

Assoc. Prof. EMRE DURMAZ

Personal Information

Office Phone: [+90 312 202 3081](tel:+903122023081)

Email: edurmaz@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/edurmaz>

International Researcher IDs

ScholarID: EOIId74oAAAAJ

ORCID: 0000-0003-2239-1762

Publons / Web Of Science ResearcherID: F-8526-2015

ScopusID: 15128841500

Yoksis Researcher ID: 134064

Education Information

Undergraduate, Istanbul University, Open And Distance Education Faculty, Distance Education Programs, Turkey 2020 - Continues

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Turkey 2003 - 2009

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1996 - 2000

Dissertations

Doctorate, Afşin-Elbistan Termik Santrali çevresinde yaşayan bireylerde termik santralden kaynaklanan toksik maddelere maruziyete bağlı olası genotoksik risklerin comet ve kromozom aberasyonu yöntemleriyle saptanması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), 2009

Postgraduate, Parasetamol ile oluşturulan oksidatif DNA baz hasarının gaz kromatografisi-kütle spektrometrisi tekniği ile araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), 2003

Research Areas

Pharmaceutical Toxicology

Academic Titles / Tasks

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2019 - Continues

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2001 - 2019

Academic and Administrative Experience

Vice Dean, Gazi University, Eczacılık Fakültesi, 2022 - 2023

Courses

Sporada Performans Arttrıcılar ve Güvenliği, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

Farmasötik Toksikoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmasötik Toksikoloji Uygulama, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Spor Alanında Eczacılık, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Advising Theses

Durmaz E., QUANTITY DETERMINATION AND TOXICOLOGICAL EVALUATION OF PYRROLIZIDINE ALKALOIDS IN SUPPLEMENTARY FOODS AND HERBAL TEA, Postgraduate, M.Nisa(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of cholesterol loaded cyclodextrin on semen cryopreservation of Aksaray Malakli shepherd dogs of different ages**
İNANÇ M. E., TEKİN K., OLĞAÇ K. T., Yılmaz B., ÇİL B., TAŞDEMİR U., TUNCER P. B., BÜYÜKLEBLEBİCİ S., DURMAZ E., UYSAL O.
ANIMAL REPRODUCTION SCIENCE, vol.193, pp.191-200, 2018 (SCI-Expanded)
- II. **Metal pollution in biotic and abiotic samples of the Buyuk Menderes River, Turkey**
DURMAZ E., KOCAGÖZ R., Bilacan E., ORHAN H.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.24, no.5, pp.4274-4283, 2017 (SCI-Expanded)
- III. **CAN LINOLEIC ACID IMPROVE THE QUALITY OF FROZEN THAWED BULL SPERM?**
Buyukleblebici S., TAŞDEMİR U., Tuncer P. B., DURMAZ E., Ozgurtas T., Buyukleblebici O., Coskun E., GÜRCAN İ. S.
CRYOLETTERS, vol.35, no.6, pp.473-481, 2014 (SCI-Expanded)
- IV. **Comparison of Cryoprotective Effects of Lycopene and Cysteamine in Different Cryoprotectants on Bull Semen and Fertility Results**
Tuncer P. B., Buyukleblebici S., Eken A., Tasdemir U., DURMAZ E., Buyukleblebici O., Coskun E.
REPRODUCTION IN DOMESTIC ANIMALS, vol.49, no.5, pp.746-752, 2014 (SCI-Expanded)
- V. **Comparing ethylene glycol with glycerol and with or without dithiothreitol and sucrose for cryopreservation of bull semen in egg-yolk containing extenders**
Buyukleblebici S., Tuncer P. B., BUCAK M. N., TAŞDEMİR U., EKEN A., Buyukleblebici O., DURMAZ E., Sanozkan S., ÜNLÜ ENDİRLİK B.
CRYOBIOLOGY, vol.69, no.1, pp.74-78, 2014 (SCI-Expanded)
- VI. **The Comparison of Three Different Cryoprotectants in Cryopreservation of Angora Goat Semen**
Buyukleblebici S., Tuncer P. B., TAŞDEMİR U., Ozgurtas T., DURMAZ E., Buyukleblebici O.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.20, no.4, pp.613-619, 2014 (SCI-Expanded)
- VII. **Effects of Various Antioxidants on Cryopreserved Bull Sperm Quality**
Tasdemir U., Tuncer P. B., Buyukleblebici S., Ozgurtas T., DURMAZ E., Buyukleblebici O.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.20, no.2, pp.253-258, 2014 (SCI-Expanded)
- VIII. **EFFECTS OF SMOKING DURING PREGNANCY ON DNA DAMAGE AND ROS LEVEL CONSEQUENCES IN MATERNAL AND NEWBORNS' BLOOD**
Aydogan U., DURMAZ E., Ercan C. M., Eken A., ULUTAŞ O. K., Kavuk S., Gursel O., Alanbay I., Akay C., Kurekci A. E., et al.
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.64, no.1, pp.35-46, 2013 (SCI-Expanded)
- IX. **Assessment of Individual Susceptibility to Baseline DNA and Cytogenetic Damage in a Healthy Turkish Population: Evaluation with Lifestyle Factors**
KADIOĞLU E., Kocabas N. A., Demircigil G., Coskun E., Ozcagli E., DURMAZ E., KARAHALİL B., BURGAZ S., Sardas S.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, no.10, pp.1157-1164, 2012 (SCI-Expanded)
- X. **An in vivo assessment of the genotoxic potential of bisphenol A and 4-tert-octylphenol in rats**

ULUTAŞ O. K., Yildiz N., DURMAZ E., Ahabab M. A., BARLAS N., ÇOK İ.

ARCHIVES OF TOXICOLOGY, vol.85, no.8, pp.995-1001, 2011 (SCI-Expanded)

- XI. **Polychlorinated Biphenyl and Organochlorine Pesticide Levels in Human Breast Milk from the Mediterranean city Antalya, Turkey**
ÇOK İ., Yelken C., DURMAZ E., Uner M., Sever B., Satir F.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.86, no.4, pp.423-427, 2011 (SCI-Expanded)
- XII. **Evaluation of DNA Damage in Common Carp (Cyprinus carpio L.) by Comet Assay for Determination of Possible Pollution in Lake Mogan (Ankara)**
ÇOK İ., ULUTAŞ O. K., Okusluk O., DURMAZ E., Demir N.
THE SCIENTIFIC WORLD JOURNAL, vol.11, pp.1455-1461, 2011 (SCI-Expanded)
- XIII. **Determination of possible genotoxic risks related to toxic substances resulted from coal plant in individuals residing Afsin-Elbistan thermal power plant area via comet assay**
Durmaz E., ULUTAŞ O. K., Cok İ.
TOXICOLOGY LETTERS, vol.196, 2010 (SCI-Expanded)
- XIV. **Determination of organochlorine pesticide and polychlorinated biphenyl levels in adipose tissue of infertile men**
ÇOK İ., Durmaz T. C., DURMAZ E., Satiroglu M. H., Kabukcu C.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.162, pp.301-309, 2010 (SCI-Expanded)
- XV. **Genotoxicity of Anti-Tumor Necrosis Factor Therapy in Patients With Juvenile Idiopathic Arthritis**
Demirkaya E., ÇOK İ., DURMAZ E., ULUTAŞ O. K., AKTAY AYAZ N., Besbas N., ÖZEN S.
ARTHRITIS CARE & RESEARCH, vol.62, no.1, pp.73-77, 2010 (SCI-Expanded)
- XVI. **β2 adrenoceptor (ADRB2) pharmacogenetics and cardiovascular phenotypes during laryngoscopy and tracheal intubation**
Kaymak C., Kocabas N. A., Durmaz E., Oztuna D.
International Journal of Toxicology, vol.25, no.6, pp.443-449, 2006 (SCI-Expanded)

Books & Book Chapters

- I. **Memeli SiyoNojen Klorür İnhalasyon Letalitesinin Allomertrik Modellemesi**
DURMAZ E.
in: Kimyasal Savaş Toksikolojisi, , Editor, EMA TIP KİTAPEVİ, pp.265-306, 2021
- II. **Böbreğin Toksik Hasarı**
DURMAZ E.
in: Casarett Doull s Toksikolojinin Temelleri, Sinan Süzen, Onur Erdem, Pınar Erkekoğlu, Gonca Çakmak, Ahmet Oğuz Ada, Bulut Demirel, Editor, Ankara Nobel Tıp, pp.209-222, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Quantity Determination and Toxicological Evaluation of Pyrrolizidine Alkaloids in Supplementary Foods and Herbal Tea**
DURMAZ E., GÜRBÜZ M. N. S., AYSAL A. İ.
11. Uluslararası Türk Toksikoloji Derneği Kongresi, Turkey, 02 November 2022
- II. **Novel Selective Adsorption and Photodegradation of BPA by Molecularly Imprinted Modified Titanium Dioxide Particles in Water Samples**
Koç Keşir M., Durmaz E., Yılmaz H.
16th Nanoscience and Nanotechnology Conference, Ankara, Turkey, 05 September 2022, pp.384
- III. **PIROLİZİDİN ALKALOİDLERİNİN BİTKİ ÇAYLARINDA LC-MS Q-TOF YÖNTEMİ İLE TESPİTİ**
Gürbüz M. N. S., AYSAL A. İ., DURMAZ E.

Gevher Nesibe 6. Uluslararası Sağlık Bilimleri Kongresi, Ankara, Turkey, 13 November 2020, pp.234-242

- IV. **Improvement of DNA Integrity in Dog Semen Treated with Different Level of Cholesterol Loaded Cyclodextrin**
İNANÇ M. E., TEKİN K., OLĞAÇ K. T., YILMAZ B., DURMAZ E., TAŞDEMİR U., TUNCER P. B., BÜYÜKLEBLEBİCİ S., UYSAL O.
68. Annual Meeting of European Federation of Animal Science, September, 2017, Tallinn, Estonia, Talin, Armenia, 28 August - 01 September 2017, pp.431
- V. **Fluorescein staining of Aksaray Malaklı Shepherd Turkish Mastiff semen treated with different level of cholesterol loaded cyclodextrin**
UYSAL O., İNANÇ M. E., yılmaz b., TEKİN K., olgac k. t., alemdar h., akkurt m. y., temizkan m. c., ÖZEN D., TAŞDEMİR U., et al.
ICAR 2016, France, 26 - 30 June 2016, pp.195
- VI. **Effect of age on semen freezability of aksaray malakli shepherd dog Turkish Mastiff**
Tekin K., İNANÇ M. E., OLĞAÇ K. T., Yılmaz B., Akkurt M. Y., Temizkan M. C., KAYA U., TUNCER P. B., TAŞDEMİR U., BÜYÜKLEBLEBİCİ S., et al.
CRYO2015, 26 - 29 July 2015, vol.71, pp.569
- VII. **Metal pollution in biotic and abiotic samples of the Büyük Menderes River**
DURMAZ E., KOCAGÖZ R., Bilacan E., ORHAN H.
9th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY WITH PARTICIPATION OF THE HELLENIC SOCIETY OF TOXICOLOGY, 21 - 24 November 2015, pp.48
- VIII. **Effects of Lycopene and Cysteamine on Bull Sperm Quality DNA Integrity Oxidative Stress Parameters and Fertility Results**
TAŞDEMİR U., BÜYÜKLEBLEBİCİ S., BÜYÜKLEBLEBİCİ O., TUNCER P. B., DURMAZ E.
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 October 2015, pp.209
- IX. **Efficiency of Dithiothreitol and Sucrose on Bull Semen Cryopreservation**
TUNCER P. B., BÜYÜKLEBLEBİCİ O., BÜYÜKLEBLEBİCİ S., TAŞDEMİR U., DURMAZ E.
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 September 2015, pp.208
- X. **Some Spermatological Characteristics of Aksaray Malaklı Dog Turkish Mastiff**
İNANÇ M. E., Tekin K., OLĞAÇ K. T., Yılmaz B., Akkurt M. Y., Temizkan m. c., Kaya U., TAŞDEMİR U., TUNCER P. B., BÜYÜKLEBLEBİCİ S., et al.
18th EVSSAR 2015, Hannover, Germany, 11 - 12 July 2015
- XI. **Effect of Cysteine Fetuin Aminoacid Solution and Antioxidant on Post thaw Bull Sperms Quality**
TAŞDEMİR U., TUNCER P. B., BÜYÜKLEBLEBİCİ S., DURMAZ E., ÖZGÜRTAŞ T., BÜYÜKLEBLEBİCİ O.
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 15 - 18 November 2012
- XII. **Effects of smoking during pregnancy on DNA damage in maternal and newborns' blood**
DURMAZ E., Aydoğan U., Ercan C. M., ULUTAŞ O. K., Kavuk S., ÇOK İ.
48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- XIII. **Evaluation of DNA Damage in Common Carp (Cyprinus Carpio L.) by Comet Assay to Determine any Possible Pollution in Lake Mogan (Ankara)**
ÇOK İ., ULUTAŞ O. K., okuşluk ö., DURMAZ E., DEMİR A. N.
9th International Comet Assay Workshop, Turkey, 13 - 16 September 2011
- XIV. **Genotoxicity assessment of Aloe vera gel in mice with the comet assay**
Durmaz E., ULUTAŞ O. K., Guler R., Gurbuz I., Cok İ.
47th Congress of the European-Societies-of-Toxicology, Paris, France, 28 - 31 August 2011, vol.205
- XV. **Determination of possible genotoxic effects of sub-acute exposure to bisphenol A and 4-tert-octylphenol by Comet assay in rats**
ULUTAŞ O. K., Yildiz N., DURMAZ E., Aydoğan M., BARLAS N., ÇOK İ.
46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189
- XVI. **The effects of Aloe vera extract on male reproductive tract of Swiss albino mice.**
Aydoğan M., Ulutaş O. K., Durmaz E., Barlas N., Gürbüz İ., Çok İ.
7th World Congress on Alternatives and Animal Use in the Life Sciences, Rome, Italy, 30 August - 03 September

2009, pp.1

- XVII. **Antalya da Yaşayan Bireylerden Sağlanan Anne Sütlerinde Bazı Klorlu Hidrokarbon Pestisit ve Poliklorlanmış Bifenillerin Kalıntı Düzeylerinin Belirlenmesi**
ÇOK İ., YELKEN Ç., DURMAZ E., ÜNER M., SEVER B., ŞATIR F.
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Ankara, Turkey, 30 May - 01 June 2009
- XVIII. **Bisfenol A ve 4 tert Oktilfenol ün in vivo Genotoksik Etkilerinin Sıçanlarda Comet Yöntemi ile Saptanması**
ULUTAŞ O. K., YILDIZ N., DURMAZ E., AYDOĞAN M., BARLAS N., ÇOK İ.
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 30 May - 01 June 2009
- XIX. **Aloe Vera Jel Ürününün Fare Karaciğer ve Böbrek Dokuları Üzerindeki Etkilerinin İncelenmesi**
KORKMAZ A., AYDOĞAN M., ULUTAŞ O. K., DURMAZ E., GÜRBÜZ İ., BARLAS N., ÇOK İ.
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 30 May - 01 June 2009
- XX. **An Assessment of the in vivo Genotoxicity of Bisphenol A and 4-tert-Octylphenol by Comet Assay in Rats**
ULUTAŞ O. K., yıldız n., DURMAZ E., AYDOĞAN AHBAB M., BARLAS N., ÇOK İ.
5th Copenhagen Workshop on Endocrine Disrupters, Kopenhagen, Denmark, 20 - 22 May 2009
- XXI. **Determination of Possible Pollution in Lake Mogan Ankara by Comet Assay Using Common Carp Cyprinus carpio L**
ULUTAŞ O. K., OKUŞLUK Ö., DEMİR A. N., DURMAZ E., ÇOK İ.
EUROTOX, 45th Congress of the European Societies of Toxicology, 5 - 08 October 2008
- XXII. **Investigation of possible genotoxic risks in furnace operating workers from Afsin-Elbistan thermal power plant, by comet assay**
DURMAZ E., DÖNBAK L., Kir T., ULUTAŞ O. K., ÇOK İ.
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XXIII. **Baseline cytogenetic profiles of a healthy Turkish population by three test systems: Comparison between assays**
COŞKUN E., KADIOĞLU E., ÇAKMAK G., ÖZÇAĞLI E., DURMAZ E., KARAHALİL B., BURGAZ S., ŞARDAŞ S., AYGÜN KOCABAŞ N.
EUROTOX, 45th Congress of the European Societies of Toxicology, 5 - 08 October 2008
- XXIV. **Regional variability and time trends of organochlorine pesticide levels in humans in Turkey**
DURMAZ E., ULUTAŞ O. K., ÇOK İ.
The 3rd Euro-Asian Conference on Hazardous Waste and Human Health., 27 - 30 April 2008
- XXV. **Bleomycin induced chromosomal aberrations frequencies in a Turkish population**
DURMAZ E., KARAHALİL B., ÖZÇAĞLI E., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., COŞKUN E., ŞARDAŞ S., BURGAZ S., AYGÜN KOCABAŞ N.
The 5th International Conference on Environmental Mutagens in Human Populations, Antalya, Turkey, 20 - 24 May 2007
- XXVI. **Trends and Current Levels of Organochlorine Pollutants in Humans and Environment in Turkey**
DURMAZ E., ÇOK İ.
International Conference Environment: Survival and Sustainability, Lefkoşa, Cyprus (Kktc), 19 - 24 February 2007, pp.300-301
- XXVII. **2 adrenoreceptor ADRB2 pharmacogenetics and cardiovascular phenotypes during laryngoscopy and tracheal intubation**
KAYMAK Ç., NESLİHAN A. K., DURMAZ E., ÖZTUNA D.
6th International Congress of Turkish Society of Toxicology, 2 - 05 November 2006
- XXVIII. **Current levels and trends of organochlorine pollutants in humans and environment in Turkey**
DURMAZ E., DURMAZ T. Ç., ÇOK İ.
ISOPS 8th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 13 - 16 June 2006, pp.59
- XXIX. **Levels and trends of persistent organochlorine compounds in humans in Turkey 1976 2004**
DURMAZ E., ÇALIK DURMAZ T., ÇOK İ.
42nd Congress of European Societies of Toxicology, CRACOW, Poland, 11 - 14 September 2005, vol.158, pp.81-82

Supported Projects

Orhan H., Güreer Orhan H., Süzen H. S., Durmaz E., TUBITAK Project, Kanser Hastalarında Kalıcı Organik Kirletici Düzeyleri, Maruziyet, Genetik Yatkınlık ve Moleküler Hasarın Biyogöstergeleri, 2014 - 2018

DURMAZ E., Project Supported by Other Official Institutions, Atipik antipsikotik ilaçların reproduktif toksisitesinin ve genotoksitesinin değerlendirilmesi, 2013 - 2017

Ulutaş O. K., Durmaz E., Project Supported by Higher Education Institutions, Sigara İçen Hamilelerin Kordon Kanı Örneklerinde, Sigaraya Bağlı Olası Genotoksik Risklerin Comet Yöntemi ile Araştırılması, 2011 - 2013

Ulutaş O. K., Durmaz E., Çok İ., Project Supported by Higher Education Institutions, Afşin Elbistan Termik Santrali Çevresinde Yaşayan Bireylerde Termik Santralden Kaynaklanan Toksik Maddelere Maruziyete Bağlı Olası Genotoksik Risklerin Comet ve Kromozom Aberasyonu Yöntemleriyle Saptanması, 2007 - 2009

Memberships / Tasks in Scientific Organizations

Turkish Society of Toxicology, Board Member, 2009 - Continues, Turkey

EUROTOX, Member, 2005 - Continues, Switzerland

IUTOX, Member, 2005 - Continues, United States Of America

Tasks In Event Organizations

Durmaz E., KARAHALİL B., 11th International Congress of the Turkish Society of Toxicology, Scientific Congress, Turkey, Kasım 2022

Durmaz E., Spor Eczacılığı Sempozyumu, Scientific Congress, Turkey, Temmuz 2021

Durmaz E., 10th International Congress of the Turkish Society of Toxicology, Scientific Congress, Turkey, Kasım 2019

Durmaz E., 52nd Congress of the European Societies of Toxicology (EUROTOX) , Scientific Congress, Spain, Eylül 2016

Durmaz E., 9th International Congress of the Turkish Society of Toxicology, Scientific Congress, Turkey, Ekim 2015

Durmaz E., 8th International Congress of the Turkish Society of Toxicology, Scientific Congress, Turkey, Kasım 2012

Metrics

Publication: 48

Citation (WoS): 212

Citation (Scopus): 239

H-Index (WoS): 10

H-Index (Scopus): 10

Non Academic Experience

Other Public Institution, Türk Standartları Enstitüsü, Direktifler

Türk Standartları Enstitüsü