

## Prof. Gül ÖZHAN

### Personal Information

**Office Phone:** [+90 212 440 0000](tel:+902124400000) Extension: 13566

**Fax Phone:** [+90 212 440 0252](tel:+902124400252)

**Email:** [gulozhan@istanbul.edu.tr](mailto:gulozhan@istanbul.edu.tr)

**Web:** <http://aves.istanbul.edu.tr/gulozhan/>

**Address:** İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Toksikoloji Anabilim Dalı, 34116 Beyazıt, İstanbul-Türkiye

### Education Information

Doctorate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmasötik Toksikoloji, Turkey 1994 - 2000

Post Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmasötik Toksikoloji Anabilim Dalı, Turkey 1991 - 1993

Under Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Turkey 1987 - 1991

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Eğitimciler Buluşması: Eğitimde Etkileşim ve Katılımın Güçlendirilmesi, İstanbul Üniversitesi, 2014

Health&Medicine, Prediction of Drug-Drug Interactions and Regulatory Recommendations for Assessment, ISSX, 2014

Health&Medicine, Non-CYP Metabolism in Drug Discovery, ISSX, 2014

Health&Medicine, İlk Yardımcı Sertifikası, İstanbul Valiliği-İl Sağlık Müdürlüğü, 2014

Health&Medicine, Kozmetovijilans Konferansı, Türkiye ilaç ve Tıbbi Cihaz Kurumu, 2013

Health&Medicine, Multidisipliner Kozmetik Yaklaşımlar ve Sektörel Değerlendirme Sempozyumu, Türkiye ilaç ve Tıbbi Cihaz Kurumu, 2013

Health&Medicine, Kozmetik Ürünlerin Güvenlilik Değerlendirmesi Kursu, Türk Toksikoloji Derneği, 2013

Education Management and Planning, İl.Bölgesel Toksikoloji Sempozyumu, Türk Toksikoloji Derneği, 2013

Education Management and Planning, Accreditation Council for Pharmacy Education (ACPE), International Service, 2013

Quality Management, Eczacılık Eğitiminde Yeni Hedef: Akreditasyon, Hacettepe Üniversitesi, 2013

Health&Medicine, TTK-Sürekli Eğitim Kursu: Toksikoloji Çalışmalarında Analitik Validasyon., Türk Toksikoloji Derneği, 2013

Education Management and Planning, Basic Principles of Human Risk Assessment, SOT, 2013

Education Management and Planning, Advances in Nanotoxicology, SOT, 2013

Education Management and Planning, Developments in Risk Assessment, Türk Toksikoloji Derneği, 2012

Education Management and Planning, 8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Türk Toksikoloji Derneği, 2012

Education Management and Planning, Chemicals regulation in EU, REACH and CLP-Legislation and Consequences, Türk Toksikoloji Derneği, 2012

Education Management and Planning, İmmünohistokimya ve Western Blot Eğitimi Nöroimmünoloji Uygulamaları, İstanbul Üniversitesi, 2012

Education Management and Planning, Bilimsel Çalışmalarda İstatistiğin Rolü, Türk Biyokimya Derneği, 2012

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası Eğitim Programı, İÜ DETAE Deney Hayvanları Biyolojisi ve Biyomedikal Uygulama Teknikleri Anabilim Dalı, 2012

Education Management and Planning, 9th International Comet Assay Workshop, Türk Toksikoloji Derneği, 2011

Education Management and Planning, 1st Inter University Certificate Program of Predictive Personalized Medicine, Klinik Toksikoloji Derneği, 2011

Education Management and Planning, Moleküler Biyoloji ve Genetik Haftasonu IV, Boğaziçi Üniversitesi, 2011

Education Management and Planning, Türkiye Genom Araştırması: Genomiks Çağında Kişisel Tanı ve Tedavilere İlk Adım, Boğaziçi Üniversitesi, 2011

Education Management and Planning, Toksikite Test Sistemleri Uygulamalı Eğitim Programı, İÜ Eczacılık Fakültesi, Farmasötik Toksikoloji Anabilim Dalı, 2011

Education Management and Planning, Genetik Çalışmalarda Biyoinformatik Uygulamalar, Tubitak Gen Mühendisliği ve Biyoteknoloji Enstitüsü, 2010

Education Management and Planning, Klinik Toksikoloji Çalıştay, Klinik Toksikoloji Derneği, 2010

Education Management and Planning, Popülasyon Genetiğinde Temel Kavramlar ve İstatistiksel Analizler Uygulamalı Eğitimi, Tubitak Gen Mühendisliği ve Biyoteknoloji Enstitüsü, 2009

Education Management and Planning, 1.Gıda Güvenliği Kongresi, Gıda Güvenliği Derneği, 2008

Education Management and Planning, Euro-Asian Association for Children's Environmental Health, Yeditepe Üniversitesi, 2008

Education Management and Planning, Programlı Hücre Ölümü Sempozyumu, İstanbul Üniversitesi Cerrahpaşa Tıp Fakültesi, 2008

Education Management and Planning, Risk Assessment Summer School, IUTOX, 2008

Education Management and Planning, From Cell to Bedside, II. Congress of Molecular Medicine, 2007

Education Management and Planning, Uygulamalı Deney Hayvanları Kursu, İstanbul Üniversitesi Deneysel Tıp Araştırma Enstitüsü, 2007

Education Management and Planning, Moleküler Biyoloji Yöntemleri Eğitim Programı, Tubitak Gen Mühendisliği ve Biyoteknoloji Enstitüsü, 2007

Education Management and Planning, Koruyucu Genetik Tanı Eğitimi-III, Amerikan Hastanesi Genetik Hastalıklar Tanı Merkezi, 2006

Education Management and Planning, Molecules in Health and Disease, 31th FEBS (Federation of European Biochemical Societies) Congress, 2006

Education Management and Planning, Tıpsal Araştırma Yöntem Bilimi ve Biyoistatistiksel Değerlendirme Kursu, İstanbul Üniversitesi Cerrahpaşa Tıp Fakültesi, 2005

Education Management and Planning, 19th European Workshop on Drug Metabolism, DMW, 2004

Education Management and Planning, Klinik Toksikoloji Derneği 10. Bilimsel Toplantısı, Klinik Toksikoloji Derneği, 2004

Education Management and Planning, HPLC ve Diğer Separasyon Teknikleri Ulusal Sempozyumu, Gülhane Askeri Tıp Akademisi, 2003

Education Management and Planning, Pedagojik Formasyon Eğitim Programı, İstanbul Üniversitesi Hasan Ali Yücel Eğitim Fakültesi, 2003

## **Dissertations**

Doctorate, Amin grubu içeren çeşitli ilaç maddelerinden fizyolojik şartlarda oluşan N-nitroso türevlerinin genotoksik aktivite yönünden araştırılması, Istanbul University, Faculty of Pharmacy , Farmasötik Toksikoloji, 2000

Post Graduate, Digitalis viridiflora Lindl. ve Digitalis davisiana Heyw. bitkileri yapraklarının kardioaktif bileşiklerinin tayini, Istanbul University, Faculty of Pharmacy , Farmasötik Toksikoloji, 1993

## **Research Areas**

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology

and Toxicology, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Toxicology, Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

## Academic Titles / Tasks

Professor, Istanbul University, Faculty of Pharmacy , Meslek Bilimleri, 2015 - Continues

Associate Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2010 - 2015

Assistant Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2004 - 2010

Research Assistant PhD, İstanbul Üniversitesi, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2000 - 2004

Research Assistant, İstanbul Üniversitesi, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 1991 - 2000

## Professional Experience

Head of Department, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2020 - Continues

Vice Dean, İstanbul Üniversitesi, 2016 - Continues

Board Member, İstanbul Üniversitesi, Faculty of Pharmacy , 2012 - 2016

Board Member, İstanbul Üniversitesi, Faculty of Pharmacy , 2008 - 2009

## Courses

Farmakogenetik/Toksikogenetik, Doctorate, 2016 - 2017

Bitirme Projesi I, Under Graduate, 2016 - 2017

Üreme Sistemi Toksisitesi , Doctorate, 2016 - 2017

Metal Toksisitesi , Doctorate, 2016 - 2017

Toksisite Test Sistemleri, Doctorate, 2012 - 2013

İleri İngilizce, Under Graduate, 2013 - 2014

Hedef Organ Toksisitesi II, Doctorate, 2012 - 2013

## Advising Theses

Özhan G., Clarification of Cardiotoxic Potential and Mechanism of Lesinurad Used in Gout, Doctorate, M.Arıcı(Student), Continues

Özhan G., Evaluation of metimazole induced pancreatitis formation mechanisms in vitro conditions, Post Graduate, Ö.Yazıcı(Student), Continues

Özhan G., Sentetik kannabinoid AM-2201'in kardiyotoksik etkisinin in vitro araştırılması, Doctorate, E.Nişikli(Student), 2018

Özhan G., SENTETİK KANNABİNOİD UR-144' ÜN KARDİYOTOKSİK ETKİSİNİN İN VİTRO ARAŞTIRILMASI, Doctorate, M.Çelikkol(Student), 2018

Özhan G., Neonikotinoid Grubu İnsektisitlerden Asetamiprid'in Erkek Üreme Sistemi Üzerine Etkisinin Araştırılması, Doctorate, Y.Emre(Student), 2017

ÖZHAN G., Gliklazid ve atorvastatin kombinasyon tedavisinin reproduktif sistem üzerine etkilerinin araştırılması, Doctorate, E.Öztaş(Student), 2016

ÖZHAN G., Çeşitli Et Ürünlerinde Sitrinin Kontaminasyonunun Araştırılması, Post Graduate, F.Sarı(Student), 2015

ÖZHAN G., İlaç Yanıtında Rol Oynayan Sitokrom P450 Enzim Poliformlarının Türk Popülasyonundaki Sıklığı, Post Graduate, M.Arıcı(Student), 2015

ÖZHAN G., Bazı metal bazlı nanomateryallerin toksik etki potansiyellerinin araştırılması, Doctorate, M.Abudayyak(Student), 2015

ÖZHAN G., Triazol grubu fungusitlerin karaciğer hücreleri üzerine sitotoksik etkilerinin araştırılması, Post Graduate, E.Özkan(Student), 2012

ÖZHAN G., Türkiye'de Yaygın Kullanılan Bitki Çaylarının Sitotoksik ve Genotoksik Etkilerinin Araştırılması, Post Graduate, A.Candaş(Student), 2012

Özhan G., Kolorektal kanser ile CYP1A1 ve CYP1A2 enzim polimorfizminin ilişkisi, Post Graduate, M.Mutur(Student), 2012

ÖZHAN G., Türk popülasyonunda flavin içeren monooksijenaz 3 (FMO3) polimorfizmi, Post Graduate, P.Topal(Student), 2010

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

- I. **Does pendimethalin develop in pancreatic cancer induced inflammation?**  
Arıcı M., Abudayyak M., Boran T., Özhan G.  
Chemosphere, vol.252, pp.126644, 2020 (Journal Indexed in SCI Expanded)
- II. **Reproductive effects of subchronic exposure to acetamiprid in male rats**  
Arıcı E., Gökçeoğlu K., Ulus K., Boran T., Öztürk N., Okyar A., Ercan F., Özhan G.  
SCIENTIFIC REPORTS, vol.10, 2020 (Journal Indexed in SCI)
- III. **Voriconazole incorporated nanofiber formulations for topical application: preparation, characterization and antifungal activity studies against *Candida* species.**  
Esentürk I., Balkan T., Ozhan G., Doesler S., Gungor S., Erdal M. S. , Sarac A. S.  
Pharmaceutical development and technology, vol.25, pp.440-453, 2020 (Journal Indexed in SCI Expanded)
- IV. **Association between ABCB1, ABCG2 carrier protein and COX-2 enzyme gene polymorphisms and breast cancer risk in a Turkish population.**  
Zeliha K. P. , Dilek O., Ezgi O., Halil K., Cihan U., Gul O.  
Saudi pharmaceutical journal : SPJ : the official publication of the Saudi Pharmaceutical Society, vol.28, pp.215-219, 2020 (Journal Indexed in SCI Expanded)
- V. **A preliminary survey of citrinin contamination in dried fruits, molasses and liquorice products in Turkey**  
Oztaş E., Ozden H., Ozhan G.  
JOURNAL OF FOOD AND NUTRITION RESEARCH, vol.59, pp.81-86, 2020 (Journal Indexed in SCI)
- VI. **Toxic effects of subchronic oral acetamiprid exposure in rats**  
Karaca B. U. , Arıcı Y. E. , Boran T., Binay S., Okyar A., Kaptan E., Ozhan G.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.35, pp.679-687, 2019 (Journal Indexed in SCI)
- VII. **Gliclazide alone or in combination with atorvastatin ameliorated reproductive damage in streptozotocin-induced type 2 diabetic male rats**  
Oztaş E., YILMAZ T. E. , GUZEL E., SEZER Z., Okyar A., Ozhan G.  
SAUDI PHARMACEUTICAL JOURNAL, vol.27, pp.422-431, 2019 (Journal Indexed in SCI)
- VIII. **Inflammation and oxidative stress are key mediators in AKB48-induced neurotoxicity in vitro**  
Oztaş E., Abudayyak M., Celiksoz M., Ozhan G.  
TOXICOLOGY IN VITRO, vol.55, pp.101-107, 2019 (Journal Indexed in SCI)
- IX. **AN EVALUATION OF ANTIOXIDANT, ANTIMICROBIAL, ANTIBIOFILM AND CYTOTOXIC ACTIVITIES OF FIVE VERBASCUM SPECIES IN TURKEY**  
Sen-Utsukarci B., Dosler S., TAŞKIN T., Abudayyak M., Ozhan G., Mat A.  
FARMACIA, vol.66, pp.1014-1020, 2018 (Journal Indexed in SCI)
- X. **Evaluation of Chemical Composition and In-vitro Biological Activities of Three Endemic Hypericum Species from Anatolia (*H. thymbrifolium*, *H. spectabile* and *H. pseudolaeve*)**  
Ozkan E., Ozsoy N., Ozden T., Ozhan G., Mat A.

IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.17, pp.1036-1046, 2018 (Journal Indexed in SCI)

- XI. **U P-glycoprotein polymorphism and levothyroxine bioavailability in hypothyroid patients**  
Oztas E., Garcia-Saavedra A. P. , Yanar F., Ozcinar B., Aksakal N., Purisa S., Ozhan G.  
SAUDI PHARMACEUTICAL JOURNAL, vol.26, pp.274-278, 2018 (Journal Indexed in SCI)
- XII. **Association between genetic polymorphism and levothyroxine bioavailability in hypothyroid patients**  
Arici M., Oztas E., Yanar F., Aksakal N., Ozcinar B., Ozhan G.  
ENDOCRINE JOURNAL, vol.65, pp.317-323, 2018 (Journal Indexed in SCI)
- XIII. **Nickel oxide nanoparticles are highly toxic to SH-SY5Y neuronal cells**  
Abudayyak M., Guzel E., Ozhan G.  
NEUROCHEMISTRY INTERNATIONAL, vol.108, pp.7-14, 2017 (Journal Indexed in SCI)
- XIV. **In vitro evaluation of cobalt oxide nanoparticle-induced toxicity**  
Abudayyak M., Gurkaynak T. A. , Ozhan G.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.33, pp.646-654, 2017 (Journal Indexed in SCI)
- XV. **Nickel Oxide Nanoparticles Induce Oxidative DNA Damage and Apoptosis in Kidney Cell Line (NRK-52E)**  
Abudayyak M., Guzel E., Ozhan G.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.178, pp.98-104, 2017 (Journal Indexed in SCI)
- XVI. **CYP2C9, CYP2C19 and CYP2D6 gene profiles and gene susceptibility to drug response and toxicity in Turkish population**  
Arici M., Ozhan G.  
SAUDI PHARMACEUTICAL JOURNAL, vol.25, pp.376-380, 2017 (Journal Indexed in SCI)
- XVII. **Characterization and toxicity of hospital wastewaters in Turkey**  
Yilmaz G., Kaya Y., Vergili I., Gonder Z. B. , Ozhan G., Celik B. O. , Altinkum S. M. , Bagdatli Y., BOERGERS A., TUERK J.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, 2017 (Journal Indexed in SCI)
- XVIII. **In Vitro Toxicological Assessment of Cobalt Ferrite Nanoparticles in Several Mammalian Cell Types**  
Abudayyak M., Gurkaynak T. A. , Ozhan G.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.175, pp.458-465, 2017 (Journal Indexed in SCI)
- XIX. **The genetic profiles of CYP1A1, CYP1A2 and CYP2E1 enzymes as susceptibility factor in xenobiotic toxicity in Turkish population**  
Merve A., Gul O.  
SAUDI PHARMACEUTICAL JOURNAL, vol.25, pp.294-297, 2017 (Journal Indexed in SCI)
- XX. **Investigation of the toxicity of bismuth oxide nanoparticles in various cell lines**  
Abudayyak M., Oztas E., Arici M., Ozhan G.  
CHEMOSPHERE, vol.169, pp.117-123, 2017 (Journal Indexed in SCI)
- XXI. **Polyurethane/hydroxypropyl cellulose electrospun nanofiber mats as potential transdermal drug delivery system: characterization studies and in vitro assays**  
Gencturk A., Kahraman E., Gungor S., Ozhan G., Ozsoy Y., Sarac A. S.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, pp.655-664, 2017 (Journal Indexed in SCI)
- XXII. **Genetic Variations in Phospholipase C-epsilon 1 (PLCE1) and Susceptibility to Colorectal Cancer Risk**  
Ezgi O., Merve A., Hakan Y. T. , Gul O.  
BIOCHEMICAL GENETICS, vol.54, pp.826-829, 2016 (Journal Indexed in SCI)
- XXIII. **Polymeric micellar nanocarriers of benzoyl peroxide as potential follicular targeting approach for acne treatment**  
Kahraman E., ÖZHAN G., Özsoy Y., GÜNGÖR S.  
Colloids and Surfaces B: Biointerfaces, vol.146, pp.692-699, 2016 (Journal Indexed in SCI)
- XXIV. **Association Between Human Telomerase Reverse Transcriptase Gene Variations and Risk of Developing Breast Cancer.**  
Oztas E., KARA H., Kara Z., Aydogan M. U. , URAS C., Ozhan G.  
Genetic testing and molecular biomarkers, vol.20, pp.459-64, 2016 (Journal Indexed in SCI Expanded)
- XXV. **The Effect of the CYP1A1\*2A Allele on Colorectal Cancer Susceptibility in a British Population**  
Oztas E., Ozhan G., DALY A. K.

- GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.20, pp.475-477, 2016 (Journal Indexed in SCI)
- XXVI. **The effect of the CYP1A1\*2A variant on colorectal cancer susceptibility in a British population**  
Oztas E., Ozhan G., Daly A. K.  
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (Journal Indexed in SCI)
- XXVII. **COX-2 gene variations and risk of developing breast cancer**  
Ozhan G., Kara Z., Kara H.  
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (Journal Indexed in SCI)
- XXVIII. **In Vitro Toxicological Assessment of Magnesium Oxide Nanoparticle Exposure in Several Mammalian Cell Types**  
Mahmoud A., Ezgi O., Merve A., Ozhan G.  
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.35, pp.429-437, 2016 (Journal Indexed in SCI)
- XXIX. **Indole-based hydrazide-hydrazones and 4-thiazolidinones: synthesis and evaluation as antitubercular and anticancer agents**  
Cihan-Ustuendag G., Satana D., Ozhan G., Capan G.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.369-380, 2016 (Journal Indexed in SCI)
- XXX. **Colloidal nanocarriers for the enhanced cutaneous delivery of naftifine: characterization studies and in vitro and in vivo evaluations**  
Erdal M. S. , Ozhan G., Mat M. C. , Ozsoy Y., Gungor S.  
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.11, pp.1027-1037, 2016 (Journal Indexed in SCI)
- XXXI. **Telomerase Reverse Transcriptase (TERT) Gene Variations and Susceptibility of Colorectal Cancer**  
Jannuzzi A. T. , Karaman E., Oztas E., Yanar H. T. , Ozhan G.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.19, pp.692-697, 2015 (Journal Indexed in SCI)
- XXXII. **Colloidal carriers of isotretinoin for topical acne treatment: skin uptake, ATR-FTIR and in vitro cytotoxicity studies**  
Gurbuz A., Ozhan G., Gungor S., Erdal M. S.  
ARCHIVES OF DERMATOLOGICAL RESEARCH, vol.307, pp.607-615, 2015 (Journal Indexed in SCI)
- XXXIII. **Investigation on the toxic potential of Tribulus terrestris in vitro.**  
Abudayyak M., Jannuzzi A. T. , Ozhan G., Alpertunga B.  
Pharmaceutical biology, vol.53, pp.469-76, 2015 (Journal Indexed in SCI Expanded)
- XXXIV. **VEGF Gene Polymorphisms and Susceptibility to Colorectal Cancer**  
Jannuzzi A. T. , Ozhan G., Yanar H. T. , Alpertunga B.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.19, pp.133-137, 2015 (Journal Indexed in SCI)
- XXXV. **Zinc oxide nanoparticles induced cyto- and genotoxicity in kidney epithelial cells**  
Uzar N., Abudayyak M., Akcay N., Algun G., Ozhan G.  
TOXICOLOGY MECHANISMS AND METHODS, vol.25, pp.334-339, 2015 (Journal Indexed in SCI)
- XXXVI. **Toxic potentials of ten herbs commonly used for aphrodisiac effect in Turkey**  
Abudayyak M., Ozdemir Nath E., Ozhan G.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, pp.496-506, 2015 (Journal Indexed in SCI)
- XXXVII. **Effects of bentazone on lipid peroxidation and antioxidant systems in human erythrocytes in vitro**  
Abudayyak M., Ozden S., Alpertunga B., Ozhan G.  
DRUG AND CHEMICAL TOXICOLOGY, vol.37, pp.410-414, 2014 (Journal Indexed in SCI)
- XXXVIII. **COLCHICUM BAYTOPIRUM EXTRACT INDUCES GENE EXPRESSION RELATED WITH APOPTOTIC AND AUTOPHAGIC CELL DEATHS IN HELA CELLS**  
Öztürk M. S. , Dagdeviren O., Arican G., Kayacan S., Tuncdemir M., Sutlupinar N.  
ANTICANCER RESEARCH, vol.34, pp.6093-6094, 2014 (Journal Indexed in SCI)
- XXXIX. **Effects of prochloraz on DNA damage, lipid peroxidation and antioxidant system in vitro**  
Alpertunga B., Kara M., Abudayyak M., Oztas E., Ozden S., Ozhan G.  
TOXICOLOGY MECHANISMS AND METHODS, vol.24, pp.268-275, 2014 (Journal Indexed in SCI)
- XL. **Genetic Variations in the Xenobiotic-Metabolizing Enzymes CYP1A1, CYP1A2, CYP2C9, CYP2C19 and Susceptibility to Colorectal Cancer Among Turkish People**

- Ozhan G., Mutur M., Ercan G., Alpertunga B.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.18, pp.223-228, 2014 (Journal Indexed in SCI)
- XLII. **H2O2/UV-C and Photo-Fenton treatment of a nonylphenol polyethoxylate in synthetic freshwater: Follow-up of degradation products, acute toxicity and genotoxicity**  
Karci A., Arslan Alaton İ., Bekbolet M., Ozhan G., Alpertunga B.  
CHEMICAL ENGINEERING JOURNAL, vol.241, pp.43-51, 2014 (Journal Indexed in SCI)
- XLIII. **Chemical composition and biological activities of Hypericum pamphylicum**  
Ozkan E. E. , Ozsoy N., Ozhan G., Celik B. O. , Mat A.  
INDUSTRIAL CROPS AND PRODUCTS, vol.50, pp.182-189, 2013 (Journal Indexed in SCI)
- XLIV. **Antioxidant and cytotoxic activities of Vitex agnus-castus from five different regions of Turkey**  
Toplan G. G. , Ozkan E. E. , Taskin T., Ozhan G.  
PLANTA MEDICA, vol.79, pp.1214, 2013 (Journal Indexed in SCI)
- XLV. **Associations between the functional polymorphisms in the ABCB1 transporter gene and colorectal cancer risk: a case-control study in Turkish population**  
Ozhan G., Kara M., Sari F. M. , Yanar H. T. , Ercan G., Alpertunga B.  
TOXICOLOGY MECHANISMS AND METHODS, vol.23, pp.235-239, 2013 (Journal Indexed in SCI)
- XLVI. **Influence of the Functional Polymorphisms in the Organic Anion Transporting Polypeptide 1B1 in the Susceptibility to Colorectal Cancer**  
Ozhan G., Kara M., Sari F. M. , Yanar H. T. , Alpertunga B.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.17, pp.214-218, 2013 (Journal Indexed in SCI)
- XLVII. **Flavin-containing monooxygenase 3 gene polymorphisms in Turkish population.**  
ÖZHAN G., Topal P., ALPERTUNGA B.  
Toxicol Mech Methods., vol.22(6), pp.461-5, 2012 (Journal Indexed in SCI)
- XLVIII. **Flavin-containing monooxygenase 3 gene polymorphisms in Turkish population**  
Ozhan G., Topal P., Alpertunga B.  
TOXICOLOGY MECHANISMS AND METHODS, vol.22, pp.461-465, 2012 (Journal Indexed in SCI)
- XLIX. **Acute Pancreatitis Is Associated with Ser608Leu iNOS Polymorphism**  
Ozhan G., Sari F. M. , Vefai M., Yanar H. T. , Alpertunga B.  
FOLIA BIOLOGICA, vol.58, pp.256-260, 2012 (Journal Indexed in SCI)
- L. **Cyclooxygenase-2 Polymorphisms and Pancreatic Cancer Susceptibility**  
Ozhan G., Lochan R., Leathart J. B. S. , Charnley R., Daly A. K.  
PANCREAS, vol.40, pp.1289-1294, 2011 (Journal Indexed in SCI)
- L. **The Effect of Genetic Polymorphisms of Cyclooxygenase 2 on Acute Pancreatitis in Turkey**  
Ozhan G., Yanar T. H. , Ertekin C., Alpertunga B.  
PANCREAS, vol.39, pp.371-376, 2010 (Journal Indexed in SCI)
- LI. **Polymorphisms in Tumour Necrosis Factor Alpha (TNF alpha) Gene in Patients with Acute Pancreatitis**  
Ozhan G., Yanar H. T. , Ertekin C., Alpertunga B.  
MEDIATORS OF INFLAMMATION, 2010 (Journal Indexed in SCI)
- LII. **Acrylamide-Induced Oxidative Stres in Human Erythrocytes.**  
Catalgol Karademir B., ÖZHAN G., ALPERTUNGA B.  
Hum. Exp. Toxicol., vol.28 (10);, pp.611-0, 2009 (Journal Indexed in SCI)
- LIII. **ASSESSMENT OF THE GENOTOXIC POTENTIAL OF SURFACE WATERS USING UMU-ASSAY**  
Ozhan G., Catalgol B., Alpertunga B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.2071-2077, 2008 (Journal Indexed in SCI)
- LIV. **Liquid chromatographic analysis of maneb and its main degradation product, ethylenethiouera, in fruit juice**  
Oezhan G., Alpertunga B.  
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- L. **Indole-based hydrazide-hydrazones and 4-thiazolidinones: Synthesis and evaluation as antimycobacterial agents**  
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- LXXVII. **Acrylamide-Induced Oxidative Stress in Human Erythrocytes**  
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## Supported Projects

ÖZTAŞ E., BIŞİRİR E., ÖZHAN G., Project Supported by Higher Education Institutions, Asetamipridin Nörotoksik Etki Potansiyelinin İn Vitro Araştırılması, 2018 - 2019

ÖZTAŞ E., TÜKEL R., ÖZHAN G., Project Supported by Higher Education Institutions, İnsan Paraoksonaz Gen Polimorfizminin Çeşitli Hastalıkların Yatkinlığına Etkisi ve Türk Popülasyonundaki Dağılımı, 2018 - 2018



YILDIZ PEKÖZ A., PALA KARA Z., ÖZHAN G., AKBAL DAĞISTAN Ö., ŞAHİN G., Project Supported by Higher Education Institutions, Kronik Obstruktif Akciğer Hastalığında C vitamini Transport Sisteminin Etkisi, 2015 - 2018

ÖZTAŞ E., ABUDAYYAK M., ÇELİKSÖZ M., ÖZHAN G., Project Supported by Higher Education Institutions, Clarification of the Molecular Pathways Responsible for Neurotoxicity of a Third Generation Synthetic Cannabinoid AKB48, 2017 - 2017

ÖZTAŞ E., ÖZHAN G., AKYÜZ A., ÇİLİNGİR U., Project Supported by Higher Education Institutions, MLH1 Gen Polimorfizminin Kolorektal Kanser Gelişimine Etkisinin Araştırılması, 2016 - 2017

ÖZTAŞ E., YAZAR ÜREK S., ÖZHAN G., Project Supported by Higher Education Institutions, Homosalatem Endokrin Bozucu Etkilerinin Gen Düzeyinde Araştırılması, 2016 - 2017

ERDAL M. S. , ÖZHAN G., GÜNGÖR S., GÜRBÜZ A., GÜNGÖRDÜK S., Project Supported by Higher Education Institutions, Flurbiprofen yüklü koloidal taşıyıcı sistemlerin formülasyon optimizasyonunun yapay sinir ağları kullanılarak gerçekleştirilmesi ve ilacın deriye penetrasyonunun in vitro koşullarda incelenmesi, 2016 - 2017

TAN N., MİSKİ M., YAZICI TÜTÜNİŞ S., AKALIN URUŞAK E., ÖZHAN G., TAN E., Project Supported by Higher Education Institutions, Endemik Prangos turcica A. Duran, M. Sağıroğlu & H. Duman türü üzerine Farmakognozik Çalışmalar, 2014 - 2017

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ALPERTUNGA B., ÖZHAN G., TUBITAK Project, HER2 Amplifikasyonu Göstermeyen Metastatik Gastrik/Gastroözefageal Bileşke Adenokanserli Hastalarda Verilen 1. Seri Sisplatin ve 5-Florourasil'in Etkinliliği ve Toksisitesi Üzerine Genetik Polimorfizmin Etkisi, 2013 - 2016

OKYAR A., ÖZHAN G., PALA KARA Z., Project Supported by Higher Education Institutions, Sisplatin/5-FU kemoterapi rejiminin mide kanserli hastalardaki farmakokinetiğinin değerlendirilmesi, 2012 - 2016

ÖZHAN G., TUBITAK Project, i-NOS, COX-2 ve TNF-a gen polimorfizmi ile hepatit ve karaciğer kanseri arasındaki ilişkinin araştırılması, 2008 - 2008

## **Memberships / Tasks in Scientific Organizations**

Society of Toxicology, Member, 2011 - Continues

Moleküler Kanser Araştırma Derneği, Member, 2010 - Continues

Farmakovijilans Derneği, Member, 2008 - Continues

Türk Toksikoloji Derneği, Member, 2002 - Continues

Association of European Toxicologists and European Societies of Toxicology, Member, 2002 - Continues

Klinik Toksikoloji Derneği, Member, 2009 - 2011

Türk Biokimya Derneği, Member, 2005 - 2010

Federation of European Biochemical Societies, Member, 2005 - 2010

## **Scientific Refereeing**

Genetic Testing and Molecular Biomarkers, SCI Journal, January 2015

Biomarkers, SCI Journal, January 2015

Environmental Processes, SCI Journal, January 2015

African Journal of Environmental Science and Technology, Journal Indexed in SSCI, January 2015

Journal of the Science of Food and Agriculture, Journal Indexed in SSCI, January 2015

World Journal of Gastroenterology, SCI Journal, January 2015

Biological Trace Element Research, SCI Journal, January 2015

European Journal of Gastroenterology & Hepatology, SCI Journal, January 2014

Chemico-Biological Interactions, SCI Journal, January 2014

DNA and Cell Biology , SCI Journal, April 2013

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Türkiye Klinikleri , National Scientific Refreed Journal, December 2012  
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Human & Experimental Toxicology , SCI Journal, November 2012  
Colloids and Surfaces B: Biointerfaces , SCI Journal, October 2012  
Journal of Hydrology , SCI Journal, October 2012  
Human & Experimental Toxicology , SCI Journal, October 2012  
Journal of Biochemical and Molecular Toxicology , SCI Journal, September 2012  
Journal of Marmara University Institute of Health Sciences , National Scientific Refreed Journal, May 2012  
Food Additives and Contaminants , SCI Journal, March 2012  
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Molecular Biology Reports , SCI Journal, November 2011  
Journal of the Science of Food and Agriculture , SCI Journal, May 2011  
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Food Additives and Contaminants , SCI Journal, January 2011  
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International Journal of Pharmaceutical Medicine , SCI Journal, September 2005

## **Invited Congress and Symposium Activities**

II.Toksikoloji Sempozyumu, Attendee, Eskişehir, Turkey, 2013  
Istanbul International Solid Waste, Water and Wastewater Congress, Attendee, İstanbul, Turkey, 2013  
4th International Congress BioNanoMed, Attendee, Krem, Austria, 2013  
SOT Annual Meeting and Tox. Expo 2013, Attendee, San Antonia, United States Of America, 2013  
48th Congress of the European Societies of Toxicology, Attendee, Stokholm, Sweden, 2012  
10th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2012  
Nanosafety Congress, Attendee, Antalya, Turkey, 2012  
SOT Annual Meeting and Tox. Expo 2012, Attendee, San Fransisko, United States Of America, 2012  
47th Congress of the European Societies of Toxicology, Attendee, Paris, France, 2011  
9th International ISSX Meeting, Attendee, İstanbul, Turkey, 2010  
IUTOX-XII International Congress of Toxicology, Attendee, Barselona, Spain, 2010  
IUTOX-XII International Congress of Toxicology, Attendee, Barselona, Spain, 2010  
IUTOX-XII International Congress of Toxicology, Attendee, Barselona, Spain, 2010  
7th International Congress of Turkish Society of Toxicology, Attendee, Ankara, Turkey, 2009  
III. International Congress of Molecular Medicine, Attendee, İstanbul, Turkey, 2009  
44th Congress of the European Societies of Toxicology, Attendee, Amsterdam, Netherlands, 2007  
6th International Congress of Turkish Society of Toxicology, Attendee, Antalya, Turkey, 2006  
4th MGPR International Symposium of Pesticides in Food and The Environment in Mediterranean Countries and MGPR Annual Meeting, Attendee, Aydın, Turkey, 2005  
5th International Congress of Turkish Society of Toxicology, Attendee, Antalya, Turkey, 2003  
7th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2003  
39th Congress of The European Societies of Toxicology, Attendee, İstanbul, Turkey, 2001  
6th European Congress of Pharmaceutical Sciences, Attendee, Budapeşte, Hungary, 2000

## **Citations**

Total Citations (WOS):529

h-index (WOS):12