

Asst. Prof. FULYA BALABAN YÜCESAN

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya Anabilim Dalı, Turkey 2000 - 2006

Post Graduate, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyokimya Anabilim Dalı, Turkey 1997 - 2000

Under Graduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1991 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Fındığın aterosjenik ve anti-aterojenik parametreler üzerine etkisinin incelenmesi, Karadeniz Technical University, Tıp Fakültesi , Tıbbi Biyokimya Anabilim Dalı, 2006

Post Graduate, genotoxicity studies on newly synthesized retinoids, Middle East Technical University, Fen Fakültesi, Biyoloji, 2000

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Karadeniz Technical University, Tıp Fakültesi , Temel Tıp, 2018 - Continues

Assistant Professor, Karadeniz Technical University, Tıp Fakültesi , Temel Tıp, 2011 - 2018

Advising Theses

BALABAN YÜCESAN F., Koroner Arter Hastalarında MMP-2 ve MMP-9 Düzeyleri ile Tiyol/Disülfid Dengesi Arasındaki İlişkinin İncelenmesi, Post Graduate, E.Nur(Student), 2018

BALABAN YÜCESAN F., Postprandiyal lipemide oksidan-antioksidan durumun belirlenmesi, Post Graduate, M.RAHİMİ(Student), 2014

BALABAN YÜCESAN F., Yüksek yağlı diyetle obezite oluşturulan sıçanlarda n-asetilsisteinin serum ve karaciğer paraoksonaz-1 (pon-1) aktiviteleri üzerine etkisinin incelenmesi, Post Graduate, D.Duman(Student), 2014

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

- I. **Hazelnut consumption improves testicular antioxidant function and semen quality in young and old male rats**
KARA H., Orem A., YULUG E., YUCESAN F., KERIMOGLU G., YAMAN S. ö. , BODUR A., TUREDİ S., ALASALVAR C.
FOOD CHEMISTRY, vol.294, pp.1-8, 2019 (Journal Indexed in SCI)
- II. **Relationship between postprandial lipemia and atherogenic factors in healthy subjects by considering gender differences**
ÖREM A., Yaman S. O. , Altinkaynak B., Kural B., Yucesan F., Altinkaynak Y., ÖREM C.
CLINICA CHIMICA ACTA, vol.480, pp.34-40, 2018 (Journal Indexed in SCI)
- III. **Effects of glutamine on wound healing**
KESICI U., KESICI S., ULUSOY H., YUCESAN F., TURKMEN A. U. , BEŞİR A., TUNA V.
INTERNATIONAL WOUND JOURNAL, vol.12, pp.280-284, 2015 (Journal Indexed in SCI)
- IV. **Evaluation of serum sTWEAK and sCD163 levels in patients with acute and chronic coronary artery disease**
ILTER A., ÖREM C., YUCESAN F., ŞAHİN M., Hosoglu Y., Kurumahmutoglu E., YAMAN S. O. , ÖREM A.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.8, pp.9394-9402, 2015 (Journal Indexed in SCI)
- V. **Is the combined use of insulin resistance indices, including adipokines, more reliable in metabolic syndrome?**
KURAL B., DEĞER O., Erem C., BALABAN YÜCESAN F., ALİYAZICIOĞLU R., Barlak Y.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, pp.1021-1028, 2014 (Journal Indexed in SCI)
- VI. **GSPE is superior to NAC in the prevention of contrast-induced nephropathy: Might this superiority be related to caspase 1 and calpain 1?**
ULUSOY Ş., Özkan G., Mungan S., ÖREM A., YULUĞ E., Alkanat M., YUCESAN F.
LIFE SCIENCES, vol.103, pp.101-110, 2014 (Journal Indexed in SCI)
- VII. **The effects of chronic zoledronate usage on the jaw and long bones evaluated using RANKL and osteoprotegerin levels in an animal model**
CANKAYA M., SENEL F. C. , DUMAN M., MUCI E., Dayisoğlu E. H. , Balaban F.
INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, vol.42, pp.1134-1139, 2013 (Journal Indexed in SCI)
- VIII. **How Does Colistin-Induced Nephropathy Develop and Can It Be Treated?**
Özkan G., ULUSOY Ş., ÖREM A., Alkanat M., Mungan S., YULUĞ E., YUCESAN F.
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.57, pp.3463-3469, 2013 (Journal Indexed in SCI)
- IX. **Hazelnut-enriched diet improves cardiovascular risk biomarkers beyond a lipid-lowering effect in hypercholesterolemic subjects**
ÖREM A., Yucesan F., Orem C., AKÇAN B., Kural B. V. , ALAŞALVAR C., Shahidi F.
JOURNAL OF CLINICAL LIPIDOLOGY, vol.7, pp.123-131, 2013 (Journal Indexed in SCI)
- X. **Lipoprotein-associated phospholipase A2 level in patients with Behcet's disease**
ÖREM A., YAYLI S., Arica D. A. , Akcan B., Yucesan F., BAHADIR S. C.
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, vol.27, 2013 (Journal Indexed in SCI)
- XI. **Sequence Variant in the LPIN1 gene in Patients with Metabolic Syndrome**
KURAL B. V. , DEĞER O., Erem C., YUCESAN F., Barlak Y., Turan I., ALİYAZICIOĞLU R.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, pp.280-285, 2013 (Journal Indexed in SCI)
- XII. **Anti-apoptotic and anti-oxidant effects of grape seed proanthocyanidin extract in preventing cyclosporine A-induced nephropathy**
ULUSOY Ş., Özkan G., YUCESAN F., ERSÖZ Ş., ÖREM A., Alkanat M., YULUĞ E., KAYNAR K., Al S.
NEPHROLOGY, vol.17, pp.372-379, 2012 (Journal Indexed in SCI)
- XIII. **The effect of Grape Seed Proanthocyanidin Extract in Preventing Amikacin-Induced Nephropathy**
ULUSOY Ş., Özkan G., ERSÖZ Ş., ÖREM A., Alkanat M., BALABAN YÜCESAN F., KAYNAR R. K. , S A.

RENAL FAILURE, vol.34, pp.227-234, 2012 (Journal Indexed in SCI Expanded)

- XIV. **Anti-apoptotic and anti-oxidant Effects of Grape Seed Proanthocyanidin Extract in Preventing Cyclosporine A-Induced Nephropathy**
ULUSOY Ş., Özkan G., BALABAN YÜCESAN F., ERSÖZ Ş., ÖREM A., Alkanat M., YULUĞ E., KAYNAR R. K. , Al S.
NEPHROLOGY, vol.17, pp.372-379, 2012 (Journal Indexed in SCI Expanded)
- XV. **Protective Effect of the Grape Seed Proanthocyanidin Extract in a Rat Model of Contrast-Induced Nephropathy**
Özkan G., ULUSOY Ş., ÖREM A., ERSÖZ Ş., ALKANAT M., YUCESAN F., Kaynar K., AL S.
KIDNEY & BLOOD PRESSURE RESEARCH, vol.35, pp.445-453, 2012 (Journal Indexed in SCI)
- XVI. **The Effect of Grape Seed Proanthocyanidin Extract in Preventing Amikacin-Induced Nephropathy**
ULUSOY Ş., Özkan G., ERSÖZ Ş., ÖREM A., ALKANAT M., YUCESAN F., Kaynar K., AL S.
RENAL FAILURE, vol.34, pp.227-234, 2012 (Journal Indexed in SCI)
- XVII. **Effect of Turkish propolis extracts on proteome of prostate cancer cell line**
Barlak Y., DEĞER O., Colak M., Karatayli S. C. , Bozdayi A. M. , Yucesan F.
PROTEOME SCIENCE, vol.9, 2011 (Journal Indexed in SCI)
- XVIII. **The Relationship Between the Peroxisome Proliferator-Activated Receptor Gamma 2 Gene Polymorphism, Lipids and Adipokines in Patients with Major Depression**
ALİYAZICIOĞLU R., DEĞER O., KURAL B. V. , HOCAOĞLU Ç., Colak M., YUCESAN F.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.31, pp.1065-1072, 2011 (Journal Indexed in SCI)
- XIX. **Increased plasma lipoprotein-associated phospholipase A(2) (Lp-PLA(2)) levels are related to good collateral development in patients with isolated left coronary artery disease**
ÖREM C., KAHRAMAN N., ÖREM A., UCAR U., YUCESAN F., MENTEŞE A.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.148, pp.117-119, 2011 (Journal Indexed in SCI)
- XX. **Hazelnut consumption decreases the susceptibility of LDL to oxidation, plasma oxidized LDL level and increases the ratio of large/small LDL in normolipidemic healthy subjects**
Yucesan F., ÖREM A., Kural B. V. , ÖREM C., Turan I.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.10, pp.28-35, 2010 (Journal Indexed in SCI)
- XXI. **Analysis of the Alpha-1-Antitrypsin Deficient Alleles M3S, MZ, and ZZ by Biochemical and Molecular Methods: A Family Study**
CALAPOĞLU M., DEĞER O., BALABAN F., Calapoglu N. S. , BÜLBÜL Y., BURLING K.
BIOCHEMICAL GENETICS, vol.47, pp.33-41, 2009 (Journal Indexed in SCI)
- XXII. **Serum ischaemia-modified albumin increases in critical lower limb ischaemia**
GÜNDÜZ A., MENTEŞE A., TÜREDİ S., KARAHAN S. C. , Mentese U., Eroglu O., Turkmen S., Turan I., Ucar U., Russell R., et al.
EMERGENCY MEDICINE JOURNAL, vol.25, pp.351-353, 2008 (Journal Indexed in SCI)
- XXIII. **HAZELNUT CONSUMPTION PROTECT LOW DENSITY LIPOPROTEIN (LDL) AGAINST OXIDATION AND DECREASE PLASMA OXIDIZED LDL LEVEL**
ÖREM A., BALABAN F., KURAL B., ÖREM C., TURHAN I.
ATHEROSCLEROSIS SUPPLEMENTS, vol.9, pp.215, 2008 (Journal Indexed in SCI)
- XXIV. **Total antioxidant capacity and superoxide dismutase activity levels in serum and gingival crevicular fluid in post-menopausal women with chronic periodontitis**
Baltacioglu E., Akalin F., Alver A., Balaban F., Unsal M. A. , Karabulut E.
JOURNAL OF CLINICAL PERIODONTOLOGY, vol.33, pp.385-392, 2006 (Journal Indexed in SCI)
- XXV. **Genotoxicity studies on benzimidazole retinoids**
Balaban F., Ates-Alagoz Z., Buyukbingol E., Iscan M.
PHARMAZIE, vol.60, pp.861-868, 2005 (Journal Indexed in SCI)

- I. **The increased erythrocyte membrane n-6/n-3 fatty acids ratio and inflammatory markers in patients with psoriasis**
ÖZER YAMAN S., ÖREM A., BALABAN YÜCESAN F., YAYLI S., Ozturk S., Bahadir S.
INDIAN JOURNAL OF RHEUMATOLOGY, vol.14, pp.283-289, 2019 (Journal Indexed in ESCI)
- II. **Neurocognitive Functions in Infants with Malnutrition; Relation with Long-chain Polyunsaturated Fatty Acids, Micronutrients Levels and Magnetic Resonance Spectroscopy**
ÇAKIR M., Senyuva S., Kul S., Sag E., Cansu A., Yucesan F., Yaman S. O. , ÖREM A.
PEDIATRIC GASTROENTEROLOGY HEPATOLOGY & NUTRITION, vol.22, pp.171-180, 2019 (Journal Indexed in ESCI)
- III. **Postprandial Lipemide Serum Paraoksonaz 1 (PON1) Aktivitelerinin İncelenmesi**
ALTINKAYNAK Y., ÖREM A., AKCAN B., KURAL B., BALABAN YÜCESAN F., ÖREM C.
Acta Medica Alanya, vol.3, pp.3-11, 2019 (Other Refereed National Journals)

Books & Book Chapters

- I. **Lipid Metabolizması**
ÖREM A., KURAL B., BALABAN YÜCESAN F.
in: Sorularla Konu Anlatımlı Tıbbi Biyokimya, Prof.Dr. Dildar KONUKOĞLU, Editor, Nobel Tıp Kitapevleri, pp.205-232, 2018
- II. **Lipidler: Yapı ve Fonksiyon**
ÖREM A., KURAL B., BALABAN YÜCESAN F.
in: Sorularla Konu Anlatımlı Tıbbi Biyokimya, Konukoğlu D, Andican ZG, Uzun H, Editor, Nobel Tıp Kitapevleri, pp.111-119, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Grape Seed proantosiyanın Extract'ın Siklosporin Nefropatisini Önlemedeki Antiapoptotik ve Antioksidan Etkisi**
Özkan G., ULUSOY Ş., BALABAN YÜCESAN F., Alkanat M., ERSÖZ Ş., ÖREM A., YULUĞ E., KAYNAR R. K. , Cansız M., Al S.
28. Ulusal Nefroloji, Hipertansiyon, Diyaliz ve Transplantasyon Kongresi, Antalya, Turkey, pp.1
- II. **Kontrast Madde Nefropatisini Önlemede Grape Seed Proanthocyanidin Extract'ın Etkisi**
Özkan G., ULUSOY Ş., ÖREM A., ERSÖZ Ş., Alkanat M., BALABAN YÜCESAN F., KAYNAR R. K. , Al S.
13. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, Antalya, Turkey, pp.1
- III. **RELATIONSHIP BETWEEN LDL SUBFRACTIONS AND POSTPRANDIAL LIPEMIA IN HEALTHY SUBJECTS**
ÖREM A., Yaman S. O. , ALTINKAYNAK B., Kural B., Yucesan F., ALTINKAYNAK Y., ÖREM C.
85th Congress of the European-Atherosclerosis-Society (EAS), Prague, Czech Republic, 23 - 26 April 2017, vol.263
- IV. **SOLUBLE TUMOR NECROSIS FACTOR-LIKE WEAK INDUCER OF APOPTOSIS AND SOLUBLE CD163 LEVELS IN PATIENTS WITH BEHCET'S DISEASE**
Yucesan F., ÖREM A., ARICA D. A. , ALTINKAYNAK B., akşan B., Yaman S. O. , KURAL B., Bahadir S.
85th Congress of the European-Atherosclerosis-Society (EAS), Prague, Czech Republic, 23 - 26 April 2017, vol.263
- V. **Kronik Koroner Arter ve Akut Koroner Sendrom Hastalarında Serum Proprotein Konvertaz Furin Düzeyleri**
BALABAN YÜCESAN F., ÖREM A., ÖREM C., İLTER A., ÖZER YAMAN S., YAMAN H., ALTINKAYNAK B.
LAB EXPO 2016, Trabzon, Turkey, 27 September - 01 October 2016
- VI. **Determination of oxidant-antioxidant status at postprandial lipemia**
RAHIMI M., Yucesan F., KARA H., ÖREM A., Altinkaynak B. A. , KURAL B., Yaman S. O. , ALTINKAYNAK Y., ÖREM C.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.394
- VII. **Investigation of relationship between postprandial lipemia and erythrocyte membrane cholesterol**

level

KÖR S., ÖREM A., Altinkaynak B. A. , KURAL B., Yucesan F., SEN T. M. , Yaman S. O. , ÖREM C.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.173

VIII. **The effects of N-acetylcysteine on microsomal and serum paraoxonase 1 activities at high fat diet induced obese rats**

DUMAN D., Yucesan F., Yaman S. O. , Kahraman C., ALVER A., Canpolat S., ÖREM A.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.393

IX. **Fındığın Hiperkolesterolemik Kişilerde Glutatyon Redüktaz- Peroksidaz Seviyelerine Etkisi**

MAZLUM ŞEN T., kara h., BALABAN YÜCESAN F., ÖREM A., ÖREM C., akcan altinkaynak b., KURAL B.

27. ulusal biyokimya kongresi, Antalya, Turkey, 3 - 06 November 2015, vol.40, no.1, pp.336

X. **Hazelnut-enriched diet improves oxidantantioxidant status beyond a lipid-lowering effect in hypercholesterolemic subjects**

MAZLUM ŞEN T., ÖREM A., BALABAN YÜCESAN F., ÖREM C., KURAL B., akcan altinkaynak b.

5th International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels, Isparta, Turkey, 9 - 12 September 2014, vol.6, no.1, pp.331-332

XI. **Detection of anti-CA II antibodies in patients with rheumatoid arthritis and endometriosis**

Mentese A., Keha E. E. , Alver A., Cakirbay H., Serdaroglu M., Cengiz S., Balaban F.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.319-320

Supported Projects

ÖREM A., ÖZER S., TÜREDİ S., BODUR A., KARA H., YULUĞ E., KERİMOĞLU G., BALABAN YÜCESAN F., Project Supported by Higher Education Institutions, Fındık Tüketiminin Erkek Sıçanların Üreme Sisteminde Doksorubisin ve Yaşlanmayla Uyarılan Oksidatif Strese Etkisinin İncelenmesi, 2015 - 2018

Citations

Total Citations (WOS):372

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