

# Prof. DENİZ YÜZBAŞIOĞLU

## Personal Information

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## International Researcher IDs

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ScopusID: 6506526163

Yoksis Researcher ID: 18089

## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1996 - 2001

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Biyoloji Pr., Turkey 1989 - 1993

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Illoxan ve Racer herbisitlerinin *Allium cepa* L. kök ucu hücrelerinde mitoz bölünmeye ve kromozomlara etkileri, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2001

Postgraduate, Bazı *Strenbergia* Wadst. and *Kit.* türlerinin karyolojisi, Gazi University, Fen Bilimleri Enstitüsü, 1996

## Research Areas

Life Sciences, Molecular Biology and Genetics, Cytogenetic, Natural Sciences

## Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Biyoloji, 2013 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Biyoloji, 2007 - 2013

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji, 2005 - 2007

Research Assistant, Gazi University, Fen Fakültesi, Biyoloji, 1994 - 2005

## Academic and Administrative Experience

Enstitü Yönetim Kurulu Üyesi, Gazi University, Fen Fakültesi, Biyoloji, 2019 - 2021

Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, Biyoloji, 2016 - 2019  
BAP Subcommittee Member, Gazi University, Fen Fakültesi, Biyoloji, 2014 - 2016

## Courses

Araştırma Projesi 2, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Araştırma Projesi 1, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Epigenetics, Postgraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Hücresel yaşlanmanın genetik temelleri, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Genetikte özel konular, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Genetik Araştırmalarda Etik, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Genetik Toksikoloji, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
Genetics, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Mutations, Postgraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Moleküler ve Genetik Analiz Programları, Undergraduate, 2020 - 2021, 2018 - 2019, 2015 - 2016  
Genetics 2, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006  
Genel Biyoloji Laboratuvarı, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
Chromosomes, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007  
Genetics 1, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007  
Genel Biyoloji, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

## Advising Theses

Yüzbaşıoğlu D., Gıda katkı maddelerinden D-Sorbitol ve D-Sorbitol-Xylitol karışımının genotoksik etkilerinin araştırılması, Postgraduate, B.GÜNEŞ(Student), 2024  
Yüzbaşıoğlu D., In vitro genotoxic effects of carmoisine and ponceau 4R food dyes on human lymphocytes, Postgraduate, S.Gökçe(Student), 2023  
Yüzbaşıoğlu D., DETERMINATION OF POSSIBLE GENOTOXIC DAMAGE IN PATIENTS UNDER TREATMENT DUE TO DEPRESSION AND ANXIETY DISORDERS, Doctorate, S.ÖZDEN(Student), 2022  
Yüzbaşıoğlu D., Mamur S., IN VITRO CYTOTOXIC AND GENOTOXIC EFFECTS OF HIGH FRUCTOSE CORN SYRUP AND FRUCTOSE, Postgraduate, S.NUR(Student), 2021  
Yüzbaşıoğlu D., GENOTOXIC AND ANTIGENOTOXIC EFFECTS OF AMYGDALIN IN IN VITRO HUMAN LYMPHOCYTES , Doctorate, E.ERİKEL(Student), 2021  
Yüzbaşıoğlu D., In vitro Genotoxic and Antigenotoxic Effects of an Exopolysaccharide Isolated From Lactobacillus salivarius KC27L strain, Postgraduate, B.Merve(Student), 2021  
Yüzbaşıoğlu D., Özel Ç. A., The Examination Of The Genotoxic And Antigenotoxic Effects Of Vermicompost At Plant Tissue Culture With Allum Test, Postgraduate, B.Tuncay(Student), 2021  
Yüzbaşıoğlu D., Bir flavonoid olan hyperosidein genotoksik ve antigenotoksik etkileri, Postgraduate, Ü.KÜBRA(Student),

2020

- YÜZBAŞIOĞLU D., Investigating Genotoxic Effects Of Food Additives Monopotassium Glutamate, Magnesium Dııglutamate And Xylitol, Doctorate, E.AVULOĞLU(Student), 2018
- ÖZEL Ç. A., YÜZBAŞIOĞLU D., A Study On Genotoxic Evaluations Of 2,4-D And Picloram By Allium Test In Plant Tissue Culture, Postgraduate, M.ÖZKUL(Student), 2016
- YÜZBAŞIOĞLU D., Bir anti-diyabetik ilaç etken maddesi olan sitagliptin'in tek başına ve metformin ile birlikte in vitro genotoksik etkilerinin belirlenmesi, Postgraduate, C.ENGÜZEL(Student), 2015
- YÜZBAŞIOĞLU D., Determination Of The Genotoxic Effects Of Food Additives Monosodium Glutamate, Sodium Propionate And Potassium Propionate In Human Lymphocytes Culture, Doctorate, N.ATASEVEN(Student), 2015
- YÜZBAŞIOĞLU D., Evaluation of genetic damage in chronic kidney failure going to hemodialysis patients with diabetes and without diabetes by genotoxicity tests, Doctorate, S.MAMUR(Student), 2014
- YÜZBAŞIOĞLU D., Investigation potential antigenotoxic effects of alphatocopherol (Vitamin E) and retinol (Vitamin A) on Mitomycin-C genotoxicity, Postgraduate, K.SEVİMLİ(Student), 2014
- YÜZBAŞIOĞLU D., Evaluation of the genotoxic and antigenotoxic effects of cynarin and luteolin in in vitro test systems, Postgraduate, E.ERİKEL(Student), 2014
- YÜZBAŞIOĞLU D., In vitro genotoxic effects of the active ingredients of antidiabetic drug, metformin, Postgraduate, J.H. (Student), 2013
- YÜZBAŞIOĞLU D., The determination of possible genetic damage for patients undergoing in vitro fertilization with male factor, Postgraduate, S.ÖZDEN(Student), 2012
- YÜZBAŞIOĞLU D., Akdeniz anemili (Beta talasemi majorlu) hastaların periferel lenfositlerindeki genetik değişikliklerin genotoksikite testleriyle belirlenmesi, Doctorate, H.GÖKCE(Student), 2012
- YÜZBAŞIOĞLU D., Genotoxic evaluation of the active ingredients of antidepressant drugs, trazodone and milnacipran in human peripheral lymphocytes, Postgraduate, E.AVULOĞLU(Student), 2012
- YÜZBAŞIOĞLU D., Genotoxic and antigenotoxic effects of Ganoderma lucidum against mitomycin-c on human peripheral lymphocytes, Postgraduate, Ü.ÇAYIR(Student), 2012
- YÜZBAŞIOĞLU D., THE GENOTOXIC EFFECTS OF ACEPHATE AND MEHPHOSPHOLAN INSECTICIDES IN HUMAN LYMPHOCYTES CULTURE, Postgraduate, D.ÖZKAN(Student), 2010
- YÜZBAŞIOĞLU D., Trichlorfon ve phorate insektisitlerinin insan lenfositlerinde genotoksik etkileri, Postgraduate, İ.TİMOROĞLU(Student), 2009
- YÜZBAŞIOĞLU D., Acephate ve mephosfolan insektisitlerinin insan lenfosit kültüründe genotoksik etkileri, Postgraduate, D.ÖZKAN(Student), 2009
- YÜZBAŞIOĞLU D., Gıda katkı maddesi olarak kullanılan sodyum sorbat ve potasyum sorbat'ın insan periferel lenfositlerinde genotoksik etkileri, Postgraduate, S.MAMUR(Student), 2009
- YÜZBAŞIOĞLU D., ASSESMENT OF THE GENETOXIC EFFECTS OF SODIUM BENZOATE AND POTASSIUM BENZOATE IN HUMAN PERIPHERAL LYMPHOCYTES, Postgraduate, N.ZENGİN(Student), 2009

## Jury Memberships

Doctorate, Doctorate, Central University of Tamil Nadu, November, 2023

Doctorate, Doctorate, Gazi Üniversitesi, April, 2023

Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecular docking study of frequently used food additives for selected targets depending on the chromosomal abnormalities they cause**  
Okus F., YÜZBAŞIOĞLU D., ÜNAL F.  
Toxicology, vol.502, 2024 (SCI-Expanded)
- II. **Safety Assessment of High Fructose Corn Syrup and Fructose Used as Sweeteners in Foods.**

Bülbül S. N., Mamur S., Yuzbasioglu D., Unal F.

Toxicology mechanisms and methods, vol.34, no.5, pp.584-595, 2024 (SCI-Expanded)

- III. **Comparative investigation of iron oxide nanoparticles and microparticles using the in vitro bacterial reverse mutation and in vivo Allium chromosome aberration and comet assays**  
Kizilkaya D., Ünal F., Beyzi E., Kulahci M. B., Ismetoglu G., Yuzbasioglu D., Suludere Z.  
Journal of Nanoparticle Research, vol.25, no.9, 2023 (SCI-Expanded)
- IV. **Antigenotoxic effect of hyperoside against Mitomycin C and hydrogen peroxide-induced genotoxic damage on human lymphocytes**  
Yüzbaşıoğlu D., Dilek U. K., Erikel E., Ünal F.  
TOXICOLOGY IN VITRO, vol.90, 2023 (SCI-Expanded)
- V. **Cellular toxicities of gadolinium-based contrast agents used in magnetic resonance imaging**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
Journal of Applied Toxicology, vol.43, no.7, pp.958-972, 2023 (SCI-Expanded)
- VI. **A study on Amygdalin's genotoxicological safety and modulatory activity in human peripheral lymphocytes in vitro**  
Erikel E., Yüzbaşıoğlu D., Ünal F.  
Environmental and Molecular Mutagenesis, vol.64, no.5, pp.291-308, 2023 (SCI-Expanded)
- VII. **Investigation of genotoxic effect of octyl gallate used as an antioxidant food additive in in vitro test systems**  
Avuloglu Yilmaz E., Yuzbasioglu D., Unal F.  
MUTAGENESIS, vol.38, no.3, pp.151-159, 2023 (SCI-Expanded)
- VIII. **In vitro genotoxic and antigenotoxic effects of an exopolysaccharide isolated from Lactobacillus salivarius KC27L**  
Yildiz B. M., YÜZBAŞIOĞLU D., YÜKSEKDAĞ Z., ÇETİN D., ÜNAL F., SULUDERE Z.  
Toxicology in Vitro, vol.86, 2023 (SCI-Expanded)
- IX. **Assessment of the genotoxic effects of antihypertensive drug active ingredient indapamide in human lymphocytes**  
Avuloglu-Yilmaz E., YÜZBAŞIOĞLU D., ÜNAL F.  
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.2, pp.297-303, 2023 (SCI-Expanded)
- X. **Determination of genotoxic damages of picloram and dicamba with comet assay in Allium cepa rooted in tissue culture and distilled water**  
Özel Ç. A., Ünal F., Avuloglu-Yilmaz E., Erikel E., Mirici S., Yüzbaşıoğlu D.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.12, pp.11273-11280, 2022 (SCI-Expanded)
- XI. **Cytogenetic effects of antidiabetic drug metformin**  
Yüzbaşıoğlu D., Mahmoud J. H., Mamur S., Ünal F.  
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.2, pp.955-962, 2022 (SCI-Expanded)
- XII. **Genotoxic effects of gadobutrol and gadoversetamide active substances used in magnetic resonance imaging in human peripheral lymphocytes <i>in vitro</i>**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.6, pp.2471-2482, 2022 (SCI-Expanded)
- XIII. **Evaluation of the genotoxic and antigenotoxic effects of exopolysaccharide pullulan in human lymphocytes in vitro**  
YÜZBAŞIOĞLU D., MAMUR S., Avuloglu-Yilmaz E., Erikel E., Celebi-Keskin A., ÜNAL F.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.870, 2021 (SCI-Expanded)
- XIV. **Genotoxic and antigenotoxic potential of amygdalin on isolated human lymphocytes by the comet assay**  
Erikel E., YÜZBAŞIOĞLU D., ÜNAL F.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.44, no.10, 2020 (SCI-Expanded)
- XV. **In vitro genotoxicity assessment of monopotassium glutamate and magnesium diglutamate**  
Avuloglu-Yilmaz E., Yüzbaşıoğlu D., Ünal F.

TOXICOLOGY IN VITRO, vol.65, 2020 (SCI-Expanded)

- XVI. **Evaluation of the cytotoxic and genotoxic effects of mycotoxin fusaric acid**  
MAMUR S., ÜNAL F., YILMAZ S., ERIKEL E., YÜZBAŞIOĞLU D.  
DRUG AND CHEMICAL TOXICOLOGY, vol.43, no.2, pp.149-157, 2020 (SCI-Expanded)
- XVII. **Determination of genotoxic effects in hemodialysis patients with chronic kidney disease and the role of diabetes mellitus and other biochemical parameters**  
MAMUR S., YÜZBAŞIOĞLU D., ALTOK K., ÜNAL F., DEGER S. M.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.844, pp.46-53, 2019 (SCI-Expanded)
- XVIII. **In vitro genotoxic and antigenotoxic effects of cynarin**  
ERIKEL E., YÜZBAŞIOĞLU D., ÜNAL F.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.237, pp.171-181, 2019 (SCI-Expanded)
- XIX. **POTENTIAL OF TRAGACANTH GUM AS GELLING MATERIAL IN PLANT TISSUE CULTURE STUDIES**  
ÖZEL Ç. A., ÜNAL F., YÜZBAŞIOĞLU D.  
BANGLADESH JOURNAL OF BOTANY, vol.47, no.4, pp.877-885, 2018 (SCI-Expanded)
- XX. **Investigation of in vitro genotoxic effects of an anti-diabetic drug sitagliptin**  
YÜZBAŞIOĞLU D., ENGÜZEL-ALPEREN C., ÜNAL F.  
FOOD AND CHEMICAL TOXICOLOGY, vol.112, pp.235-241, 2018 (SCI-Expanded)
- XXI. **Assessment of cytotoxic and genotoxic effects of enniatin-A in vitro**  
MAMUR S., YÜZBAŞIOĞLU D., YILMAZ S., ERIKEL E., ÜNAL F.  
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.35, no.8, pp.1633-1644, 2018 (SCI-Expanded)
- XXII. **EVALUATION OF GENOTOXICITY OF PICLORAM BY ALLIUM TEST IN PLANT TISSUE CULTURE**  
ÖZEL Ç. A., ÖZKUL M., ÜNAL F., YÜZBAŞIOĞLU D.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8133-8138, 2018 (SCI-Expanded)
- XXIII. **Evaluation of genotoxic effects of 3-methyl-5-(4-carboxycyclohexylmethyl)-tetrahydro-2h-1,3,5-thiadiazine-2-thione on human peripheral lymphocytes**  
AVULOĞLU-YILMAZ E., YÜZBAŞIOĞLU D., ÖZÇELİK A. B., ERSAN S., ÜNAL F.  
Pharmaceutical Biology, vol.55, no.1, pp.1228-1233, 2017 (SCI-Expanded)
- XXIV. **Evaluation of cytogenetic and DNA damage induced by the antidepressant drug-active ingredients, trazodone and milnacipran, in vitro**  
YILMAZ E. A., ÜNAL F., YÜZBAŞIOĞLU D.  
DRUG AND CHEMICAL TOXICOLOGY, vol.40, no.1, pp.57-66, 2017 (SCI-Expanded)
- XXV. **Does 2,4-dichlorophenoxyacetic acid (2,4-D) induce genotoxic effects in tissue cultured Allium roots?**  
ÖZKUL M., ÖZEL Ç. A., YÜZBAŞIOĞLU D., ÜNAL F.  
CYTOTECHNOLOGY, vol.68, no.6, pp.2395-2405, 2016 (SCI-Expanded)
- XXVI. **Answer to letter sent by Dr. MD Rogers (Chairman of the International Glutamate Technical Committee (IGTC), Belgium) related to Ataseven et al. article published in Food and Chemical Toxicology 2016; 91:8-18**  
ÜNAL F., ATASEVEN N., ÇELEBİ KESKİN A., YÜZBAŞIOĞLU D.  
FOOD AND CHEMICAL TOXICOLOGY, vol.94, pp.262-267, 2016 (SCI-Expanded)
- XXVII. **Genotoxicity of monosodium glutamate**  
ATASEVEN N., YÜZBAŞIOĞLU D., ÇELEBİ KESKİN A., ÜNAL F.  
FOOD AND CHEMICAL TOXICOLOGY, vol.91, pp.8-18, 2016 (SCI-Expanded)
- XXVIII. **DNA damage in hemodialysis patients with chronic kidney disease; a test of the role of diabetes mellitus; a comet assay investigation**  
MAMUR S., ÜNAL F., ALTOK K., DEGER S. M., YÜZBAŞIOĞLU D.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.800, pp.22-27, 2016 (SCI-Expanded)
- XXIX. **Induction of sister chromatid exchanges and cell division delays by clomiphene citrate in human**

## **lymphocytes**

Yilmaz S., ÜNAL F., Yuzbasioglu D., Gonenc I. M.

Human and Experimental Toxicology, vol.34, no.3, pp.284-288, 2015 (SCI-Expanded)

- XXX. **The determination of possible genetic damage to women undergoing in vitro fertilization due to infertility caused by the male factor**  
Ozden S., Yuzbasioglu D., ÜNAL F., Ozel M.  
Food and Chemical Toxicology, vol.74, pp.294-300, 2014 (SCI-Expanded)
- XXXI. **DNA damage in human lymphocytes exposed to four food additives in vitro**  
Yilmaz S., Ünal F., Yüzbaşıoğlu D., Çelik M.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.10, pp.926-937, 2014 (SCI-Expanded)
- XXXII. **Assessment of the genotoxic effects of organophosphorus insecticides phorate and trichlorfon in human lymphocytes**  
Timoroglu I., Yüzbaşıoğlu D., Ünal F., Yilmaz S., Aksoy H., Çelik M.  
ENVIRONMENTAL TOXICOLOGY, vol.29, no.5, pp.577-587, 2014 (SCI-Expanded)
- XXXIII. **Evaluation of the genotoxicity of clomiphene citrate**  
YILMAZ S., ÜNAL F., Yilmaz E., YÜZBAŞIOĞLU D., ERKAL İLHAN S.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.759, pp.21-27, 2014 (SCI-Expanded)
- XXXIV. **Antigenotoxic effect of lipoic acid against mitomycin-C in human lymphocyte cultures**  
ÜNAL F., Taner G., YÜZBAŞIOĞLU D., YILMAZ S.  
CYTOTECHNOLOGY, vol.65, no.4, pp.553-565, 2013 (SCI-Expanded)
- XXXV. **Genotoxicity assessment of vaccine adjuvant squalene**  
Yuzbasioglu D., Ünal F., Koc F., Oztemel S., Aksoy H., Mamur S., Korkmaz F. D.  
Food and Chemical Toxicology, vol.56, pp.240-246, 2013 (SCI-Expanded)
- XXXVI. **Genotoxicity of food preservative sodium sorbate in human lymphocytes in vitro**  
Mamur S., Yüzbaşıoğlu D., Ünal F., Aksoy H.  
CYTOTECHNOLOGY, vol.64, no.5, pp.553-562, 2012 (SCI-Expanded)
- XXXVII. **Genotoxic effects of chlorophenoxy herbicide diclofop-methyl in mice in vivo and in human lymphocytes in vitro**  
ÜNAL F., YÜZBAŞIOĞLU D., YILMAZ S., AKINCI N., AKSOY H.  
DRUG AND CHEMICAL TOXICOLOGY, vol.34, no.4, pp.390-395, 2011 (SCI-Expanded)
- XXXVIII. **The evaluation of the genotoxicity of two food preservatives: Sodium benzoate and potassium benzoate**  
Zengin N., Yuzbasioglu D., Ünal F., Yilmaz S., Aksoy H.  
Food and Chemical Toxicology, vol.49, no.4, pp.763-769, 2011 (SCI-Expanded)
- XXXIX. **Does potassium sorbate induce genotoxic or mutagenic effects in lymphocytes?**  
Mamur S., Yüzbaşıoğlu D., Ünal F., Yilmaz S.  
TOXICOLOGY IN VITRO, vol.24, no.3, pp.790-794, 2010 (SCI-Expanded)
- XL. **The in vitro genotoxicity of benzoic acid in human peripheral blood lymphocytes**  
YILMAZ S., ÜNAL F., YÜZBAŞIOĞLU D.  
CYTOTECHNOLOGY, vol.60, pp.55-61, 2009 (SCI-Expanded)
- XLI. **Evaluation of the Genotoxicity of Fusarium Mycotoxin Moniliformin in Human Peripheral Blood Lymphocytes**  
ÇELİK M., Yilmaz S., Aksoy H., ÜNAL F., YÜZBAŞIOĞLU D., DÖNBAK L.  
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.50, no.5, pp.431-434, 2009 (SCI-Expanded)
- XLII. **Evaluation of the cytogenetic damage induced by the organophosphorous insecticide acephate**  
Ozkan D., Yüzbaşıoğlu D., Ünal F., Yilmaz S., Aksoy H.  
CYTOTECHNOLOGY, vol.59, no.2, pp.73-80, 2009 (SCI-Expanded)
- XLIII. **Genotoxic effects of herbicide Illoxan (Diclofop-Methyl) on Allium cepa L.**  
Yüzbaşıoğlu D., Ünal F., Sancak C.  
TURKISH JOURNAL OF BIOLOGY, vol.33, no.4, pp.283-290, 2009 (SCI-Expanded)

- XLIV. **Clastogenic effects of food additive citric acid in human peripheral lymphocytes**  
Yilmaz S., ÜNAL F., YÜZBAŞIOĞLU D., Aksoy H.  
CYTOTECHNOLOGY, vol.56, no.2, pp.137-144, 2008 (SCI-Expanded)
- XLV. **Cytogenetic effects of citric acid and benzoic acid on *Allium* chromosomes**  
Yilmaz S., ÜNAL F., Aksoy H., YÜZBAŞIOĞLU D., ÇELİK M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1029-1037, 2008 (SCI-Expanded)
- XLVI. **Genotoxic action of fungicide Conan 5FL (Hexaconazole) on mammalian cells in vivo and in vitro**  
Yilmaz S., Aksoy H., ÜNAL F., Celik M., Yuzbasioglu D.  
Russian Journal of Genetics, vol.44, no.3, pp.273-278, 2008 (SCI-Expanded)
- XLVII. **Genotoxicity testing of fluconazole in vivo and in vitro**  
Yüzbaşıoğlu D., Ünal F., Yilmaz S., Aksoy H., Çelik M.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.649, pp.155-160, 2008 (SCI-Expanded)
- XLVIII. **Cytogenetic damage in workers from a coal-fired power plant**  
Celik M., Donbak L., ÜNAL F., Yuzbasioglu D., Aksoy H., Yilmaz S.  
Mutation Research - Genetic Toxicology and Environmental Mutagenesis, vol.627, no.2, pp.158-163, 2007 (SCI-Expanded)
- XLIX. **Clastogenicity of the fungicide afugan in cultured human lymphocytes**  
Yuzbasioglu D., Celik M., Yilmaz S., ÜNAL F., Aksoy H.  
Mutation Research - Genetic Toxicology and Environmental Mutagenesis, vol.604, pp.53-59, 2006 (SCI-Expanded)
- L. **Effects of *Thymus kotschyanus* var. *glabrescens* Boiss. extract on mitomycin-C induced chromosomal aberrations and sister chromatid exchanges in human lymphocytes**  
Celik M., ÜNAL F., Yuzbasioglu D., Yilmaz S., Aksoy H., Karaman S.  
Cytotechnology, vol.51, no.2, pp.99-104, 2006 (SCI-Expanded)
- LI. **Genotoxicity study in lymphocytes of offset printing workers**  
Aksoy H., Yilmaz S., Celik M., Yuzbasioglu D., ÜNAL F.  
Journal of Applied Toxicology, vol.26, no.1, pp.10-15, 2006 (SCI-Expanded)
- LII. **In vitro effect of karathane LC (dinocap) on human lymphocytes**  
Celik M., ÜNAL F., Yuzbasioglu D., ERGÜN M. A., Arslan O., Kasap R.  
Mutagenesis, vol.20, no.2, pp.101-104, 2005 (SCI-Expanded)
- LIII. **Karyotyping, C- and NOR banding of *Allium sativum* L. (Liliaceae) cultivated in Turkey**  
Yuzbasioglu D., ÜNAL F.  
Pakistan Journal of Botany, vol.36, no.2, pp.343-349, 2004 (SCI-Expanded)
- LIV. **Cytogenetic Effects of Fungicide Afugan on the Meristematic Cells of *Allium cepa* L.**  
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- CXLV. **Investigating Genotoxic Effects of Sitagliptin the Active Ingredient of an Antidiabetic Drug by Micronucleus Assay**  
CEMİLE E., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 07 June 2014
- CXLVI. **Genotoxic Effect of Copper Oxide Nanoparticles on Human Lymphocytes by Comet Assay**  
YASEMİN S., ÜNAL F., EROL Ö., SULUDERE Z., YÜZBAŞIOĞLU D.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CXLVII. **Assessment of The Influence of Diabetes and Body Mass Index BMI on DNA Damage by Comet Assay in Hemodialysis Patients**  
MAMUR S., YÜZBAŞIOĞLU D., ALTOK K., ÜNAL F., SERPİL DEĞER D.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014

- CXLVIII. **Genotoxicity of Sodium Propionate in Isolated Human Lymphocytes Assessed by Comet Assay**  
NAZMIYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CXLIX. **Evaluation of the Genotoxicity and Antigenotoxicity of Cynarin in Human Lymphocytes by Comet Assay**  
ESRA E., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CL. **Ünal F Investigation of Monosodium Glutamate Induced DNA Damage by Using RAPD PCR in Human Peripheral Lymphocytes**  
NAZMIYE Z., ÇELEBİ KESKİN A., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, Sarajevo Bosnia, 2 - 06 June 2014
- CLI. **The Determination of Possible Genetic Damage by Chromosomal Aberrations and Comet Assays in Women Undergoing In Vitro Fertilisation with Male Infertility Factor**  
ÖZDEN S., YÜZBAŞIOĞLU D., ÜNAL F., ÖZEL M.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLII. **Investigation of Antidepressant Drug Desipramine Genotoxicity In Human Peripheral Lymphocytes Using Micronucleus and Comet Assays**  
AVULOĞLU E., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLIII. **Evalutaion of The Relationship Between DNA Damage And Parathormone Levels in Chronic Kidney Failure Patients By Comet Assay**  
MAMUR S., YÜZBAŞIOĞLU D., ALTOK K., ÜNAL F., SERPİL MÜGE D.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLIV. **Genotoxicity Induced by Amorphous Silica Nanoparticles**  
YASEMİN S., ÜNAL F., SULUDERE Z., EROL Ö., YÜZBAŞIOĞLU D.  
3rd International Molecular Biology and Biotechnology Congress, Sarajevo Bosnia, 2 - 06 June 2014
- CLV. **In vivo Genotoxic Effects of Calcium Propionate**  
YILMAZ S., ÜNAL F., AKSOY H., YÜZBAŞIOĞLU D., ÇELİK M.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLVI. **Evaluation of the Relationship Between DNA Damage and Parathormone Levels in Chronic Kidney Failure Patients by Comet Assay**  
MAMUR S., YÜZBAŞIOĞLU D., ALTOK K., ÜNAL F., DEĞER S. M.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 04 June 2014
- CLVII. **Geneotoxic Effect of Copper Oxide Nanoparticles on Human Lymphocytes by Comet Assay**  
SAYGILI Y., ÜNAL F., EROL Ö., SULUDERE Z., YÜZBAŞIOĞLU D.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLVIII. **Genotoxicity Induced by Silica Nanoparticles**  
SAYGILI Y., ÜNAL F., SULUDERE Z., EROL Ö., YÜZBAŞIOĞLU D.  
3rd International Molecular Biology and Biotechnology Congress, Saray Bosna, Bosnia And Herzegovina, 2 - 06 June 2014
- CLIX. **Genotoxic Effects of Sitagliptin the Active Ingredient of an Antidiabetic Drug by Micronucleus Assay**  
ENGÜZEL C., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 04 June 2014
- CLX. **Investigation of Monosodium Glutamate Induced DNA Damage by Using RAPD-PCR in Human Peripheral Lymphocytes**  
ZENGİN N., ÇELEBİ KESKİN A., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CLXI. **The Determination of Possible Genetic Damage by Chromosomal Aberrations and Comet Assays in Woman Undergoing in vitro Fertilisation with Male Infertility Factor**  
ÖZDEN S., YÜZBAŞIOĞLU D., ÜNAL F., ÖZEL M.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014

- CLXII. **Geleneksel Ürünlerde Kullanımı Yasaklanan Gıda Katkı Maddeleri**  
NAZMIYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
4. Geleneksel Gıdalar Sempozyumu, Turkey, 17 - 19 March 2014
- CLXIII. **Ülkemizde Geleneksel Gıdalarda Kullanımı Yasaklanan Monosodyum Glutamat MSG in Genotoksitesinin Comet Testiyle Belirlenmesi**  
NAZMIYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
4. Geleneksel Gıdalar Sempozyumu, Turkey, 17 - 19 March 2014
- CLXIV. **Gıda Katkı Maddesi Olarak Kullanılan Amorf Silika Nanopartiküllerinin Genotoksik Etkilerinin in vitro İnsan Lenfositlerinde Kardeş Kromatit Değişimi Testi İle Belirlenmesi**  
Saygılı Y., ÜNAL F., YÜZBAŞIOĞLU D.  
İç Anadolu Bölgesi 1. Tarım ve Gıda Kongresi, Niğde, Turkey, 2 - 04 October 2013
- CLXV. **Evaluation of the Genotoxic Effects of Copper Oxide Nanoparticles in Human Lymphocytes by Sister Chromatid Exchanges**  
Saygılı Y., ÜNAL F., YÜZBAŞIOĞLU D.  
9th Nanoscience and Nanotechnology (NanoTR-9) Conference, Erzurum, Turkey, 24 - 28 June 2013
- CLXVI. **Evaluating of genotoxicity of monosodium glutamate using sister chromatid exchange formation in human lymphocytes**  
Zengin N., YÜZBAŞIOĞLU D., ÜNAL F.  
Nano-TR 9, Atatürk Üniversitesi, 24 - 28 June 2013
- CLXVII. **Genotoxic effects of Monosodium Glutamate on mammalian cells in vitro**  
ZENGİN N., YÜZBAŞIOĞLU D., ÜNAL F.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXVIII. **Milnacipran is an antidepressant drug induced micronucleus in human peripheral lymphocytes**  
AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÜNAL F.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXIX. **Evaluation of DNA damage induced by the vaccine adjuvant squalene with comet assay**  
YÜZBAŞIOĞLU D., ÜNAL F., KOÇ F., AKSOY H., MAMUR S., DEMİRTAŞ KORKMAZ F.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXX. **Micronucleus test in human lymphocytes culture for monitoring genotoxic effects of apigenin**  
ZENGİN N., YÜZBAŞIOĞLU D., ÜNAL F.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXXI. **Genotoxicity of copper oxide nanoparticles in human lymphocytes by micronucleus assay**  
Saygılı Y., ÜNAL F., YÜZBAŞIOĞLU D.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXXII. **Antigenotoxic effects of  $\alpha$ -tocopherol against MMC-induced SCE formation**  
SEVİMLİ K., YÜZBAŞIOĞLU D., ÜNAL F.  
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 14 - 18 November 2012
- CLXXIII. **Gıda koruyucu maddeler ve genotoksitesite**  
YÜZBAŞIOĞLU D., ZENGİN N., ÜNAL F.  
Türkiye 11. Gıda Kongresi, Hatay, Turkey, 10 - 12 October 2012
- CLXXIV. **Tüp bebek tedavisi gören bayanlarda genetik hasarın kromozomal anormallik testi ile belirlenmesi**  
ÖZDEN S., YÜZBAŞIOĞLU D., ÜNAL F., ÖZEL M.  
The First International Biology Congress, 24 - 26 September 2012
- CLXXV. **Amorf silika nanopartiküllerinin in vitro insan lenfositlerindeki genotoksik etkilerinin mikronukleus testi ile belirlenmesi**  
SAYGILI Y., ÜNAL F., DEMİRTAŞ KORKMAZ F., YÜZBAŞIOĞLU D.  
The First International Biology Congress, 24 - 26 September 2012
- CLXXVI. **Antidepresan milnacipran'ın in vitro genotoksik etkilerinin kromozomal anormallik ve komet testleriyle belirlenmesi**  
AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÜNAL F.  
The First International Biology Congress, 24 - 26 September 2012

- CLXXVII. **Titanyum dioksit nanopartiküllerinin in vitro insan lenfositlerindeki genotoksik etkileri**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., EROL Ö., SULUDERE Z., YÜZBAŞIOĞLU D.  
The First International Biology Congress, Bishkek, Kyrgyzstan, 24 - 26 September 2012
- CLXXVIII. **Gagea Salisb. cinsinden Türkiyede'deki Gagea bohemica (Zauschn.) Schult. Schult.f., G.reticulata (Pall.) Schult. Schult.f. ve G.bulbifera (Pall.) Salisb. türlerinin karyolojisi**  
GÜNEŞ G. N., ÜNAL F., TEKŞEN M., YÜZBAŞIOĞLU D., KARAMAN ERKUL S.  
The First International Biology Congress, 24 - 26 September 2012
- CLXXIX. **Evaluation of the Genotoxic Potential of Clomiphene Citrate in Human Lymphocytes Using Chromosomal Aberration and Micronucleus Assay**  
YILMAZ S., ÜNAL F., BEYZİ E., YÜZBAŞIOĞLU D., ERKAL İLHAN S.  
42nd Annual European Environmental Mutagen Society Meeting, 16 - 20 September 2012
- CLXXX. **Evaluation of the genotoxic potential of Chlomiphene Citrate in human limphocytes using Chromosomal Abberation and Micronucleus Assay**  
YILMAZ S., ÜNAL F., YILMAZ E., YÜZBAŞIOĞLU D., ERKAL İLHAN S.  
EEMS European environmental mutagen society, 16 - 20 September 2012
- CLXXXI. **Evaluating the genotoxicity of titanium dioxide nanoparticles using micronucleus test in human lymphocytes in vitro**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., YÜZBAŞIOĞLU D.  
8th Nanoscience and Nanotechnology Conference, 27 June - 01 July 2012
- CLXXXII. **In vitro genotoxic effects of silicon dioxide nanoparticles in human lymphocytes**  
SAYGILI Y., ÜNAL F., YÜZBAŞIOĞLU D., DEMİRTAŞ KORKMAZ F.  
Nanosafety Congress, 26 - 28 April 2012
- CLXXXIII. **Assessment of antidepressant drug trazodone genotoxicity in human peripheral lymphocytes using micronucleus assay**  
AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÜNAL F.  
Nanosafety Congress, 26 - 28 April 2012
- CLXXXIV. **Effect of zinc oxide nanoparticles (ZnO NPs) on the frequency of micronuclei in human lymphocytes in vitro**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., GÜNEŞ G. N., YÜZBAŞIOĞLU D.  
Nanosafety Congress, 26 - 28 April 2012
- CLXXXV. **Chromosomal Abnormalities Induced By Nanosized Titanium Dioxide Nanoparticles In Vitro**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., YÜZBAŞIOĞLU D.  
Nanosafety Congress, 26 - 28 April 2012
- CLXXXVI. **Sürekli Ayaktan Periton Diyalizi Yapan Hastalarda DNA Hasarının Comet Testi ile Değerlendirilmesi**  
NAS A. P., ALTOK K., ÖNEÇ K., YÜZBAŞIOĞLU D., MAMUR S., ÜNAL F., İNAL S., ERTEN Y.  
28.Ulusal Nefroloji, Hipertansiyon Diyaliz Ve Transplantasyon Kongresi, Antalya, Turkey, 19 - 23 October 2011
- CLXXXVII. **Sister chromatid exchanges induced by titanium dioxide nanoparticles in human peripheral lymphocytes**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., YÜZBAŞIOĞLU D.  
7th Nanoscience and Nanotechnology Conference, 27 June 1911 - 01 July 2011
- :LXXXVIII. **Evaluation of the genotoxic potential of the dichlorprop butoxyethyl ester in human lymphocytes**  
ÜNAL F., YÜZBAŞIOĞLU D., ÇELİK M., AKSOY H., YILMAZ S.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CLXXXIX. **Micronucleus test in human peripheral lymphocytes treated with two food preservative combinations: sodium benzoate and potassium sorbate**  
ZENGİN N., MAMUR S., YÜZBAŞIOĞLU D., ÜNAL F.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXC. **Antigenotoxic effects of Vitamin A (Retinol) against methyl methane sulfonate induced micronucleus in human lymphocytes in vitro**  
FİLİZ F., ÜNAL F., YÜZBAŞIOĞLU D.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 September - 18 August

2010

- CXCI. **Sister chromatid exchanges produced by antidepressant drug trazodone in human peripheral lymphocytes**  
AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÜNAL F.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXCII. **Determination of possible genetic damage in  $\beta$ -thalassaemia major patients using sister chromatid exchanges**  
GÖKÇE H., YÜZBAŞIOĞLU D., ÜNAL F., UYSAL Z.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXCIII. **Genotoxicity of zinc oxide nanoparticles in human lymphocytes assessed by comet assay**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., EROL Ö., SULUDERE Z., YÜZBAŞIOĞLU D.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXCIV. **Antigenotoxic effects of caffeic acid phenethyl ester (CAPE) against MMC induced damages in human peripheral lymphocytes in vitro**  
SARAÇ Ö., ÜNAL F., YÜZBAŞIOĞLU D.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXCV. **In vivo genotoxic effects of two organophosphorous insecticides: acephate and mephosfolan**  
AKSOY H., YÜZBAŞIOĞLU D., ÜNAL F., YILMAZ S., ÇELİK M.  
40th Annual Meeting of the European Environmental Mutagen Society, Oslo, Norway, 15 - 18 September 2010
- CXCVI. **Gıda katkı maddesi olan potasyum benzoatın in vitro genotoksik etkilerinin kromozomal anormallik, kardeş kromatit değişimi ve comet testleriyle belirlenmesi**  
ZENGİN N., YÜZBAŞIOĞLU D., AKSOY H., ÜNAL F.  
XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CXCVII. **Kafeik Asit Fenetil Eseterin genotoksik ve mitomisin-C'ye karşı antijenotoksik etkilerinin mikronükleus testi ile değerlendirilmesi**  
SARAÇ Ö., TANER G., ÜNAL F., YÜZBAŞIOĞLU D.  
XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CXCVIII. **Organofosfat grubu trichlorfon insektisitinin genotoksik etkilerinin insan lenfositlerinde belirlenmesi**  
TİMOROĞLU İ., YÜZBAŞIOĞLU D., ÜNAL F., AKSOY H., YILMAZ S.  
XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CXCIX. **Kafeik Asit Fenetil Ester(CAPE)'in hidrojen peroksite karşı antijenotoksik etkileri**  
SARAÇ Ö., TANER G., ÜNAL F., YÜZBAŞIOĞLU D.  
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CC. **Comet testinde insan periferel kan lenfositlerinin dondurularak kullanımı için bir metod denemesi**  
GÖKÇE H., YÜZBAŞIOĞLU D., TANER G., ÜNAL F.  
XX. Ulusal Biyoloji Kongresi, Pamukkale Üniversitesi, Denizli, Turkey, 21 - 25 June 2010
- CCI. **(-)-Epigallokateşin gallat'ın mitomisin-C kaynaklı mikronükleus oluşumuna karşı antijenotoksik etkileri**  
SARAÇ Ö., ÜNAL F., TANER G., YÜZBAŞIOĞLU D.  
XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CCII. **Titanium dioxide (TiO<sub>2</sub>) genotoxicity in human lymphocytes assessed by the alkaline comet assay**  
DEMİRTAŞ KORKMAZ F., ÜNAL F., SULUDERE Z., EROL Ö., ÜNAL H. İ., YÜZBAŞIOĞLU D., TANER G.  
Nanobilim ve Nanoteknoloji Konferansı (NanoTR6), İzmir, Turkey, 15 - 18 June 2010
- CCIII. **Phorate insektisitinin genotoksik etkilerinin insan lenfositlerinde belirlenmesi**  
TİMOROĞLU İ., YÜZBAŞIOĞLU D., ÜNAL F., YILMAZ S., AKSOY H.  
IX.Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, Turkey, 7 - 10 October 2009
- CCIV. **Genotoxic effects of sodium benzoate in human lymphocytes in vitro**  
YÜZBAŞIOĞLU D., ZENGİN N., ÜNAL F., YILMAZ S.  
10. International Conferences on Environmental Mutagens, 39. Annual Meeting of the European Environmental Mutagen Society, FLORANSA, Italy, 20 August - 25 September 2009



- CCV. **Genotoxic effects of diclofop methyl on mammalian cells in vivo and in vitro**  
ÜNAL F., YÜZBAŞIOĞLU D., YILMAZ S., AKINCI N., AKSOY H.  
10th International Conferences on Environmental Mutagens, 39th Annual Meeting of the European Environmental Mutagen Society, FLORANSA, 20 - 25 August 2009
- CCVI. **Genotoxicity testing of aclonifen in vivo and in vitro**  
AKSOY H., YÜZBAŞIOĞLU D., ÜNAL F., TANER G., YILMAZ S., ÇELİK M.  
10th International Conferences on Environmental Mutagens, 39th Annual Meeting of the European Environmental Mutagen Society, FLORANSA, Italy, 22 - 25 August 2009
- CCVII. **Genotoxic and antigenotoxic effects of (-)-epigallocatechine gallate (egcg) against mitomycin-c induced chromosomal aberrations and sister chromatid exchanges in human lymphocytes in vitro**  
SARAÇ Ö., FİLİZ F., ÜNAL F., YÜZBAŞIOĞLU D., TANER G., AKSOY H., YILMAZ S.  
10th International Conferences on Environmental Mutagens, 39th Annual Meeting of the European Environmental Mutagen Society, FLORANSA, Italy, 20 - 25 August 2009
- CCVIII. **In vivo genotoxic effects of citric acid in mouse bone marrow cells**  
YILMAZ S., ÜNAL F., AKSOY H., ÇELİK M., YÜZBAŞIOĞLU D.  
10th International Conferences on Environmental Mutagens, 39th Annual Meeting of the European Environmental Mutagen Society, FLORANSA, Italy, 20 - 25 August 2009
- CCIX. **Antigenotoxic effects of lipoic acid Against mitomycin-c on human lymphocyte cultures**  
TANER G., ÜNAL F., YÜZBAŞIOĞLU D., YILMAZ S.  
10. International Conferences on Environmental Mutagens, 39. Annual Meeting of the European Environmental Mutagen Society, FLORANSA, 20 - 25 August 2009
- CCX. **Evaluation of sodium sorbate genotoxicity in human lymphocytes in vitro**  
MAMUR S., YÜZBAŞIOĞLU D., AKSOY H., ÜNAL F.  
10th International Conferences on Environmental Mutagens, 39th Annual Meeting of the European Environmental Mutagen Society, FLORANSA, Italy, 20 - 25 August 2009
- CCXI. **Mephosfolan İnsektisitinin in vitro Genotoksik Etkileri**  
ÖZKAN VARDAR D., YÜZBAŞIOĞLU D., ÜNAL F., YILMAZ S., AKSOY H.  
XIX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- CCXII. **Metominostrobin ve Emamectin Benzoate Pestisitlerinin In vitro Genotoksik Etkileri**  
YILMAZ S., ÜNAL F., YÜZBAŞIOĞLU D., AKSOY H., ÇELİK M.  
XIX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- CCXIII. **Kalsiyum Propiyonatin İnsan Periferik Lenfositlerinde In vitro Genotoksik Etkileri**  
YILMAZ S., ÜNAL F., YÜZBAŞIOĞLU D.  
XIX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- CCXIV. **Potasyum Sorbatın Kardeş Kromatit Değişimi, Kromozomal Anormallik ve Comet Testleri ile Genotoksik Etkilerinin Belirlenmesi**  
MAMUR S., YÜZBAŞIOĞLU D., ÜNAL F., YILMAZ S.  
XIX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- CCXV. **Lipoik Asit ve Ferulik Asitin İnsan Lenfosit Kültüründe Mitomisin-C'ye Karşı Antigenotoksik Etkileri**  
TANER G., ÜNAL F., YÜZBAŞIOĞLU D., YILMAZ S.  
XIX. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- CCXVI. **Sister chromatid exchange and micronuclei in human peripheral lymphocytes treated with diclofop-methyl in vitro**  
ÜNAL F., KAPLAN Ü., YILMAZ S., YÜZBAŞIOĞLU D.  
37. Annual Meeting of the European Environmental Mutagen Society, Basel, Switzerland, 9 - 13 September 2007
- CCXVII. **Assessment of phosphoric acid genotoxicity in human peripheral lymphocytes in vitro**  
YILMAZ S., ÜNAL F., AKSOY H., YÜZBAŞIOĞLU D., ÇELİK M.  
37. Annual Meeting of the European Environmental Mutagen Society, Basel, Switzerland, 9 - 13 September 2007
- CCXVIII. **Clastogenic effects of four food additives in human lymphocytes in vitro**  
YILMAZ S., ÜNAL F., YÜZBAŞIOĞLU D., AKSOY H.  
37. Annual Meeting of the European Environmental Mutagen Society, Basel, Switzerland, 9 - 13 September 2007

- CCXIX. **Evaluation of cytogenetic and DNA damage induced by the organophosphate insecticide acephate**  
YÜZBAŞIOĞLU D., ÖZKAN VARDAR D., ÜNAL F., YILMAZ S., AKSOY H.  
37. Annual Meeting of the European Environmental Mutagen Society, Basel, Switzerland, 9 - 13 September 2007
- CCXX. **Genotoxicity of vantez-A pyrethroid insecticide- in mammalian cells**  
ÜNAL F., YILMAZ S., YÜZBAŞIOĞLU D., AKSOY H., ÇELİK M.  
36. Annual Meeting of the European Environmental Mutagen Society, PRAG, Czech Republic, 2 - 06 July 2006
- CCXXI. **Screening of food additive benzoic acid for its genotoxic properties in human lymphocytes in culture**  
YILMAZ S., ÜNAL F., YÜZBAŞIOĞLU D.  
36. Annual Meeting of the European Environmental Mutagen Society, PRAG, Czech Republic, 2 - 06 July 2006
- CCXXII. **In vivo and in vitro genotoxicity testing of the antifungal drug triflucan**  
YÜZBAŞIOĞLU D., AKSOY H., ÇELİK M., ÜNAL F., YILMAZ S.  
36. Annual Meeting of the European Environmental Mutagen Society, PRAG, Czech Republic, 2 - 06 July 2006
- CCXXIII. **Benzoik Asitin A. Sativum (L.) Kök Ucu Hücrelerinde Sitogenetik Etkileri**  
ÜNAL F., YILMAZ S., YÜZBAŞIOĞLU D., AKSOY H., ÇELİK M.  
XVIII. Ulusal Biyoloji Kongresi, Aydın, Turkey, 26 - 30 June 2006
- CCXXIV. **Triadimenol Fungisitinin In vitro Genotoksik Etkileri**  
DEMİR H., ÜNAL F., YÜZBAŞIOĞLU D., AKSOY H., YILMAZ S., ÇELİK M.  
XVIII. Ulusal Biyoloji Kongresi, Aydın, Turkey, 26 - 30 June 2006
- CCXXV. **In vitro genotoxic effects of Fluoxetine**  
TARHAN G. H., ÜNAL F., YÜZBAŞIOĞLU D., YILMAZ S.  
II. International Environmental Protection Symposium, Kütahya, Turkey, 8 - 10 September 2005
- CCXXVI. **In vitro testing for genotoxicity of the insecticide Methidathion**  
DEMİR H., ÜNAL F., YILMAZ S., ÇELİK M., YÜZBAŞIOĞLU D.  
II. International Environmental Protection Symposium, Kütahya, Turkey, 8 - 10 September 2005
- CCXXVII. **Genotoxicity Study in Lymphocytes of Offset Printing Workers**  
AKSOY H., YILMAZ S., ÇELİK M., YÜZBAŞIOĞLU D., ÜNAL F.  
II. International Environmental Protection Symposium, Kütahya, Turkey, 8 - 10 September 2005
- CCXXVIII. **Genotoxicity studies on the fungicide Hexacanazole in Mouse bone-marrow cells**  
YILMAZ S., ÇELİK M., AKSOY H., ÜNAL F., YÜZBAŞIOĞLU D.  
II. International Environmental Protection Symposium, Kütahya, Turkey, 8 - 10 September 2005
- CCXXIX. **Dinocap Fungisitinin İnsan Periferik Lenfositlerinde Genotoksik Etkileri**  
ÇELİK M., ÜNAL F., ARSLAN O., YÜZBAŞIOĞLU D., ERGÜN M. A.  
XVII. Ulusal Biyoloji Kongresi, Adana, Turkey, 21 - 24 June 2004
- CCXXX. **Afegan Fungisitinin Allium cepa L. Kök Ucu Hücrelerinde ve Kültürdeki İnsan Periferik Lenfosit Hücrelerinde Sitogenetik Etkileri**  
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- CCXXXI. **Methidathion İnektisitinin Allium cepa Kök Ucu Hücrelerinde Mitoz Bölünme ve Kromozomlara Etkisi**  
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ÇELİK M., YÜZBAŞIOĞLU D., ÜNAL F., ARSLAN O.  
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MARTLI H. A., YÜZBAŞIOĞLU D., ÜNAL F.  
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CCXXXVI. **Giemsa C-banding distribution in the genus Lathyrus**

ÜNAL F., YÜZBAŞIOĞLU D.

II. Uluslararası Kızılırmak Fen Bilimleri Kongresi, Kırıkkale, Turkey, 20 - 22 May 1998

CCXXXVII. **Sternbergia clusiana (Ker-Gawl.) Ker-Gawl. ve S. colchiciflora Waldst. and Kit.'nın karyotipi**

YÜZBAŞIOĞLU D., ÜNAL F., DUMAN H.

Kızılırmak Fen Bilimleri Kongresi 1997, Kırıkkale, Turkey, 14 - 16 May 1997

:CXXXVIII. **Sternbergia lutea (L.) Ker-Gawler ex Sprengel ve S. sicula Tineo ex Guss.'da mitotik kromozomların C-bandı analizi**

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## Supported Projects

YÜZBAŞIOĞLU D., DEMİREL H. B., Project Supported by Higher Education Institutions, Kluyveromyces marxianus M59 suşundan izole edilen ekzopolisakkaritin in vitro insan lenfositlerinde genotoksik, antigenotoksik ve epigenetik değişiklikler üzerine etkileri, 2024 - Continues

ÜNAL F., YÜZBAŞIOĞLU D., AKBAŞ E., YILMAZ E. A., Project Supported by Higher Education Institutions, Gıda Katkı Maddelerinden Sitrik Asitin Monosodyum Glutamat ve Ksilitol ile Birlikte Genotoksik Etkilerinin İncelenmesi, 2024 - Continues

YÜZBAŞIOĞLU D., Yıldırım S., Project Supported by Higher Education Institutions, Pichia kudriavzeviiden elde edilen ekzopolisakkaritin in vitro insan lenfositlerinde genotoksik antigenotoksik ve epigenetik değişiklikler üzerine etkileri, 2023 - Continues

Yüzbaşıoğlu D., Ünal F., Yılmaz E. A., Çınar Kul B., Demiray A., Çoban S., Akçay A., Arslan H. O., Akkurt M. Y., Ünal İ., et al., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Gen Bankası Materyalinde Dondurma ve Saklama Koşullarının DNA Temelli Değerlendirilmesi ve Yeni Materyal Eklenmesi, 2023 - 2025

Yüzbaşıoğlu D., Ünal F., Okuş F., Avuloğlu Yılmaz E., Yüksekdağ Z., Project Supported by Higher Education Institutions, Yeşil Sentez ile Elde Edilen Gümüş Nanopartiküllerin Neden Olduğu Genotoksik Etkilerin ve Epigenetik Değişikliklerin Belirlenmesi, 2022 - 2024

Yüzbaşıoğlu D., Çakmak G., Sarı N., Ünal F., Hasanoğlu Özkan E., Şimay Demir Y. D., TUBITAK Project, Tetrazolato ligandı ve platin kompleksinin in siliko yaklaşım ve in vitro genotoksiste yöntemleriyle prelinik güvenliliğinin değerlendirilmesi, 2022 - 2024

MAMUR S., YÜZBAŞIOĞLU D., ÜNAL F., BÜLBÜL S. N., Project Supported by Higher Education Institutions, Gıdalarda Tatlandırıcı Olarak Kullanılan Yüksek Fruktozlu Mısır Şurubu ve Asesülfam Potasyumun In Vitro Sitotoksik ve Genotoksik Etkileri, 2020 - 2022

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Yüzbaşıoğlu D., Ünal F., Özel Ç. A., Project Supported by Higher Education Institutions, Vermikompostun Genotoksik ve Antigenotoksik Etkilerinin Bitki Doku Kültüründe Allium Testi ile İncelenmesi, 2020 - 2021

ÜNAL F., YÜZBAŞIOĞLU D., KIZILKAYA D., Project Supported by Higher Education Institutions, Demir Oksit (Fe2O3) Nanopartiküllerinin Allium cepa'daki Genotoksik Etkisi, 2019 - 2021

Yüzbaşıoğlu D., Ünal F., Suludere Z., Project Supported by Higher Education Institutions, Lactobacillus salivarius KC27L Suşundan İzole Edilen Ekzopolisakkaritin in vitro Genotoksik ve Antigenotoksik Etkileri, 2019 - 2021

Ünal F., Akbaş E., Yüzbaşıoğlu D., Project Supported by Higher Education Institutions, Manyetik Rezonans Görüntüleme Kullanılan Gadobutrol ve Gadoversetamid Etken Maddelerinin İnsan Periferik Lenfositlerinde in vitro Genotoksik Etkisi, 2019 - 2021

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Etkileri, 2018 - 2020

Ünal F., Korkmaz N., Yüzbaşıoğlu D., Project Supported by Higher Education Institutions, İğnemesi TiO<sub>2</sub> ve Polirodanin Kaplı-İğnemesi TiO<sub>2</sub> Nanopartiküllerinin İnsan Lenfositlerindeki in vitro Genotoksik Etkileri, 2018 - 2019

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Düzenleyicilerinden 2,4-D'nin Genotoksik Etkilerinin Bitki Doku Kültüründe Allium testi ile İncelenmesi, 2014 - 2016

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Ünal F., Yüzbaşıoğlu D., Project Supported by Higher Education Institutions, Bazı fenolik asitlerin gallic acid coumaric acid ferulic acid ellagic acid chlorogenic acid genotoksik ve antigenotoksik etkilerinin comet testi ile belirlenmesi, 2010 - 2012

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Ünal F., Yüzbaşıoğlu D., Koç F., Mamur S., Öztemel S., Project Supported by Other Official Institutions, Squalen Maddesinin in vivo ve in vitro Genotoksik Etkileri, 2010 - 2011

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Ünal F., Yüzbaşıoğlu D., Project Supported by Higher Education Institutions, Triadimenol Fungisitinin Allium cepa L da Sitogenetik Etkileri, 2003 - 2005

Ünal F., Yüzbaşıoğlu D., Project Supported by Higher Education Institutions, Bazı Fosfat Bileşiklerinin Allium cepa Kromozomlarına Etkisi, 1997 - 1999

Ünal F., Duman H., Yüzbaşıoğlu D., TUBITAK Project, Türkiye Sternbergia (Waldst. and Kit.)'larının Taksonomik ve Karyolojik Yönden Araştırılması, 1994 - 1996

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Gazi Üniversitesi Fen fakültesi Dergisi, First Editor, 2020 - Continues

Gazi University Journal of Science, First Editor, 2018 - 2022

## Scientific Refereeing

TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, August 2024

HELIYON, SCI Journal, December 2023

Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, December 2023

MUTATION RESEARCH - FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS, SCI Journal, October 2023

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MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS, SCI Journal, February 2022

JOURNAL OF FOOD SCIENCE, Journal Indexed in SCI-E, November 2021

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DRUG AND CHEMICAL TOXICOLOGY, Journal Indexed in SCI-E, May 2020

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DRUG AND CHEMICAL TOXICOLOGY, SCI Journal, July 2018

GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, December 2017

DRUG AND CHEMICAL TOXICOLOGY, SCI Journal, November 2017

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## Metrics

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## Awards

Yüzbaşıoğlu D., Ünal F., Tübitak Yayın Teşvik Ödülü 2020, Tübitak, June 2020

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Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2015, Tübitak, February 2015

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Yüzbaşıoğlu D., Ünal F., Yayın teşvik Ödülü 2010, Tübitak, March 2010

Yüzbaşıoğlu D., Ünal F., yayın Teşvik Ödülü 2009, Tübitak, December 2009

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Yüzbaşıoğlu D., Ünal F., Yayın teşvik Ödülü, Tübitak, January 2008

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik ödülü 2007, Tübitak, May 2007

## Non Academic Experience

Gazi Üniversitesi