

Assoc. Prof. Emine Dıraman

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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1988 - 1994

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1985 - 1988

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1982 - 1985

Dissertations

Doctorate, Aspirin ve Antioksidantların(Butylated Hydroxyanisole ve Askorbik Asit) Farelerde(Mus musculus)

Benzo(a)pyrene Hidroksilaz Aktivitesi Üzerine Etkiler, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 1994

Research Areas

Life Sciences, Biochemistry, Biomolecules, Enzymology, Molecular Biochemistry, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2012 - Continues

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1995 - 2014

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 1986 - 1995

Academic and Administrative Experience

Ondokuz Mayıs University, 2001 - 2009

Courses

Vitaminler ve Etki Mek., Undergraduate, 2022 - 2023
Biyokimya, Undergraduate, 2020 - 2021
Bağıışıklığın Temelleri, Undergraduate, 2011 - 2012
Toksikoloji, Undergraduate, 2012 - 2013, 2011 - 2012
Enzimatik Regölasyon, Undergraduate, 2011 - 2012
İnsan Anatomisi, Undergraduate, 2011 - 2012
Hücrelerin Mole. Biyo., Postgraduate, 2011 - 2012
Biyokimya I Lab, Undergraduate, 2011 - 2012, 2010 - 2011
Biyokimya II , Undergraduate, 2010 - 2011, 2009 - 2010
Protein Biyokimyası, Postgraduate, 2010 - 2011
Biyokimya II Lab, Undergraduate, 2010 - 2011, 2009 - 2010
Biyokimya I, Undergraduate, 2010 - 2011
Enzimatik Regölasyon, Postgraduate, 2010 - 2011, 2009 - 2010
Çevrimsel AMP Met, Postgraduate, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of Guaiazulene on Lipid Peroxidation and Antioxidant Defense System in *Drosophila melanogaster***
Diraman E., Ayyıldız M.
Polish Journal of Environmental Studies, vol.32, no.4, pp.3535-3544, 2023 (SCI-Expanded)
- II. **A comparison of gingival depigmentation by Er:YAG laser and Kirkland knife: osmotic pressure and visual analog scale**
Ipek H., KIRTILOĞLU T., Diraman E., Acikgoz G.
Journal of Cosmetic and Laser Therapy, vol.21, no.4, pp.209-212, 2019 (SCI-Expanded)
- III. **The effect of mesenchymal stem cells and sildenafil on flap viability in perforator-based flaps for ischemia/reperfusion injury: An experimental study**
Kelahmetoglu O., Demir R., Okten G., Demir A., Alpaslan Pinarli F., Diraman E.
MICROSURGERY, vol.36, no.5, pp.402-409, 2016 (SCI-Expanded)
- IV. **Osmotic pressure of gingiva in periodontitis: Correlation with gingival proinflammatory cytokine production and alveolar bone destruction**
Lütfioğlu M., Sakallioğlu E. E., Sakallioğlu N. U., Çiftci G., Diraman E.
JOURNAL OF DENTAL SCIENCES, vol.6, no.1, pp.19-24, 2011 (SCI-Expanded)
- V. **Dietary-Induced Hyperparathyroidism Affects Serum and Gingival Proinflammatory Cytokine Levels in Rats**
Lütfioğlu M., Sakallioğlu N. U., Sakallioğlu E. E., Diraman E., Çiftci G., Tutkun F.
JOURNAL OF PERIODONTOLOGY, vol.81, no.1, pp.150-157, 2010 (SCI-Expanded)
- VI. **Comparison of aspirin's antioxidant effect with selenium and vitamin E by measuring mitochondrial selenium dependent glutathione peroxidase and cytosolic total glutathione peroxidase activity in mice liver**
Çebi A., Diraman E., Eren Z.
Asian Journal of Chemistry, vol.21, no.2, pp.1359-1364, 2009 (SCI-Expanded)
- VII. **Local peptidergic innervation of gingiva in smoking and non-smoking periodontitis patients**
Sakallioğlu E. E., Lütfioğlu M., Sakallioğlu N. U., Diraman E., Pamuk F., Odyakmaz S.
JOURNAL OF PERIODONTOLOGY, vol.79, no.8, pp.1451-1456, 2008 (SCI-Expanded)
- VIII. **Fluid dynamics of gingiva in diabetic and systemically healthy periodontitis patients**
Sakallioğlu E. E., Luetfioglu M., Sakallioğlu N. U., Diraman E., Keskiner I.
ARCHIVES OF ORAL BIOLOGY, vol.53, no.7, pp.646-651, 2008 (SCI-Expanded)
- IX. **The effect of glucose-insulin-potassium treatment on myocardial oxidative stress in patients with acute coronary syndromes undergoing percutaneous coronary intervention**

Demircan S., Yazici M., Diraman E., Demircan G., Kilicaslan F., Durna K., Acar Z., Eren Z.

CORONARY ARTERY DISEASE, vol.19, no.2, pp.99-104, 2008 (SCI-Expanded)

- X. **Levels of gingival tissue platelet activating factor after conventional and regenerative periodontal surgery**

Keles G. C., Cetinkaya B. O., Ayas B., İŞILDAK İ., Diraman E., Koprulu H., Acikgoz G.

CLINICAL ORAL INVESTIGATIONS, vol.11, no.4, pp.369-376, 2007 (SCI-Expanded)

- XI. **Influence of diabetes on critical flaps based on the vascular axis of a sensory nerve**

Demir A., Karacalar A., Diraman E., Simsek T., Korkmaz A., Sakallioğlu E.

SCANDINAVIAN JOURNAL OF PLASTIC AND RECONSTRUCTIVE SURGERY AND HAND SURGERY, vol.41, no.1, pp.22-25, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of Alpha-Lipoic Acid on Polyphenol Oxidase Activity in Small Intestine Tissue of Rats Treated with Acitretin - Methotrexate Combination**

SEZGİN F. G., TORUNOĞLU E. İ., DIRAMAN E.

Doğu Karadeniz Sağlık Bilimleri Dergisi, vol.1, no.3, pp.28-37, 2022 (Peer-Reviewed Journal)

- II. **Rat Beyin Dokusunda Asitretin - Metotreksat Kombinasyonunun ve A-Lipolik Asit'in Polifenol Oksidaz Aktivitesi Üzerine Etkileri**

SEZGİN F. G., DIRAMAN E., TORUNOĞLU E. İ.

Avrupa Bilim ve Teknoloji Dergisi, no.37, pp.165-169, 2022 (Peer-Reviewed Journal)

- III. **Karaciğerde Detoksifikasyon**

DIRAMAN E., SEZGİN F. G., ÇEBİ A.

Avrupa Bilim ve Teknoloji Dergisi, no.32, pp.1156-1161, 2021 (Peer-Reviewed Journal)

- IV. **Current approaches to the use of artificial sweetener aspartame**

SOLMAZ F. G., DIRAMAN E., SEZGİN B.

GSC Biological and Pharmaceutical Sciences, no.14, pp.36-41, 2021 (Peer-Reviewed Journal)

- V. **Effect of different combinations of alpha lipoc acid, acitretin and methotrexate on malondialdehyde levels in the kidney tissues of rats**

BOZ B., DIRAMAN E., SOLMAZ F. G.

Bulletin of Biotechnology, vol.1, no.1, pp.8-12, 2020 (Peer-Reviewed Journal)

- VI. **The investigation of the effect of alpha lipoic acid on lung polyphenol oxidase activity in acitretin and methotrexate given rats**

Athoumani Ali S., DIRAMAN E., SOLMAZ F. G.

Bulletin of Biotechnology, vol.1, no.1, pp.19-22, 2020 (Peer-Reviewed Journal)

- VII. **The Effect of Nicotine and Melatonin on Kidney Antioxidant Enzyme Activities in Mice**

DIRAMAN E., Kesici B., Solmaz G.

Journal of Current Researches on Health Sector, vol.8, no.2, pp.103-108, 2018 (Peer-Reviewed Journal)

- VIII. **The Effect of Nicotine and Melatonin on Kidney Antioxidant Enzyme Activities in Mice**

DIRAMAN E., kesici b., SOLMAZ F. G.

Journal of Current Researches on Health Sector, 2018 (Peer-Reviewed Journal)

- IX. **Effects of aspirin on oxidative and nitrosative stress in vascular endothelial cell cultures**

Demircan G., Diraman E., Miroğlu Y. Y., Demircan S., Yazıcı Z., Coban A. Y., Yıldırım T., Bilir A.

Journal of Experimental and Clinical Medicine (Turkey), vol.33, no.3, pp.129-137, 2016 (Scopus)

- X. **Effect of aspirin on oxidative and nitrosative stress in vascular endothelial cell culture**

Demircan G., Diraman E., Yılmaz Miroğlu Y., Demircan S., Yazıcı Z., Çoban A. Y., Yıldırım T., Bilir A.

Journal of Experimental and Clinical Medicine, vol.33, no.3, pp.129-137, 2015 (Peer-Reviewed Journal)

- XI. **Effect of glucose-insulin-potassium infusion on Oxidative stress in patients with dilated cardiomyopathy**

Diraman E., Demircan G., Demircan S., Yazici M., Durna K., Ural F., Eren Z.

Experimental and Clinical Cardiology, vol.13, no.2, pp.79-84, 2008 (Scopus)

XII. The role of oxidative stress in heart diseases

Demircan G., Diraman E., Demircan S.

TURK KARDIOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.33, no.8, pp.488-492, 2005 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. ÖĞRENMENİN MOLEKÜLER BİYOLOJİSİ

EREN B., EREN Z., Ertekin M., DIRAMAN E., SEZGİN F. G., Ertekin O.

7. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 19 - 22 May 2022

II. The Investigation of The Effect of Alpha Lipoic Acid on Superoxide Dismutaz Activity in Acitretin and Methotrexate Given Rats

Athoumani Ali S., DIRAMAN E., SEZGİN F. G.

6.Uluslararası Öğrenci Sempozyumu, Sakarya, Turkey, 5 - 06 December 2021, pp.184-195

III. Karaciğerde Detoksifikasyon

ÇEBİ A., DIRAMAN E., SEZGİN F. G.

RDCONF 21 International Design, Research&Development, 15 December 2021

IV. HEPATOTOXICITY AND DETOXIFICATION OF ISONIAZID AND RIFAMPICIN

Yazıcı E., DIRAMAN E., SEZGİN F. G., EREN B., EREN Z.

5. ULUSLARARASI 19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİ, Samsun, Turkey, 19 May 2021, pp.112-116

V. CYTOKINE and CYTOKINE STORM

EREN B., SEZGİN F. G., DIRAMAN E., EREN Z.

5. INTERNATIONAL 19 MAY INNOVATIVE SCIENTIFIC APPROACHES CONGRESS, Samsun, Turkey, 19 May 2021, pp.230-237

VI. BEYİN DOKUSUNDA OKSİDATİF STRES VE OKSİDATİF STRESİN OLUŞTURDUĞU HASARLAR

Başar O., DIRAMAN E., SEZGİN F. G.

CUKUROVA 6th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE 5 - 6 March 2021 / Adana, TURKEY, Adana, Turkey, 5 - 06 March 2021, pp.757-764

VII. cAMP KANSER İLİŞKİSİ

SEZGİN F. G., DIRAMAN E., SEZGİN B.

1th INTERNATIONAL SCIENCE RESEARCH AND INNOVATION CONGRESS, Kazakhstan, 13 - 14 March 2021, pp.99-104

VIII. GENEL BAKIŞLA ŞAPERON PROTEİNLER CHAPERONE PROTEINS AT OVERVIEW

DEMİR R., DIRAMAN E.

EUROASIA SUMMIT Congress on Scientific Researches and Recent Trends-7, Baku, Azerbaijan, 6 - 09 December 2020, pp.209-213

IX. Akciğer Dokusunda Oksidatif Stres ve Antioksidan Savunma Sistemleri

ATHOUMANI ALI S., DIRAMAN E., SOLMAZ F. G.

2. Uluslararası 19 Mayıs Yenilikçi Bilimsel Yaklaşımlar Kongresi, Samsun, Turkey, 27 - 29 December 2019, pp.866-873

X. Developments in the treatment of diseases caused by disruption in cell signal pathways

İplikçioğlu S., SOLMAZ F. G., DIRAMAN E.

International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018, pp.136

XI. Drosophila melanogaster as A MODEL ORGANISM AND ITS USAGE IN MOLECULAR BIOLOGY

Şahinkaya Ayyıldız M., DIRAMAN E., SOLMAZ F. G.

EurasianSciEnTech 2018, Ankara, Turkey, 22 - 23 November 2018, pp.2714-2719

XII. Cancer and junctional complexes

EREN B., DIRAMAN E., SOLMAZ F. G., EREN Z.

International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018, pp.1948-1954

XIII. EFFECT OF METHOTREXATE ON LIVER, KIDNEY AND GONADS

BOZ B., DIRAMAN E., SOLMAZ F. G., SADİGH S.

2nd International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, pp.7-10

XIV. Kök Hücre

DEMİR R., DIRAMAN E.

2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018

XV. Investigation of the effects of Guaiazulene on MDA amount and phenoloxidase enzyme activity in *Drosophila melanogaster*

Şahinkaya M., DIRAMAN E., SOLMAZ F. G.

International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018, pp.102

XVI. Investigation of the Effects of Coenzyme Q on the Activities of Liver Free Radical Scavenging Enzymes in Taxol Given Mice

ÇOKŞEN G., DIRAMAN E., SOLMAZ F. G.

INTERNATIONAL CONGRESS OF HEALTH AND ENVIRONMENT, 23 October 2017 - 25 January 2018

XVII. CRITICAL MOLECULES . "ANTIOXIDANTS"

SOLMAZ F. G., DIRAMAN E., EREN B., EREN Z.

INTERNATIONAL CONGRESS OF HEALTH AND ENVIRONMENT, 23 - 25 October 2017

XVIII. The Effect Of Mesenchymal Stem Cells And Sildenafil On Flap Viability In Perforator Based Flaps For Ischemia/Reperfusion Injury: An Experimental Study

KELAHMETOĞLU O., DEMİR R., ÖKTEN G., DEMİR A., DIRAMAN E.

9th congress of world society for reconstructive microsurgery, 14 - 17 July 2017

XIX. The Determination of the cyp2c19 Gene Polymorphism in Stent Insert Patients

EKİNCİ Y., DIRAMAN E.

VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, vol.2, pp.122

XX. Effects of aspirin on oxidative and nitrosative stress in vascular endothelial cell cultures

DEMİRCAN G., DIRAMAN E., YILMAZ MİROĞLU Y., DEMİRCAN S., YAZICI Z., ÇOBAN A. Y., YILDIRIM T., BİLİR A.

1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016

XXI. The effect of bone marrow mesenchymal stem cell application caspase 3 enzyme in rats with crushed muscle damaged

DIRAMAN E., KARAÖZ E.

1st International Cell Death Research Congress, İzmir, Turkey, 07 May 2016, vol.41

XXII. The Effect of Bone Marrow Mesenchymal Stem Cell Application on Caspase 3 Enzyme in Rats With Crushed Muscle Damage.

DEMİR R., DIRAMAN E., KARAÖZ E.

1st International Cell Death Research Congress, 4 - 07 May 2016, pp.117

XXIII. The Effect of Bone Marrow Mesenchymal Stem Cell Application on Antioxidant Enzymes in Rats with Crushed Muscle Damage.

DEMİR R., DIRAMAN E., KARAÖZ E., KARA N.

2nd International Congress on Stem Cell and Cellular Therapies (ICSCCT), 15 - 18 October 2015, pp.190

XXIV. The effect of bone marrow mesenchymal stem cell application on antioxidant enzymes in rats with crushed muscle damage

Demir R., DIRAMAN E., Karaöz E., KARA N., EREN Z.

2nd International Congress on Stem Cell and Cellular Therapies, Antalya, Turkey, 15 - 18 October 2015

XXV. Sendrom X ve yavaş koroner akım fenomeninde antioksidan enzim düzeyleri ve egzersizin etkisi

KAPLAN Ö., MERİÇ M., acar z., kale a., DEMİRCAN S., YILMAZ Ö., DIRAMAN E., DEMİRCAN G., yılmaz miroğlu y.

26. Ulusal Kardiyoloji Kongresi, Turkey, 21 - 24 October 2010

- XXVI. **Perforator Bazlı Fleplerde İskemi Reperfüzyon Hasarına Mezenkimal Kök Hücre ve Sildenafil Flep Yaşayabilirliğine Etkisi**
KELAHMETOĞLU O., ökten g., pINARLI ALPASLAN F., DEMİR A., Demir r., GÜVENÇ T., DIRAMAN E.
. 1st Stem Cell Symposium with International Participation., Samsun, Turkey, 29 September - 01 October 2010
- XXVII. **Aspirinin Karaciğer Mn SOD ve Total SOD Aktiviteleri Üzerine Etkisinin Karşılaştırmalı Olarak Araştırılması**
EREN Z., SOLMAZ F. G., DIRAMAN E., EREN B., Atagün G., Gürkanlı İ., DEMİREL B., DEMİRCAN G., Yılmaz Y.
21. Ulusal Biyokimya Kongresi, Turkey, 28 - 31 October 2009
- XXVIII. **Şaparon Proteinler**
DEMİR R., DIRAMAN E.
19. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2008
- XXIX. **Hiperparatiroidizmin Sağlıklı Ve Hastalıklı Periodonsiyumda Dişeti IL 1b Ve TNF a Düzeylerine Etkisi**
Influence Of Hyperparathyroidism On The Gingival IL 1b And TNF a Levels Of Healthy And Diseased Periodontium
LÜTFİOĞLU M., SAKALLIOĞLU E. E., SAKALLIOĞLU N. U., DIRAMAN E., ÇİFTÇİ G., PAMUK F.
Türk Periodontoloji Derneği 37. Bilimsel Kongresi, Antalya, Turkey, 23 - 27 May 2007
- XXX. **Akut koroner sendromlu hastalarda yapılan perkütan koroner girişimlerin miyokardiyal oksidatif stres üzerine etkisive GIK kullanımının önemi**
DEMİRCAN S., YAZICI M., DIRAMAN E., DEMİRCAN G., ACAR Z., DURNA K., EREN Z., ŞAHİN M.
XXII. Ulusal Kardiyoloji Kongresi, Turkey, 24 - 28 November 2006, vol.34
- XXXI. **Glukoz-insülin-potasyum (gik) infüzyonu uygulanmış dilate kardiyomiyopatili hastalarda radikal süpürücü enzim aktivitelerinin araştırılması**
DIRAMAN E., DEMİRCAN G., YAZICI M., DEMİRCAN S., URAL F., DURNA K., GÜLEL O., ŞAHİN M., EREN Z.
XXI. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 November 2005

Supported Projects

Diraman E., Project Supported by Higher Education Institutions, Asitretin ve Metotreksat Etken Maddelerinin ve ?-Lipoik asitin Rat Böbrek Dokusunda Süperoksit Dismutaz ve Mangan Süperoksit Dismutaz Aktivitelerine Etkilerinin Araştırılması, 2019 - 2020

Diraman E., Project Supported by Higher Education Institutions, Asitretin ve Metotreksat Verilmiş Ratlarda ?- Lipoik Asit Kullanımının Oksidatif Stres Enzim Aktivitelerinin Üzerine Etkisinin Araştırılması, 2018 - 2020

Diraman E., Project Supported by Higher Education Institutions, Guaiazulenenin Drosophila melanogaster Antioksidan Savunma Sistemi ve Lipit Peroksidasyonu Üzerine Etkilerinin Araştırılması, 2018 - 2019