanded)
- L. **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 (SCI-Expanded)
- LI. **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 (SCI-Expanded)

- LII. **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 (SCI-Expanded)
- LIII. **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 (SCI-Expanded)
- LIV. **CD36 as a biomarker of atherosclerosis**
Yazgan B., Ustunsoy S., KARADEMİR B., KARTAL ÖZER N.
FREE RADICAL BIOLOGY AND MEDICINE, vol.75, 2014 (SCI-Expanded)
- LV. **Heat shock proteins and proteasomal degradation in normal and tumor cells**
Betul K., Perinur B., Nesrin K. O.
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- LVI. **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 (SCI-Expanded)
- LVII. **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 (SCI-Expanded)
- LVIII. **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 (SCI-Expanded)
- LIX. **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 (SCI-Expanded)
- LX. **Molecular Function of Tocopherols in Age Related Diseases**
KARADEMİR B., Ozer N.
CURRENT PHARMACEUTICAL DESIGN, vol.20, no.18, pp.3030-3035, 2014 (SCI-Expanded)
- LXI. **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 (SCI-Expanded)
- LXII. **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 (SCI-Expanded)
- LXIII. **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 (SCI-Expanded)
- LXIV. **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 (SCI-Expanded)
- LXV. **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 (SCI-Expanded)
- LXVI. **Cathepsins D and L reduce the toxicity of advanced glycation end products**

- Grimm S, Horlacher M, Catalgol B, Hoehn A, Reinheckel T, Grune T.
FREE RADICAL BIOLOGY AND MEDICINE, vol.52, no.6, pp.1011-1023, 2012 (SCI-Expanded)
- LXVII. **Resveratrol: French paradox revisited**
Catalgol B, BATIREL S., Taga Y., Ozer N.
FRONTIERS IN PHARMACOLOGY, vol.3, 2012 (SCI-Expanded)
- LXVIII. **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 (SCI-Expanded)
- LXIX. **Proteasome and Cancer**
Catalgol B.
THE PROTEASOMAL SYSTEM IN AGING AND DISEASE, vol.109, pp.277-293, 2012 (SCI-Expanded)
- LXX. **Proteasome and Neurodegenerative Diseases**
Catalgol B., Grune T.
THE PROTEASOMAL SYSTEM IN AGING AND DISEASE, vol.109, pp.397-414, 2012 (SCI-Expanded)
- LXXI. **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.
FREE RADICAL BIOLOGY AND MEDICINE, vol.51, no.7, pp.1355-1364, 2011 (SCI-Expanded)
- LXXII. **Cellular Protection and Therapeutic Potential of Tocotrienols**
Catalgol B., Batirel S., Ozer N.
CURRENT PHARMACEUTICAL DESIGN, vol.17, no.21, pp.2215-2220, 2011 (SCI-Expanded)
- LXXIII. **Lipofuscin inhibits the proteasome by binding to surface motifs**
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