

## Prof. FATMA ÜNAL

### Personal Information

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### International Researcher IDs

ScholarID: WLIP93kAAAAJ

ORCID: 0000-0002-7468-6186

Publons / Web Of Science ResearcherID: F-8490-2015

ScopusID: 7004407682

Yoksis Researcher ID: 1384

### Education Information

Doctorate, The University of Manchester, Faculty of Biology, Medicine and Health, Cell and Structural Biology, United Kingdom 1989 - 1993

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

Undergraduate, Ankara University, Faculty Of Science, Department Of Biology, Turkey 1981 - 1985

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, GENOMIC AND CHROMOSOMAL EVOLUTION IN LATHYRUS, The University of Manchester, Faculty of Biology, Medicine and Health, Cell and Structural Biology, 1993

Postgraduate, Kamışsı yumak (*Festuca arundinacea* schreb) x çok yıllık çim (*Lolium perenne* L.) doğal melezinden kolkisin etkisi ile amfidiploid elde edilmesi, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 1988

### Research Areas

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

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Biyoloji, 2011 - Continues

Professor, Gazi University, Fen Fakültesi, Biyoloji, 2003 - 2011

Associate Professor, Gazi University, Fen Fakültesi, Biyoloji, 1997 - 2003

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji, 1993 - 1997

Research Assistant, Gazi University, Fen Fakültesi, Biyoloji, 1985 - 1993

## Academic and Administrative Experience

Head of Department, Gazi University, Fen Fakültesi, Biyoloji, 2011 - 2023

Member of the Senate, Gazi University, Fen Fakültesi, 2016 - 2022

Değişim Programları Fakülte Koordinatörü, Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2021

BAP Scientific Commissioner, Gazi University, Fen Fakültesi, Biyoloji, 2011 - 2012

Erasmus Coordinator, Gazi University, Fen Fakültesi, 2011 - 2012

## Courses

MEDICAL GENETICS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

COMET ASSAY IN TOXICOLOGY, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

GENETICS, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2016 - 2017

GENETICS, Undergraduate, 2023 - 2024

RESEARCH PROJECT-II, Undergraduate, 2023 - 2024, 2019 - 2020

METHODS IN GENETIC DIAGNOSIS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

GENETIC TOXICOLOGY AND CANCER RISK, Postgraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

RESEARCH PROJECT-I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2016 - 2017

## Advising Theses

Ünal F., GENOTOXIC AND ANTIGENOTOXIC EFFECT OF BORIC ACID, Postgraduate, F.Hamoud(Student), 2023

Ünal F., Fe<sub>2</sub>O<sub>3</sub> nano- ve mikro-partiküllerinin memelilerdeki genotoksik etkileri, Postgraduate, T.ÖZER(Student), 2023

ÜNAL F., Genotoxic Effect Of Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) Nanoparticles On Allium Cepa, Postgraduate, D.KIZILKAYA(Student), 2021

Ünal F., Genotoxic Effects Of Gadobutrol And Gadoversetamide Active Substances Used In Magnetic Resonance Imaging In Human Lymphocytes, Postgraduate, E.DİMİCİ(Student), 2020

ÜNAL F., Comparison Of In Vitro Genotoxic Effects Of Needle-Like And Spheric Titanium Dioxide (TiO<sub>2</sub>) Nanoparticles (Nps) In Human Periferal Blood Lymphocyte, Postgraduate, K.AKKURT(Student), 2019

ÜNAL F., Genotoxic Effects Of Rod Like Titanium Dioxide And Pedot Coated Rod Like Titanium Dioxide Nanoparticles, Postgraduate, İ.FUNDA(Student), 2019

ÜNAL F., Genotoxic Effects Of Needle Like And Polyrhodanine Coated Needle Like TiO<sub>2</sub> Nanoparticles In Human Lymphocytes, Postgraduate, N.KORKMAZ(Student), 2018

ÜNAL F., Genotoxic Effects Of Some Nanoparticles (SiO<sub>2</sub>, CuO, Fe<sub>2</sub>O<sub>3</sub>) In Human Peripheral Lymphocytes In Vitro, Doctorate, Y.SAYGILI(Student), 2015

ÜNAL F., Genotoxic effects of copper oxide and silicon dioxide nanoparticles in Allium cepa, Postgraduate, Ö.ÇALBAY(Student), 2014

ÜNAL F., Karyology of some gagea species, Postgraduate, G.GÜNEŞ(Student), 2013

ÜNAL F., Assesment of genotoxic effects of Titanium dioxide and Zinc oxide nanoparticles in human lymphocytes in vitro, Postgraduate, F.DEMİRTAŞ(Student), 2012

ÜNAL F., Genotoxic and antigenotoxic effects of retinol and alfa tokoferol, Postgraduate, F.FİLİZ(Student), 2011

ÜNAL F., (-)-epigallocateşin gallat (EGCG) ve kafeik asit fenetil esterin (CAPE) genotoksik ve antigenotoksik etkileri, Postgraduate, Ö.SARAÇ(Student), 2010

ÜNAL F., GENOTOXIC AND ANTIGENOTOXIC EFFECTS OF (-)-EPIGALLOCATECHINE GALLATE AND CAFFEIC ACID PHENETYL ESTER, Postgraduate, Ö.SARAÇ(Student), 2010

ÜNAL F., Modifiye edilmiş gümüş nanoparçacıkların hücresel alımları ve sitotoksitesi, Postgraduate, D.ÇAM(Student),

2009

- ÜNAL F., Farklı muscari türlerinin in vitro soğancık üretimi, Doctorate, Ç.ALEV(Student), 2008
- Ünal F., IN VITRO BULBLET PRODUCTION OF DIFFERENT MUSCARI SPECIES, Doctorate, Ç.Alev(Student), 2008
- ÜNAL F., THE GENOTOXIC EFFECTS OF SOME FOOD ADDITIVES, Doctorate, S.YILMAZ(Student), 2008
- ÜNAL F., ANTIGENOTOXIC EFFECTS OF LIPOIC ACID AND FERULIC ACID AGAINST MYTOMYCINE-C ON HUMAN LYMPHOCYTE CULTURES, Postgraduate, G.TANER(Student), 2007
- ÜNAL F., Elektromanyetik alanların insan lenfosit kültürü ve bazı bitkiler üzerine genetik etkileri, Doctorate, H.AKSOY(Student), 2006
- ÜNAL F., Antidepresan olarak kullanılan prozac ve paxil ilaçlarının insan lenfosit kültüründeki genotoksik etkileri, Postgraduate, G.HİLAL(Student), 2006
- ÜNAL F., Methidathion ve triadimenol pestisitlerinin insan lenfosit kültürlerindeki genotoksik etkileri, Postgraduate, H.DEMİR(Student), 2005
- AYTAÇ Z., ÜNAL F., Bazı Astragalus L. türlerinin karyolojisi, Postgraduate, D.KARAMANLI(Student), 2005
- ÜNAL F., Triadimenol fungisitinin Allium Cepa L. kök ucu hücrelerinde stogenetik etkileri, Postgraduate, A.MARTILI(Student), 2004
- ÜNAL F., AYTAÇ Z., Akdeniz bölgesindeki Fritillaria L. (Liliaceae) cinsinin revizyonu, Doctorate, M.TEKŞEN(Student), 2004
- ÜNAL F., Methidathion insektisitinin Allium cepa L. kök ucu hücrelerinde mitoz bölünme ve kromozomlara etkisi, Postgraduate, N.DURDU(Student), 2003
- ÜNAL F., Dinocap fungisitinin Allium cepa L. kök ucu hücreleri ve insan periferik lenfositlerinde sitogenetik etkileri, Doctorate, M.ÇELİK(Student), 2003
- DUMAN H., ÜNAL F., Türkiye Sideritis L. (Lamiaceae) türleri üzerinde karyolojik bir araştırma, Doctorate, E.MARTİN(Student), 2003
- ÜNAL F., Bazı Ebenus L. türlerinin karyolojisi, Postgraduate, F.ÜZKURT(Student), 2001
- ÜNAL F., Illoxan ve Racer herbisitlerinin Allium cepa L. kök ucu hücrelerinde mitoz bölünmeye ve kromozomlara etkileri, Doctorate, D.YÜZBAŞIOĞLU(Student), 2001
- ÜNAL F., Bazı Ebenus L. türlerinin karyolojisi, Postgraduate, H.AKSOY(Student), 1998
- ÜNAL F., Sternbergia fischeriana (Herbert) rupr. ve sternbergia candida (Mathew ve T.Baytop)'nın karyolojik özellikleri, Postgraduate, A.SUNGUR(Student), 1997
- ÜNAL F., Bazı Sternbergia Wadst. and Kit. türlerinin karyolojisi, Postgraduate, D.YÜZBAŞIOĞLU(Student), 1996

## Jury Memberships

- Doctorate, Doctorate, Ankara Üniversitesi, March, 2024
- Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Eskişehir Teknik Üniversitesi, March, 2023
- Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, January, 2023
- Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, December, 2022
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kırşehir Ahi Evran Üniversitesi, September, 2021
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2021
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2021
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2021
- Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020
- Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2020

## 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. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **Genotoxic effects of gadobutrol and gadoversetamide active substances used in magnetic resonance imaging in human peripheral lymphocytes in vitro**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.6, pp.2471-2482, 2022 (SCI-Expanded)
- XII. **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)
- XIII. **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)

- XIV. **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)
- XV. **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)
- XVI. **Determination of genotoxic effects in hemodialysis patients with chronic kidney disease and the role of diabetes mellitus and other biochemical parameters**  
Mamur S., Yüzbaşıoğlu D., Altok K., Ünal F., Deger S. M.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.844, pp.46-53, 2019 (SCI-Expanded)
- XVII. **In vitro genotoxic and antigenotoxic effects of cynarin**  
Erikel E., Yüzbaşıoğlu D., Ünal F.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.237, pp.171-181, 2019 (SCI-Expanded)
- XVIII. **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)
- XIX. **Investigation of in vitro genotoxic effects of an anti-diabetic drug sitagliptin**  
YÜZBAŞIOĞLU D., Enguzel-Alperen C., ÜNAL F.  
FOOD AND CHEMICAL TOXICOLOGY, vol.112, pp.235-241, 2018 (SCI-Expanded)
- XX. **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)
- XXI. **EVALUATION OF GENOTOXICITY OF PICLORAM BY ALLIUM TEST IN PLANT TISSUE CULTURE**  
ÖZEL Ç. A., Ozkul M., ÜNAL F., YÜZBAŞIOĞLU D.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8133-8138, 2018 (SCI-Expanded)
- XXII. **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)
- XXIII. **Evaluation of genotoxic effects of 3-methyl-5-(4- carboxycyclohexylmethyl)-tetrahydro-2h-1,3,5-thiadiazine-2-thione on human peripheral lymphocytes**  
Avuloglu-Yilmaz E., YÜZBAŞIOĞLU D., ÖZÇELİK A. B., ERSAN S., ÜNAL F.  
Pharmaceutical Biology, vol.55, no.1, pp.1228-1233, 2017 (SCI-Expanded)
- XXIV. **Does 2,4-dichlorophenoxyacetic acid (2,4-D) induce genotoxic effects in tissue cultured Allium roots?**  
Ozkul M., ÖZEL Ç. A., YÜZBAŞIOĞLU D., ÜNAL F.  
CYTOTECHNOLOGY, vol.68, no.6, pp.2395-2405, 2016 (SCI-Expanded)
- XXV. **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)
- XXVI. **Genotoxicity of monosodium glutamate**  
Ataseven N., Yüzbaşıoğlu D., Çelebi Keskin A., Ünal F.  
FOOD AND CHEMICAL TOXICOLOGY, vol.91, pp.8-18, 2016 (SCI-Expanded)
- XXVII. **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., Yüzbaşıoğlu D.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.800, pp.22-27, 2016

(SCI-Expanded)

- XXVIII. **Factors affecting efficient in vitro micropropagation of *Muscari muscarimi* Medikus using twin bulb scale**  
ÖZEL Ç. A., KHAWAR K. M., ÜNAL F.  
SAUDI JOURNAL OF BIOLOGICAL SCIENCES, vol.22, no.2, pp.132-138, 2015 (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**  
Yılmaz 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., Yılmaz 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. **Morphological, palynological, seed-coat surface and karyological studies of *Hesperis bicuspidata* and *H. stellata* (Cruciferae) from Turkey**  
DURAN A., ÜNAL F., PINAR N. M., Cetin O.  
NORDIC JOURNAL OF BOTANY, vol.29, no.6, pp.641-651, 2011 (SCI-Expanded)
- XL. **Genotoxic Effects of Electromagnetic Fields from High Voltage Power Lines on Some Plants**  
Aksoy H., ÜNAL F., Ozcan S.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, vol.4, no.4, pp.595-606, 2010 (SCI-Expanded)
- XLI. **Does potassium sorbate induce genotoxic or mutagenic effects in lymphocytes?**  
Mamur S., Yüzbaşıoğlu D., Ünal F., Yılmaz S.  
TOXICOLOGY IN VITRO, vol.24, no.3, pp.790-794, 2010 (SCI-Expanded)

- XLII. IN VITRO PROPAGATION OF THE GOLDEN GRAPE HYACINTH (MUSCARI MACROCARPUM SWEET) FROM TWIN SCALE EXPLANTS**  
 ÖZEL Ç. A., KHAWAR K. M., Arslan O., ÜNAL F.  
 PROPAGATION OF ORNAMENTAL PLANTS, vol.9, no.4, pp.169-175, 2009 (SCI-Expanded)
- XLIII. Karyological studies on section Empedoclia of Sideritis (Lamiaceae) from Turkey**  
 Esra M., DUMAN H., ÜNAL F.  
 CARYOLOGIA, vol.62, no.3, pp.180-197, 2009 (SCI-Expanded)
- XLIV. 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)
- XLV. Evaluation of the Genotoxicity of Fusarium Mycotoxin Moniliformin in Human Peripheral Blood Lymphocytes**  
 ÇELİK M., Yılmaz S., Aksoy H., ÜNAL F., YÜZBAŞIOĞLU D., DÖNBAK L.  
 ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.50, no.5, pp.431-434, 2009 (SCI-Expanded)
- XLVI. Karyological study on six Trigonella L. species (Leguminosae) in Turkey**  
 Aykut Y., Martin E., ÜNAL F., AKAN H.  
 CARYOLOGIA, vol.62, no.2, pp.89-94, 2009 (SCI-Expanded)
- XLVII. Evaluation of the cytogenetic damage induced by the organophosphorous insecticide acephate**  
 Ozkan D., Yüzbaşıoğlu D., Ünal F., Yılmaz S., Aksoy H.  
 CYTOTECHNOLOGY, vol.59, no.2, pp.73-80, 2009 (SCI-Expanded)
- XLVIII. 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)
- XLIX. Karyological studies of five taxa of Sideritis L. (Lamiaceae) section Hesiodia Benth. from Turkey**  
 Esra M., DUMAN H., ÜNAL F.  
 CARYOLOGIA, vol.61, no.2, pp.115-122, 2008 (SCI-Expanded)
- L. Caryological study on four Hesperis L. (Cruciferae) taxa from the Diaplectos (Dvorak) Dvorak section in Turkey**  
 ÜNAL F., DURAN A., Martin E.  
 HEREDITAS, vol.145, no.2, pp.64-68, 2008 (SCI-Expanded)
- LI. Clastogenic effects of food additive citric acid in human peripheral lymphocytes**  
 Yılmaz S., ÜNAL F., YÜZBAŞIOĞLU D., Aksoy H.  
 CYTOTECHNOLOGY, vol.56, no.2, pp.137-144, 2008 (SCI-Expanded)
- LII. Genotoxicity testing of fluconazole in vivo and in vitro**  
 Yüzbaşıoğlu D., Ünal F., Yılmaz S., Aksoy H., Çelik M.  
 MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.649, pp.155-160, 2008 (SCI-Expanded)
- LIII. Cytogenetic effects of citric acid and benzoic acid on Allium chromosomes**  
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Seyrek A., Ünal F., Yüzbaşıoğlu D.  
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- IV. **Synthesize Characterization and Determination Of Some Biological Properties of Tetrazole-Containing Schiff Base Ligand and Its Pt(II) Complex**  
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- VI. **MOLECULAR DOCKING STUDY OF TETRAZOLATO LIGAND AND Pt(II) COMPLEX**  
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- VII. **THE EFFECT OF D-SORBITOL, A SWEETENER ADDITIVE IN FOOD, ON SISTER CHROMATID EXCHANGE IN HUMAN PERIPHERAL LYMPHOCYTES**  
Güneş B., Yüzbaşıoğlu D., Mamur S., Ünal F.  
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- VIII. **GIDALARDA TATLANDIRICI KATKI MADDESİ OLARAK KULLANILAN D- SORBİTOL'ÜN İNSAN PERİFERAL LENFOSİTLERİNDE KARDEŞ KROMATİT DEĞİŞİMİ ÜZERİNE ETKİSİ**  
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4. INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, KAPADOKYA, Turkey, 16 - 17 April 2023, pp.8-9
- IX. **In vitro genotoxicity assessment of gadobutrol by comet assay**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
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- X. **GREEN SYNTHESIZED METAL NANOPARTICLES APPEAR TO MEET THE LOW TOXICITY EXPECTATION: WHAT ABOUT GENOTOXICITY?**  
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- XI. **Genotoxic Effects of Fe<sub>2</sub>O<sub>3</sub> Nano- and Microparticles in Human Lymphocytes by the Chromosomal Abnormalities and Sister Chromatid Exchanges**  
Özer T., Ünal F., Yüzbaşıoğlu D.  
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- XII. **Evaluation of the Genotoxic and Antigenotoxic Effect of Boric Acid Against Mitomycin-C in Human Lymphocyte**  
Hamoud Moussa F., Ünal F., Akbaş E., Yüzbaşıoğlu D.  
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- XIII. **Demir Oksit (Fe<sub>2</sub>O<sub>3</sub>) Nanopartikül ve Mikropartikül Formunun Allium cepa Üzerindeki Genotoksik Etkisinin Comet Testi ile İncelenmesi**  
Kızılkaya D., Ünal F., Yüzbaşıoğlu D.  
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- XIV. **Overview of Palbociclib, the next-generation neoadjuvant chemotherapy agent**  
Duran İ. F., Ünal F., Yüzbaşıoğlu D.  
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- XV. **Genotoxic Effects of Fe<sub>2</sub>O<sub>3</sub> Nano- and Microparticles in Human Lymphocytes by the Comet Assay**  
Özer T., Ünal F., Yüzbaşıoğlu D.  
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- XVI. **Genotoxic Effects of Fe<sub>2</sub>O<sub>3</sub> Nano- and Microparticles in Lymphocytes by Micronucleus Test**  
Özer T., Ünal F., Yüzbaşıoğlu D.  
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- XVII. **Evaluation of In Vitro Genotoxic Effect of E-122 Carmoisine, Food Coloring, on Human Lymphocytes by Comet Assay**  
Kara S. G., Yüzbaşıoğlu D., Yılmaz E. A., Ünal F.  
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- XVIII. **Investigation of Gadobutrol Genotoxicity in Human Peripheral Lymphocytes by Micronucleus Test**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
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- XIX. **Determination of the Genotoxic Effects of Mannitol, a Sugar Alcohol, in Human Lymphocytes by the Comet Assay**  
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8th INTERNATIONAL MARDIN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE, Mardin, Turkey, 4 - 06 June 2022, pp.216
- XX. **Genotoxic Effects of High Fructose Corn Syrup and Fructose Sweeteners Using Micronucleus Assay**  
Bülbül S. N., Mamur S., Yüzbaşıoğlu D., Ünal F.  
8th International Mardin Artuklu Scientific Researches Conference, Mardin, Turkey, 4 - 06 June 2022, pp.39
- XXI. **Genotoxicity Assessment of Gadobutrol in Human Lymphocytes by Sister Chromatid Exchange Assay**  
Akbaş E., Ünal F., Yüzbaşıoğlu D.  
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- XXII. **Genotoxic Effects of Fe<sub>2</sub>O<sub>3</sub> Nanoparticles Used in Various Fields and Environment**  
Özer T., Ünal F., Yüzbaşıoğlu D.  
SEAB2021-5th Symposium on EuroAsian Biodiversity, Muğla, Turkey, 1 - 03 July 2021, pp.186
- XXIII. **Evaluation of Genotoxic Effects of Needle-Like TiO<sub>2</sub> Nanoparticles in Human Lymphocytes by**

### **Chromosomal Aberration Assay in vitro**

Korkmaz N., Ünal F., Yüzbaşıoğlu D.

5th International Congress of Academic Research, Ankara, Turkey, 19 - 21 April 2021, pp.180-181

#### **XXIV. Genotoxic Effects of Nanoparticles**

Aykan K., Halıcı A., Seyrek A., Ünal F., Yüzbaşıoğlu D.

IV. International Ankara Conference on Scientific Research, Kayseri, Turkey, 10 - 11 April 2021, pp.89-90

#### **XXV. Investigating Genotoxic Effect of Gadobutrol by in vitro Chromosome Aberrations Test**

AKBAŞ E., ÜNAL F., YÜZBAŞIOĞLU D.

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#### **XXVI. Safety of Nanoparticles Used in Cancer Therapy**

Korkmaz N., Ünal F., Yüzbaşıoğlu D.

IV. INTERNATIONAL ANKARA CONFERENCE ON SCIENTIFIC RESEARCH, 2021, Ankara, Turkey, 10 - 11 April 2021, pp.81

#### **XXVII. Çubuk Benzeri TiO<sub>2</sub>, Pedot Kaplı Çubuk Benzeri TiO<sub>2</sub> ve Pedot Nanopartiküllerinin in vitro Genotoksik Etkisi**

Duran İ. F., Ünal F., Yüzbaşıoğlu D.

IV. International Ankara Conference on Scientific Research , Ankara, Turkey, 10 - 11 April 2021, pp.83-84

#### **XXVIII. The Examination of the Genotoxic and Antigenotoxic (Pre-treatment) Effects of Vermicompost Using Allium Test at 48 Treatment in Tissue Culture**

Tuncay B., Yüzbaşıoğlu D., Özel Ç. A., Ünal F.

USBK-2021-INTERNATIONAL CONGRESS ON NATURAL SCIENCES, Kayseri, Turkey, 26 - 28 February 2021, pp.19

#### **XXIX. Genotoxic Effects of Rod-Like Titanium Dioxide and PEDOT-Coated Rod-Like Titanium Dioxide Nanoparticles Using Sister Chromatid Exchange Test in Human Lymphocytes**

Duran İ. F., Ünal F., Yüzbaşıoğlu D.

INTERNATIONAL CONGRESS ON NATURAL SCIENCES, Kayseri, Turkey, 26 - 28 February 2021, pp.39

#### **XXX. Investigation of the Genotoxic Effect of Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) Nanoparticle and Microparticle Forms on Allium cepa**

Kızılkaya D., Ünal F., Yüzbaşıoğlu D.

USBK-2021-INTERNATIONAL CONGRESS ON NATURAL SCIENCES , Kayseri, Turkey, 26 February - 28 March 2021, pp.21

#### **XXXI. Yüksek fruktozlu mısır şurubunun MTT testi ile sitotoksik ve kromozomal anormallik testi ile genotoksik etkilerinin incelenmesi**

Sabire Nur B., Mamur S., Ünal F., Yüzbaşıoğlu D.

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#### **XXXII. Investigation of Gadoversetamide Genotoxicity in Human Peripheral Lymphocytes by Micronucleus Test**

Dimici E., Ünal F., Yüzbaşıoğlu D.

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#### **XXXIII. Cytotoxic and Genotoxic Effect of Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) Nanoparticles on Allium cepa.**

Kızılkaya D., Ünal F., Yüzbaşıoğlu D.

ICMATSE 2020 International Conference On Advanced Materials Science & Engineering And High Tech Device Applications, Ankara, Turkey, 2 - 04 October 2020, pp.74-75

#### **XXXIV. Genotoxicity Assessment of Cerium Oxide Nanoparticles in Human Lymphocytes**

Saygılı Y., Ünal F., Yüzbaşıoğlu D.

ICMATSE 2020 International Conference On Advanced Materials Science & Engineering And High Tech Device Applications, Ankara, Turkey, 2 - 04 October 2020, pp.33-34

#### **XXXV. Comparison of Genotoxicity of Spherical and Needle-like TiO<sub>2</sub> Nanoparticles Assessed by Chromosomal Aberration Assay on Human Peripheral Lymphocytes in vitro.**

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- XXXVI. **Genotoxic effects of rod like TiO<sub>2</sub> and PEDOT coated rod like TiO<sub>2</sub> nanoparticles on human lymphocytes in vitro by micronucleus test.**

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ICMATSE 2020 International Conference On Advanced Materials Science & Engineering And High Tech Device Applications, 2 - 04 October 2020, pp.48-49

- XXXVIII. **Evaluation of Gadoversetamide Active Substance Used in Magnetic Resonance Imaging in Human Peripheral Lymphocytes by Chromosomal Aberrations Test**

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- XLI. **In vitro genotoxic effects of cerium oxide nanopartices by comet assay.**

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- XLVI. **Evaluation of genotoxic effects of needle-like TiO<sub>2</sub>/polyrhodanine core/shell hybride nanostructures in human lymphocytes by micronucleus assay in vitro**  
KORKMAZ N., ÜNAL F., YÜZBAŞIOĞLU D.  
3RD INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, 19 - 20 March 2020
- XLVII. **Assessment of Genotoxic and Antigenotoxic Effects of Pullulan on Isolated Human Peripheral Lymphocytes Against Hydrogen Peroxide Using Comet Assay**  
YÜZBAŞIOĞLU D., AVULOĞLU YILMAZ E., erikel e., ÜNAL F.  
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Ataseven N., YÜZBAŞIOĞLU D., ÜNAL F.  
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- XLIX. **Determination of Effect of Hemoglobin, Parathormone and Ferritin Levels on Genetic Damage by Sister Chromatid Exchange Test in Chronic Kidney Failure Patients.**  
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- LIV. **Determination of possible genotoxic effects of xylitol using cytokinesis block micronucleus cytome assay**  
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- LV. **Determining the Genotoxic Effect of Synthetic Auxine Picloram Using Allium-Comet Assay in Tissue Culture**  
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- LXI. In Vitro Genotoxic Effects of Antidiabetic Drug Metformin by Micronucleus and Comet Assays**  
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- LXV. POSSIBLE GENOTOXIC EFFECTS OF PICLORAM, PLANTGROWTH REGULATOR AND HERBICIDE, ON ALLIUM CEPAROOT TIP CELLS**  
ÖZEL Ç. A., ÜNAL F., AVULOĞLU YILMAZ E., erikel e., MİRİCİ S., YÜZBAŞIOĞLU D.  
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**Nanostructures in Human Lymphocytes in vitro by Sister Chromatid Exchange**

KORKMAZ N., YÜZBAŞIOĞLU D., ÜNAL F.

2nd International Gazi Symposium Series, 11 - 13 October 2017

- LXXII. **Evaluation of Fusaric Acid Genotoxicity using Chromosomal Aberration Assay in Human Lymphocytes**  
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- LXXIII. **Assessment of The Possible Genotoxicity of Magnesium Diglutamate, a Food Additive, by Micronucleus Test in Human Lymphocytes**  
AVULOĞLU YILMAZ E., ÜNAL F., YÜZBAŞIOĞLU D.  
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- LXXIV. **Genotoxic Effects of Environmental Contaminant Methidathion and Triadimenol Pesticides**  
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- LXXV. **Application of Random Amplified Polymorphic DNA (RAPD) to Detect Genotoxic Effect of Sodium Propionate**  
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- LXXVI. **Assesment of Luteolin Genotoxicity and Antigenotoxicity Using Sister Chromatid Exchange Assay in vitro**  
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- LXXVII. **Evaluation of the Genotoxic Effects of Monopotassium Glutamate in Human Lymphocytes in vitro by Sister Chromatid Exchange Test**  
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- LXXVIII. **Evaluation of Genotoxic Effects of Needle-Like TiO<sub>2</sub> Nanoparticles in Human Lymphocytes in vitro by Sister Chromatid Exchange Assay**  
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The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017
- LXXIX. **Assessment of Food Preservative Potassium Propionate (E283) Genotoxicity in Human Peripheral Blood Lymphocytes Using Micronucleus Test**  
ATASEVEN N., YÜZBAŞIOĞLU D., ÜNAL F.  
The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017
- LXXX. **Determination of Impact of Mycotoxin Enniatin-A on DNA Damage using Comet Assay in vitro**  
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- LXXXI. **The Potential Genotoxic Effect of Mycotoxin Enniatin-A by Chromosomal Aberation and Micronucleus Assay In Vitro**  
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- LXXXII. **Why Ferulic Acid Attracts The Attention of Many Researchers?**  
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- LXXXIII. **Does The Mycotoxin of Fusarium Fungi Have Genotoxic Effect In In Vitro?**  
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- LXXXIV. **Antihypertensives and Genotoxicity**  
YÜZBAŞIOĞLU D., AVULOĞLU YILMAZ E., ÜNAL F.

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- LXXXV. **Investigation of Retinol (Vitamin A) Potential Antigenotoxic Effects On Mitomycin-C Genotoxicity by Chromosomal Aberration Test**  
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- XCVI. **Evaluation of the genotoxic effect of indapamide in human lymphocytes in vitro by sister chromatid exchange**

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**XCVII. Genotoxicity of Iron Oxide nanoparticles in Human Lymphocytes by Sister Chromatid Exchange**

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**XCVIII. Assessment of in vitro genotoxicity and antigenotoxicity of luteolin by using comet assay**

ERİKEL E., YÜZBAŞIOĞLU D., ÜNAL F.

2nd International Congress of Forensic Toxicology –Industrial and Environmental Toxicology, Ankara, Turkey, 26 - 30 May 2016

**XCIX. The Effect of Hypertension and Body Mass Index on Sister Chromatid Exchange in Maintenance Hemodialysis Patients With Chronic Kidney Failure**

MAMUR S., YÜZBAŞIOĞLU D., ÜNAL F., ALTOK K., DEĞER S. M.

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**C. Determination of The Influence of Hypertension Hemoglobin and Ferritin Levels on DNA Damage by Comet Assay in Hemodialysis Patients**

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**CI. Genotoxicity of iron oxide nanoparticles in human lymphocytes by sister chromatid exchanges**

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**CII. Investigation of 3 methyl 5 4 carboxycyclohexylmethyl tetrahydro 2H 1 3 5 thiadiazine 2 thione Genotoxicity In Human Peripheral Lymphocytes Using Comet Assay**

AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÖZÇELİK A. B., ÜNAL F., ERSAN S.

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**CIII. Assessment of Antihypertensive Drug Indapamide Genotoxicity In Human Peripheral Lymphocytes Using Chromosomal Aberration Test**

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**CIV. The Potent Cytotoxic and Genotoxic Effects of the Mycotoxin of Fusaric Acid In Vitro**

MAMUR S., YÜZBAŞIOĞLU D., ÜNAL F., YILMAZ S., TEKİNAY T., ERİKEL E.

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**CVII. Genotoxicity of Iron Oxide Nanoparticles in Human Lymphocytes by Sister Chromatid Exchange**

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**CVIII. Tetrahidro 1 3 5 tiyadiazin Türevinin Mikronükleus Testi ile Genotoksik Etkilerinin Araştırılması**

AVULOĞLU YILMAZ E., YÜZBAŞIOĞLU D., ÖZÇELİK A. B., ÜNAL F., ERSAN S.

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- CXI. **Evaluation of the Genotoxicity of Dixhlorophenoxyacetic acid 2 4 D in Tissue Cultured Allium Roots by Comet Assay**  
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- CXIV. **Allium cepa: Nanoteknoloji ve Nanomateriyallerin Dünyasındaki**  
ÜNAL F., ÇALBAY Ö., SULUDERE Z., YÜZBAŞIOĞLU D.  
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- CXV. **Kardeş Kromatit Testi Kullanılarak Antidepresan İlaç Desipramin in İnsan Periferel Lenfositlerinde genotoksitesinin İncelenmesi**  
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- CXVI. **Kronik Böbrek Yetmezliğine Yol Açan En Önemli İki Faktör Diyabetin ve Hipertansiyonun Kromozom Anormallikleri Üzerine Etkileri**  
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- CXX. **Kronik Böbrek Yetmezliğine Yol Açan En Önemli İki Faktör: Diyabetin ve Hipertansiyonun Kromozom Anormallikleri Üzerine Etkilei**  
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- CXXI. **Bitki Büyüme Düzenleyicilerinden 2,4 Diklorofenoksi asetik asitin Genotoksik Etkilerinin Bitki Doku Kültüründe Allium testi ile İncelenmesi**  
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- CXXII. **Assessment of Iron Oxide Nanoparticle Genotoxicity in Human Peripheral Lymphocytes in vitro**  
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11th Nanoscience and Nanotechnology Conference (Nano TR-11), 23 - 25 June 2015
- CXXIII. **3 metil 5 4 karboksisisikloheksilmetil tetrahidro 2H 1 3 5 tiyadiazin 2 tiyon Bileşiminin Genotoksik Etkilerinin Kromozomal Aberasyon Testi ile Değerlendirilmesi**  
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- CXXIV. **Cota (Asteraceae) Cinsinde Yer Alan Bazı Taksonların Sitogenetik Analizi**  
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- CXXV. **Kronik Böbrek Yetmezlikli Hastalarda Hipertansiyon Yaş Vücut Kitle İndeksinin Genetik Hasar Üzerine Etkisinin Mikronükleus Testi ile Değerlendirilmesi**  
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- CXXVII. **Apigeninin Genotoksik ve Metilmetansulfonata Karşı Antigenotoksik Etkilerinin Kromozomal Anormallik Testi ile Değerlendirilmesi**  
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- CXXVIII. **Antidepresan İlaç Etken Maddesi Olan Milnacipran'ın In vitro Genotoksik Etkilerinin Kardeş Kromatit Değişimi Testi ile İncelenmesi.**  
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- CXXIX. **Tüp Bebek Tedavisi Gören Bayanlarda Olası Genetik Hasarın Mikronükleus Testi ile Belirlenmesi**  
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22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014
- CXXX. **Bakır oksit Nanopartiküllerinin Allium cepa daki Genotoksik Etkileri**  
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22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- CXXXI. **Antidepresan İlaç Etken Maddesi Olan Milnacipran'ın in vitro Genotoksik Etkilerinin Kardeş Kromatit Değişimi Testi ile İncelenmesi**  
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22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014
- CXXXII. **Cynarin'in Genotoksik ve Antigenotoksik Etkilerinin in vitro İnsan Lenfositlerinde Kromozomal Anormallik Testi ile Değerlendirilmesi**  
ERİKEL E., YÜZBAŞIOĞLU D., ÜNAL F.  
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014
- CXXXIII. **Bir Antidiyabetik İlaç Etken Maddesi Olan Sitagliptin'in in vitro Genotoksik Etkilerinin Comet Tetiyle İncelenmesi**  
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- CXXXIV. **Bir Antidiyabetik İlaç Etken Maddesi Olan Sitagliptin in In Vitro Genotoksik Etkilerinin Comet Testiyle İncelenmesi**  
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- CXXXV. **Kromozomal Anormallik Testi ile Değerlendirilmesi**  
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22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014

- CXXXVI. **Hemodiyaliz Tedavisi Uygulanan Kronik Böbrek Yetmezlikli Hastalarda Diyabetin Kardeş Kromatid Değişimi Üzerine Etkisi**  
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22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- CXXXVII. **Apigeninin Genotoksik ve Metil Metansülfonata Karşı Antigenotoksik Etkilerinin Kromozomal Anormallik Testi ile Değerlendirilmesi**  
NAZMİYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- CXXXVIII. **Bakır Oksit Nanopartiküllerinin İnsan Lenfositlerinde In Vitro Genotoksik Etkileri**  
YASEMİN S., ÜNAL F., SULUDERE Z., EROL Ö., YÜZBAŞIOĞLU D.  
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- CXXXIX. **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
- CXL. **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
- CXLI. **Genotoxicity of Sodium Propionate in Isolated Human Lymphocytes Assessed by Comet Assay**  
NAZMİYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, 2 - 06 June 2014
- CXLII. **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.  
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- CXLIII. **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
- CXLIV. **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
- CXLV. **Ünal F Investigation of Monosodium Glutamate Induced DNA Damage by Using RAPD PCR in Human Peripheral Lymphocytes**  
NAZMİYE Z., ÇELEBİ KESKİN A., YÜZBAŞIOĞLU D., ÜNAL F.  
3rd International Molecular Biology and Biotechnology Congress, Sarajevo Bosnia, 2 - 06 June 2014
- CXLVI. **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
- CXLVII. **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
- CXLVIII. **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
- CXLIX. **Genotoxicity Induced by Amorphous Silica Nanoparticles**  
YASEMİN S., ÜNAL F., SULUDERE Z., EROL Ö., YÜZBAŞIOĞLU D.  
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- CLI. **Evaluation of the Relationship Between DNA Damage and Parathormone Levels in Chronic Kidney Failure Patients by Comet Assay**  
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- CLII. **Genotoxicity Induced by Silica Nanoparticles**  
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3rd International Molecular Biology and Biotechnology Congress, Saray Bosna, Bosnia And Herzegovina, 2 - 06 June 2014
- CLIII. **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
- CLIV. **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
- CLV. **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
- CLVI. **Geleneksel Ürünlerde Kullanımı Yasaklanan Gıda Katkı Maddeleri**  
NAZMİYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
4. Geleneksel Gıdalar Sempozyumu, Turkey, 17 - 19 March 2014
- CLVII. **Ülkemizde Geleneksel Gıdalarda Kullanımı Yasaklanan Monosodyum Glutamat MSG ın Genotoksitesinin Comet Testiyle Belirlenmesi**  
NAZMİYE Z., YÜZBAŞIOĞLU D., ÜNAL F.  
4. Geleneksel Gıdalar Sempozyumu, Turkey, 17 - 19 March 2014
- CLVIII. **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
- CLIX. **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
- CLX. **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
- CLXI. **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
- CLXII. **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
- CLXIII. **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
- CLXIV. **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

CLXV. **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

CLXVI. **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

CLXVII. **Gıda koruyucu maddeler ve genotoksisite**

YÜZBAŞIOĞLU D., ZENGİN N., ÜNAL F.

Türkiye 11. Gıda Kongresi, Hatay, Turkey, 10 - 12 October 2012

CLXVIII. **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

CLXIX. **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

CLXX. **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

CLXXI. **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

CLXXII. **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

CLXXIII. **Genetik Toksikoloji ve Kanseri Riski**

ÜNAL F.

The First International Biology Congress, 24 - 26 September 2012

CLXXIV. **Evaluation of the genotoxic potential of Chlormiphen Citrate in human lymphocytes using Chromosomal Aberration and Micronucleus Assay**

YILMAZ S., ÜNAL F., YILMAZ E., YÜZBAŞIOĞLU D., ERKAL İLHAN S.

EEMS European environmental mutagen society, 16 - 20 September 2012

CLXXV. **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

CLXXVI. **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

CLXXVII. **Chromosomal Abnormalities Induced By Nanosized Titanium Dioxide Nanoparticles In Vitro**

DEMİRTAŞ KORKMAZ F., ÜNAL F., YÜZBAŞIOĞLU D.

Nanosafety Congress, 26 - 28 April 2012

CLXXVIII. **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

CLXXIX. **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

- CLXXX. **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
- CLXXXI. **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
- CLXXXII. **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 2011 - 01 July 2011
- CLXXXIII. **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
- CLXXXIV. **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
- CLXXXV. **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
- CLXXXVI. **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
- CLXXXVII. **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
- CLXXXVIII. **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
- CLXXXIX. **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
- CXC. **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
- CXCI. **Kafeik Asit Fenetil Ester(CAPE)'in hidrojen peroksite karşı antigenotoksik etkileri**  
SARAÇ Ö., TANER G., ÜNAL F., YÜZBAŞIOĞLU D.  
XX. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- CXCII. **Comet testinde insan periferik 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
- CXCIII. **Organofosfat grubu trichlorfon insektisinin 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

- CXCIV. **Kafeik Asit Fenetil Eseterin genotoksik ve mitomisin-C'ye karşı antigenotoksik etkilerinin mikronükleus testi ile değerlendirilmesi**

SARAÇ Ö., TANER G., ÜNAL F., YÜZBAŞIOĞLU D.

XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010

- CXCV. **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

- CXCVI. **(-)-Epigallocateşin gallat'ın mitomisin-C kaynaklı mikronükleus oluşumuna karşı antigenotoksik etkileri**

SARAÇ Ö., ÜNAL F., TANER G., YÜZBAŞIOĞLU D.

XX.Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010

- CXCVII. **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

- CXCVIII. **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

- CXCIX. **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

- CC. **Genotoxic and antigenotoxic effects of (-)-epigallocatechin 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

- CCI. **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

- CCII. **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

- CCIII. **Genotoxicity testing of aclonifen in vivo and in vitro**

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- CCVI. **Potasyum Sorbatın Kardeş Kromatit Değişimi, Kromozomal Anormallik ve Comet Testleri ile**

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### **CCVII. Mephosfolan İnsektisitinin in vitro Genotoksik Etkileri**

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**CCXXX. Afegan Fungisitinin Allium cepa L. Kök Ucu Hücrelerinde ve Kültürdeki İnsan Periferik Lenfosit Hücrelerinde Sitogenetik Etkileri**

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**CCXXXI. Elektrik Alanların Allium cepa L. (Soğan) Kök Ucu Hücrelerinde Mitoz Bölünme ve Kromozomlara Etkisi**

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**CCXXXII. Yüksek Gerilim Hatlarının Triticum baeticum Boiss. Subsp. baeticum (buğday) Bitkisi Üzerine Genetik Etkileri**

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**CCXXXIII. Türkiye Sideritis L. Türleri Üzerinde Karyolojik Bir Çalışma**

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- CCXXXVII. **Triadimenol Fungisitinin Allium cepa Meristematik Hücrelerinde Sitogenetik Etkileri**  
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- ÜNAL F., Seyrek A., Project Supported by Higher Education Institutions, Üleksitin Genotoksik ve Antigenotoksik Potansiyeli, 2023 - Continues
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TURKISH JOURNAL OF BOTANY, Committee Member, 2013 - Continues

## Scientific Refereeing

MUTATION RESEARCH - FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS, Journal Indexed in SCI-E, February 2024

FOOD AND CHEMICAL TOXICOLOGY, Journal Indexed in SCI-E, February 2024

ENVIRONMENTAL RESEARCH A JOURNAL OF ENVIRONMENTAL MEDICINE AND THE ENVIRONMENTAL SCIENCES, SCI Journal, January 2024

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

KOSGEB, KOSGEB, Turkey, December 2023

Chemosphere, SCI Journal, November 2023

MUTATION RESEARCH - GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, Journal Indexed in SCI-E, October 2023

Project Supported by Higher Education Institutions, BAP Research Project, Ordu University, Turkey, April 2023

HUMAN AND EXPERIMENTAL TOXICOLOGY, SCI Journal, March 2023

OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, Journal Indexed in SCI-E, November 2022

KOSGEB, KOSGEB, Turkey, October 2022

JOURNAL OF HERBAL MEDICINE, Journal Indexed in SCI-E, April 2022

Project Supported by Higher Education Institutions, BAP Research Project, Adana Alparslan Türkeş Science And Technology University, Turkey, April 2022

SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, October 2021

KSÜ Tarım ve Doğa Dergisi, National Scientific Refreed Journal, October 2021

JOURNAL OF HERBAL MEDICINE, SCI Journal, July 2021

AFYON KOCATEPE ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, March 2021

KOSGEB, KOSGEB, Turkey, February 2021

ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, SCI Journal, November 2020

KOSGEB, KOSGEB, Turkey, June 2020

## Metrics

Publication: 365

Citation (WoS): 1032

Citation (Scopus): 1186

H-Index (WoS): 17

H-Index (Scopus): 19

## Scholarships

YÖK Ph.D Scholarship , YOK, 1989 - 1993

## Awards

Ünal F., Gazi Üniversitesi, May 2021

Ünal F., Citation award, Gazi Üniversitesi, May 2021

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

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2019, Tübitak, June 2019

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2018, Tübitak, October 2018

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2016, Tübitak, June 2016

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

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2014, Tübitak, May 2014

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2013, Tübitak, July 2013

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2011, Tübitak, March 2011

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

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

Yüzbaşıoğlu D., Ünal F., Yayın Teşvik Ödülü 2008, Tübitak, March 2008

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

Gazi Üniversitesi

Gazi Üniversitesi

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