

Prof. Sibel ÖZDEN

Personal Information

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Address: İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Toksikoloji AD. Beyazıt, 34116, İstanbul.

Education Information

2006 - 2008	Post Doctorate, İstanbul Üniversitesi, Würzburg Üniversitesi, Toksikoloji Enstitüsü, Turkey
2001 - 2006	Doctorate, İstanbul Üniversitesi, Faculty of Pharmacy, Farmasötik Toksikoloji Ad, Turkey
1998 - 2001	Postgraduate, İstanbul Üniversitesi, Faculty of Pharmacy, Farmasötik Toksikoloji Ad, Turkey
1994 - 1998	Undergraduate, İstanbul Üniversitesi, Faculty of Pharmacy, Turkey

Foreign Languages

English, B2 Upper Intermediate German, A1 Beginner

Certificates, Courses and Trainings

2015	The Future of Developmental and Reproductive Toxicology, Education Management and Planning, Society of Toxicology 54th Annual Meeting and ToxExpo 2015
2015	Toxicogenomics Meets Regulatory Decision-Making, Education Management and Planning, Society of Toxicology 54th Annual Meeting and ToxExpo 2015
2015	New Horizons in Chemical Carcinogenesis, Education Management and Planning, Society of Toxicology 54th Annual Meeting and ToxExpo 2015
2014	Eğiticiler Buluşması. Modül 1: Eğitimde Etkileşim ve Katılımın Güçlendirilmesi, Education Management and Planning, İstanbul Üniverstesi
2014	Predictive Cell Culture Systems, Health&Medicine, SafeScimet
2013	Kozmetik Ürünlerin Güvenlilik Değerlendirme Kursu, Education Management and Planning, Türk Toksikoloji Derneği
2013	Toxic Effects of Metals, Education Management and Planning, Society of Toxicology 52th Annual Meeting and ToxExpo 2013
2013	T4: Tools and Technologies in Translational Toxicology, Education Management and Planning, Society of Toxicology 52th Annual Meeting and ToxExpo 2013
2012	Developments in Risk Assessment, Education Management and Planning, 8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi
2012	Chemicals regulation in EU, REACH and CLP-Legislation and Consequences, Education Management and Planning, 8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi
2012	İmmünohistokimya ve Western Blot Eğitimi: Nöroimmünoloji Uygulamaları, Education Management and Planning, İ. Ü. Deneysel Tıp Araştırma Enstitüsü
2012	Bilimsel Çalışmalarda İstatistiğin Rolü: Bilinmesi Gereken Yöntemler ve Uygulama Alanları Kursu, Education Management and Planning, Türk Biyokimya Derneği
2012	Applications of Biomarkers in the Assessment of Health and Disease, Education Management and Planning, Society of Toxicology 51th Annual Meeting and ToxExpo 2012

2012	Alternative In Vitro Toxicology Testing for the 21st Century, Education Management and Planning, Society of Toxicology 51th Annual Meeting and ToxExpo 2012
2012	MicroRNAs in Biology and Toxicology, Education Management and Planning, Society of Toxicology 51th Annual Meeting and ToxExpo 2012
2011	11. Hybrid Course in Integration of Cytogenetics, Microarrays and Massive Sequencing, Education Management and Planning, İ. Ü. Deneysel Tıp Araştırma Enstitüsü
2011	1st Inter University Certificate Program of Predictive Personalized Medicine, Education Management and Planning, Yeditepe Üniversitesi
2010	Klinik Toksikoloji Kursu, Education Management and Planning, Klinik Toksikoloji Derneği
2010	Eurotox Advanced Toxicology Course, Education Management and Planning, Eurotox
2010	Genetik Çalışmalarda Biyoinformatik Uygulamalar, Education Management and Planning, TÜBİTAK-MAM
2009	Temel Biyoinformatik Yöntemleri Uygulamalı Eğitimi, Education Management and Planning, TÜBİTAK-MAM
2008	Structural Variations in Genome, Gene Expression, Single Cell Analysis, Education Management and Planning, FEBS Advanced Course
2007	Eurotox Basic Toxicology Course, Education Management and Planning, Eurotox
2007	Course in Statistics, Education Management and Planning, Toksikoloji ve Farmakoloji Enstitüsü, Würzburg Üniversitesi
2006	International Free Radical Summer School 2006, Education Management and Planning, SFRR
2006	Makale Yazma Uygulaması Kursu, Education Management and Planning, İ. Ü. Sağlık Bilimleri Enstitüsü
2005	Deneysel Hayvanları Uygulama ve Etik Kursu, Education Management and Planning, İ.Ü. Cerrahpaşa Tıp Fakültesi
2000	Uygulamalı HPLC'ye Giriş ve Ayırım Teknikleri Eğitimi, Education Management and Planning, Dolunay Eğitim Merkezi

Dissertations

2006	Bazı Pestisidlerin Oksidatif Stres Oluşturma Potansiyellerinin ve Antioksidan Sistemler Üzerine Etkilerinin Sıçanlarda Araştırılması, İstanbul University, Health Sciences Institute, Farmasötik Toksikoloji Ad, Doctorate
2001	Herbisid ve İnsektisid Etkili Bazı Önemli Tarım İlaçlarının Yüzey Sularında Yüksek Basıncılı Sıvı Kromatografisi ile Analizleri, İstanbul University, Health Sciences Institute, Farmasötik Toksikoloji Ad, Postgraduate

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Toxicology

Academic Titles / Tasks

2020 - Continues	Professor, İstanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences
2012 - 2020	Associate Professor, İstanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences
2009 - 2012	Assistant Professor, İstanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences

2006 - 2009	Research Assistant PhD, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences
1998 - 2006	Research Assistant, Istanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences

Academic and Administrative Experience

2016 - Continues	Ethics Committee Member, İstanbul Üniversitesi, Kozmetik Klinik Araştırmalar Etik Kurulu
2015 - Continues	Board Member, İstanbul Üniversitesi, Faculty of Pharmacy , Eczacılık Fakültesi

Courses

2013 - 2014, 2014 - 2015, 2015 - 2016	Bilimsel Araştırma ve Literatür Tarama, Undergraduate
2014 - 2015	Farmasötik Toksikoloji , Undergraduate
2013 - 2014, 2015 - 2016	Bitirme Projesi - 1, Undergraduate
2013 - 2014, 2014 - 2015, 2015 - 2016	Klinik Toksikoloji, Undergraduate
2014 - 2015	Çevre Toksikolojisi, Postgraduate
2014 - 2015	Zehirlenmeler ve Antidotlar , Undergraduate
2014 - 2015	Pestisid Toksikolojisi , Postgraduate
2014 - 2015	Kozmetik Ürün Güvenliği , Postgraduate
2014 - 2015	Toksikolojide Moleküler Teknikler , Doctorate
2014 - 2015	Bitirme Projesi , Undergraduate
2014 - 2015	Kimyasal Karsinogenez, Doctorate
2014 - 2015	Toksikolojide Bilimsel Araştırma ve Literatür Tarama, Postgraduate
2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013	BİTİRME PROJESİ - II, Undergraduate
2013 - 2014	ÇEVRE TOKSİKOLOJİSİ, Postgraduate
2012 - 2013	FARMASÖTİK TOKSİKOLOJİ, Postgraduate
2010 - 2011, 2013 - 2014	TOKSİKOLOJİDE ANALİZ YÖNTEMLERİ, Postgraduate
2013 - 2014	Genel Toksikoloji , Postgraduate
2013 - 2014	Zehirlenmeler ve Antidotlar , Postgraduate
2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013	BİTİRME PROJESİ - I, Undergraduate
2010 - 2011, 2011 - 2012, 2012 - 2013	ZEHİRLENMELER VE ANTİDOTLAR, Postgraduate
2010 - 2011, 2011 - 2012, 2012 - 2013	Bilimsel Araştırma ve Literatür Tarama , Undergraduate
2009 - 2010, 2010 - 2011, 2011 - 2012	FARMASÖTİK TOKSİKOLOJİ, Undergraduate
2010 - 2011, 2011 - 2012, 2012 - 2013	KLİNİK TOKSİKOLOJİ, Undergraduate
2009 - 2010	KLİNİK TOKSİKOLOJİ II, Doctorate
2009 - 2010	ÇEVRE TOKSİKOLOJİSİ, Postgraduate

2009 - 2010	TOKSİKOLOJİDE LİTERATÜR TARANMASI VE DEĞERLENDİRİLMESİ, Postgraduate
2009 - 2010	KLİNİK TOKSİKOLOJİ, Postgraduate
2009 - 2010	KLİNİK TOKSİKOLOJİ, Undergraduate

Advising Theses

Continues	ÖZDEN S., Doctorate, M.Şenyıldız(Student), Seçici Serotonin Geri Alım İnhibitörü İlaçların Endoplazmik Retikulum Stresi Üzerine Etkilerinin Hücre Kültüründe İncelenmesi
Continues	ÖZDEN S., Doctorate, Ş.Ömerustaoğlu(Student), Fumonisin B1'in Kanser ile İlişkili Yolaklarda Rol Oynayan Genler Üzerine Etkilerinin Hücre Kültürlerinde Araştırılması
2019	ÖZDEN S., Postgraduate, İ.Arıman(Student), Zearalenonun DNA Metilasyonu Üzerine Etkilerinin İnsan Böbrek Hücrelerinde İncelenmesi
2018	ÖZDEN S., Doctorate, E.Fatma(Student), Zearalenon ve metabolitlerinin enerji metabolizmasında rol oynayan genler üzerine etkilerinde epigenetik değişikliklerin in vitro incelenmesi
2017	ÖZDEN S., Postgraduate, T.Mehtiyev(Student), Glifosatın Çeşitli Hücre Kültürlerinde Toksik Etkilerinin Araştırılması
2016	ÖZDEN S., Postgraduate, M.Şenyıldız(Student), Bisfenol A'nın Farklı Hücre Kültürlerinde DNA Metilasyonu ve Histon Modifikasyonları Üzerine Etkilerinin Araştırılması
2016	ÖZDEN S., Postgraduate, A.Kılınc(Student), Neonikotinoid Grubu İnsektisidlerin Sitotoksik Etkilerinin Araştırılması
2016	ÖZDEN S., Postgraduate, P.Tuzcuoğlu(Student), Bisfenol A'nın Toksisitesinde Epigenetik Mekanizmaların Rolü
2015	ÖZDEN S., Postgraduate, A.Tosun(Student), Çeşitli Gıdalarda Okratoksin A Varlığının Araştırılması
2014	ÖZDEN S., Postgraduate, D.Sancak(Student), Fumonisin B1 Toksisitesinde Histon Modifikasyonlarının Rolü
2012	ÖZDEN S., Postgraduate, G.(Karakuş)(Student), Fumonisin B1'in Toksisitesinde Epigenetik Değişikliklerin Rolünün Araştırılması.

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

- I. **Diosgenin production in Trigonella foenum-graecum (Fenugreek) cell cultures in response to yeast extract elicitation**
İlgar B. A. , ÖZDEN S., ÇEPNİ YÜZBAŞIOĞLU F. E. , TURGUT KARA N.
Plant Cell, Tissue and Organ Culture, vol.146, pp.21-27, 2021 (Journal Indexed in SCI)
- II. **Synthesis, in vitro cytotoxic and apoptotic effects, and molecular docking study of novel adamantane derivatives**
Turk-Erbul B., Karaman E. F. , Duran G. N. , Ozbil M., Ozden S., Goktas F.
ARCHIV DER PHARMAZIE, 2021 (Journal Indexed in SCI)
- III. **Evaluation of the epigenetic alterations and gene expression levels of HepG2 cells exposed to zearalenone and alpha-zearalenol**
Karaman E. F. , Zeybel M., Ozden S.
TOXICOLOGY LETTERS, vol.326, pp.52-60, 2020 (Journal Indexed in SCI)
- IV. **Responses of oxidative stress and inflammatory cytokines after zearalenone exposure in human kidney cells**
Karaman E. F. , Arıman I., Ozden S.
WORLD MYCOTOXIN JOURNAL, vol.13, no.3, pp.411-421, 2020 (Journal Indexed in SCI)
- V. **Global and region-specific post-transcriptional and post-translational modifications of bisphenol A**

in human prostate cancer cells

Karaman E. F. , Caglayan M., Sancar-Bas S., Ozal-Coskun C., Arda-Pirincci P., Ozden S.
ENVIRONMENTAL POLLUTION, vol.255, 2019 (Journal Indexed in SCI)

- VI. **Alterations in global DNA methylation and metabolism-related genes caused by zearalenone in MCF7 and MCF10F cells**
Karaman E. F. , Ozden S.
MYCOTOXIN RESEARCH, vol.35, no.3, pp.309-320, 2019 (Journal Indexed in SCI)
- VII. **Investigation of the genotoxic and cytotoxic effects of widely used neonicotinoid insecticides in HepG2 and SH-SY5Y cells**
Senyildiz M., Kilinc A., Ozden S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.34, no.6, pp.375-383, 2018 (Journal Indexed in SCI)
- VIII. **DNA methylation related gene expression and morphophysiological response to abiotic stresses in Arabidopsis thaliana**
Arikan B., Ozden S., Turgut-Kara N.
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.149, pp.17-26, 2018 (Journal Indexed in SCI)
- IX. **OCCURENCE OF OCHRATOXIN A IN BOTANICAL PRODUCTS COMMERCIALIZED IN TURKEY**
Ozden H., Ozden S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.3367-3374, 2018 (Journal Indexed in SCI)
- X. **Effects of BPA on global DNA methylation and global histone 3 lysine modifications in SH-SY5Y cells: An epigenetic mechanism linking the regulation of chromatin modifying genes**
Senyildiz M., Karaman E. F. , Bas S. S. , Pirincci P. A. , Ozden S.
TOXICOLOGY IN VITRO, vol.44, pp.313-321, 2017 (Journal Indexed in SCI)
- XI. **Ochratoxin A in red pepper flakes commercialised in Turkey**
Tosun A., Ozden S.
FOOD ADDITIVES & CONTAMINANTS PART B-SURVEILLANCE, vol.9, no.1, pp.46-50, 2016 (Journal Indexed in SCI)
- XII. **Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure**
Ozden S., Kara N. T. , SEZERMAN O. U. , Durasi I. M. , Chen T., Demirel G., Alpertunga B., Chipman J. K. , MALLY A.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.289, no.2, pp.203-212, 2015 (Journal Indexed in SCI)
- XIII. **Global histone modifications in Fumonisin B1 exposure in rat kidney epithelial cells**
Sancak D., Ozden S.
TOXICOLOGY IN VITRO, vol.29, no.7, pp.1809-1815, 2015 (Journal Indexed in SCI)
- XIV. **Role of fumonisin B1 on DNA methylation changes in rat kidney and liver cells**
Demirel G., Alpertunga B., Ozden S.
PHARMACEUTICAL BIOLOGY, vol.53, no.9, pp.1302-1310, 2015 (Journal Indexed in SCI)
- XV. **Ochratoxin A in dried grapes and grape-derived products in Turkey**
Akdeniz A. S. , Ozden S., Alpertunga B.
FOOD ADDITIVES & CONTAMINANTS PART B-SURVEILLANCE, vol.6, no.4, pp.265-269, 2013 (Journal Indexed in SCI)
- XVI. **Acute effects of methiocarb on oxidative damage and the protective effects of vitamin E and taurine in the liver and kidney of Wistar rats**
Ozden S., Catalgol B., Gezginici-Oktayoglu S., Karatug A., Bolkent S., Alpertunga B.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.1, pp.60-71, 2013 (Journal Indexed in SCI)
- XVII. **Low Doses of the Carcinogen Furan Alter Cell Cycle and Apoptosis Gene Expression in Rat Liver Independent of DNA Methylation**
Chen T., Mally A., Ozden S., Chipman J. K.
ENVIRONMENTAL HEALTH PERSPECTIVES, vol.118, no.11, pp.1597-1602, 2010 (Journal Indexed in SCI)
- XVIII. **Effects of methiocarb on lipid peroxidation and glutathione level in rat tissues**
Ozden S., Alpertunga B.
DRUG AND CHEMICAL TOXICOLOGY, vol.33, no.1, pp.50-54, 2010 (Journal Indexed in SCI)
- XIX. **Functional and Proliferative Effects of Repeated Low-Dose Oral Administration of Furan in Rat Liver**

- Mally A., Graff C., Schmal O., Moro S., Hamberger C., Schauer U. M., Brück J., Özden S., Sieber M., Steger U., et al. MOLECULAR NUTRITION & FOOD RESEARCH, vol.54, no.11, pp.1556-1567, 2010 (Journal Indexed in SCI)
- XX. **Methiocarb-induced oxidative damage following subacute exposure and the protective effects of vitamin E and taurine in rats**
Ozden S., Catalgol B., Gezginci-Oktayoglu S., Arda-Pirincci P., Bolkent S., Alpertunga B. FOOD AND CHEMICAL TOXICOLOGY, vol.47, no.7, pp.1676-1684, 2009 (Journal Indexed in SCI)
- XXI. **Absence of 2'-deoxyguanosine-carbon 8-bound ochratoxin A adduct in rat kidney DNA monitored by isotope dilution LC-MS/MS**
Delatour T., Mally A., Richoz J., Özden S., Dekant W., Ihmels H., Otto D., Gasparutto D., Marin-Kuan M., Schilter B., et al. MOLECULAR NUTRITION & FOOD RESEARCH, vol.52, pp.472-482, 2008 (Journal Indexed in SCI)
- XXII. **Effects of trichlorfon on malondialdehyde and antioxidant system in human erythrocytes**
Catalgol B. K., Ozden S., Alpertunga B. TOXICOLOGY IN VITRO, vol.21, no.8, pp.1538-1544, 2007 (Journal Indexed in SCI)
- XXIII. **Oxidative stress and histological changes in the in the kidney following oral methiocarb administrations in rats: Role of vitamin E and taurine**
Ozden S., Gezginci S., Catalgol B. K., Bolkent S., Alpertunga B. TOXICOLOGY LETTERS, vol.172, 2007 (Journal Indexed in SCI)
- XXIV. **Oxidative stress in rats induced by methiocarb and ameliorating effects of vitamin E and taurin**
Alpertunga B., Ozden S., Catalgol B. TOXICOLOGY LETTERS, vol.172, 2007 (Journal Indexed in SCI)
- XXV. **Ochratoxin A: 13-week oral toxicity and cell proliferation in male F344/N rats**
Rached E., Hard G. C., Blumbach K., Weber., Draheim., Lutz W. K., Özden S., Steger., Dekant W., Mally A. TOXICOLOGICAL SCIENCES, vol.97, pp.288-298, 2007 (Journal Indexed in SCI)
- XXVI. **Simultaneous determination of various pesticides in fruit juices by HPLC-DAD**
Topuz S., Ozhan G., Alpertunga B. FOOD CONTROL, vol.16, no.1, pp.87-92, 2005 (Journal Indexed in SCI)
- XXVII. **Determination of Commonly Used Herbicides in Surface Water Using Solid-Phase Extraction and Dual-Column HPLC-DAD.**
ÖZHAN G., Özden S., ALPERTUNGA B. J. Environ. Sci. Health B., vol.40, pp.827-840, 2005 (Journal Indexed in SCI)
- XXVIII. **Determination of triazines and N-methylcarbamate pesticides in water by high-performance liquid chromatography-diode array detection**
Topuz S., Alpertunga B. INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.83, no.9, pp.787-795, 2003 (Journal Indexed in SCI)
- XXIX. **A simple method for the determination of carbaryl and 1-naphthol in fruit juices by high-performance liquid chromatography-diode-array detection**
Ozhan G., Topuz S., Alpertunga B. JOURNAL OF FOOD PROTECTION, vol.66, no.8, pp.1510-1513, 2003 (Journal Indexed in SCI)
- XXX. **A Simple Method for The Determination of Carbaryl and 1-Naphthol in Fruit Juices by HPLC-DAD**
ÖZHAN G., TOPUZ S., ALPERTUNGA B. JOURNAL OF FOOD PROTECTION, vol.66, no.8, pp.1510-1513, 2003 (Journal Indexed in SCI)
- XXXI. **Determination of Cyclonite (RDX) in Human Serum by High Performance Liquid Chromatography.**
ÖZHAN G., Topuz S., ALPERTUNGA B. Il Farmaco, vol.58, pp.445-448, 2003 (Journal Indexed in SCI Expanded)
- XXXII. **Determination of Cyclonite (RDX) in Human Serum by High Performance Liquid Chromatography**
ÖZHAN G., TOPUZ S., ALPERTUNGA B. Il Farmaco, vol.58, pp.445-448, 2003 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **The effects of prochloraz on the levels of nuclear receptor genes expressions and global DNA methylation in human prostate carcinoma cells**
Karaman E. F. , Dogan E., Alga D., Ozden S.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.2, pp.191-197, 2021 (Journal Indexed in ESCI)
- II. **Investigation the effects of synthetic cannabinoid-akb48 on dna methylation via the regulation of cannabinoid receptor gene specific methylation in vitro**
Karaman E. F. , Yiğiter Ş., ÖZDEN S.
Journal of Research in Pharmacy, vol.25, no.5, pp.626-633, 2021 (Journal Indexed in ESCI)
- III. **Liquid chromatographic determination of citrinin residues in various meat products: A pioneer survey in Turkey**
SARI F. M. , ÖZTAŞ E., ÖZDEN S., ÖZHAN G.
ISTANBUL JOURNAL OF PHARMACY, vol.50, pp.195-201, 2020 (Journal Indexed in ESCI)
- IV. **Global DNA Hypomethylation and Rassf1a and c-myc Promoter Hypermethylation in Rat Kidney Cells after Bisphenol A Exposure.**
Tuzcuoglu P., ÖZDEN S.
Turkish Journal of Pharmaceutical Sciences, vol.1, pp.0-10, 2020 (Other Refereed National Journals)
- V. **The subchronic effects of acetamipride on the global DNA methylation levels in Sprague-Dawley rat brain and liver**
Arıcan Y. E. , Karaman E. F. , Ozden S.
ISTANBUL JOURNAL OF PHARMACY, vol.49, no.3, pp.167-172, 2019 (Journal Indexed in ESCI)
- VI. **Kozmetik Ürünlerin Toksisitesi: Endokrin Bozucu Kimyasallar.**
Karaman E. F. , ÖZDEN S.
LİTERATÜR ECZACILIK BİLİMLERİ DERGİSİ, vol.8, no.2, pp.138-146, 2019 (Other Refereed National Journals)
- VII. **Alteration on global and gene-specific DNA methylation and global histone modifications in HepG2 cells in response to BPA**
Şenyıldız M., Karaman E. F. , Bas S., Pirincci P. A. , Ozden S.
ISTANBUL JOURNAL OF PHARMACY, vol.46, no.2, pp.97-114, 2016 (Journal Indexed in ESCI)
- VIII. **Alteration on global and gene-specific DNA methylation and global histone modifications in HepG2 cells in response to BPA**
Şenyıldız M., Karaman E., SANCAR BAŞ S., ARDA PİRİNÇÇİ B. P. , ÖZDEN S.
Journal of Faculty of Pharmacy of Istanbul University, vol.46, no.2, pp.97-114, 2016 (National Refreed University Journal)
- IX. **Alteration in Global DNA Methylation after Bisphenol A Exposure in MCF-7 Cells.**
Şenyıldız M., ÖZDEN S.
J. Fac. Pharm. Istanbul, vol.50, pp.1-10, 2015 (National Refreed University Journal)
- X. **Effects of taurine and vitamin E on lipid peroxidation, antioxidant system and histological changes in Wistar rat liver and kidney after short-term exposure of methiocarb.**
Özden S., BOLKENT Ş., GEZGİNCİ OKTAYOĞLU S., Arda Pirincci P., KARATUĞ A., ALPERTUNGA B.
Journal of Faculty of Pharmacy of Istanbul University, vol.42, no.2, pp.83-102, 2012 (International Refereed University Journal)
- XI. **Determination of Cyclonite (RDX) in Human Plasma by High-Performance Liquid Chromatography**
ÖZHAN G., Topuz S., ALPERTUNGA B.
Il Farmaco, vol.58, pp.445-448, 2003 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **EczÇEP- Eczacılık Fakülteleri Müfredat Detay Çalışması**
Akalm Uruşak E., Akev N., Erginer Y., Güzeldemirci N., Toker S., Kolak U., Özhan G., Güngör S., Gürer Ç., Özden S., et al.
Kapitta Yayıncılık, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF THE EFFECTS OF PIOGLITAZONE ON ENDOPLASMIC RETICULUM (ER) STRESS AND AUTOPHAGY IN THE PERIVASCULAR ADIPOSE TISSUE (PVAT) OF TYPE-2 DIABETIC RATS**
Civelek E., Karaman E. F. , Özden S., Uydeş Doğan B. S. , Kaleli Durman D.
26. Ulusal ve 1. Uluslararası Farmakoloji Kongresi, İzmir, Turkey, 4 - 06 November 2021, pp.358
- II. **Influence of epigenetic mechanisms in kidney toxicity: Ochratoxin A and Fumonisin**
ÖZDEN S.
10th International Congress of the Turkish Society of Toxicology., Antalya, Turkey, 16 - 19 October 2019, pp.1
- III. **Investigation of the effects of zearalenone in the genes related to energy metabolism in vitro: relation with the epigenetic alterations**
Karaman E. F. , Zeybel M., ÖZDEN S.
10th International Congress of the Turkish Society of Toxicology., Antalya, Turkey, 16 - 19 October 2019, pp.1
- IV. **Investigation of the Effects of Zearalenone and Its Metabolites in the Genes Related to Energy Metabolism In Vitro: Relation with the Epigenetic Alterations**
Karaman E. F. , Zeybel M., ÖZDEN S.
58th Annual Meeting and ToxExpo 2019, Baltimore, United States Of America, 10 - 14 March 2019, pp.1
- V. **Effects of fumonisin B1 on the promoter methylation of tumor suppressor genes and their relation with histone modifications in HK-2 kidney cells.**
Karaman E. F. , Ömerustaoğlu Bayoğlu Ş., ÖZDEN S.
58th Annual Meeting and ToxExpo 2019, Baltimore, United States Of America, 10 - 14 March 2019, pp.1
- VI. **Farmasötik Atıkların İnsan Sağlığı Üzerine Etkileri.**
ÖZDEN S.
IV. Ulusal Sağlık Kuruluşları Çevre Yönetimi Sempozyumu., İstanbul, Turkey, 24 - 25 October 2018, pp.1
- VII. **Effects of BPA on Global DNA Methylation and Global Histone 3 Lysine Modifications in SH-SY5Y Cells: An Epigenetic Mechanism Linking the Regulation of Chromatin Modifying Genes.**
Şenyıldız M., Karaman E. F. , SANCAR BAŞ S., Arda-Pirincci P., ÖZDEN S.
10th Congress of Toxicology in Developing Countries, Belgrad, Serbia And Montenegro, 18 - 21 April 2018, pp.1
- VIII. **Evaluation of Nephrotoxic Effects of Zearalenone in Human Kidney Cells**
Karaman E. F. , Arıman İ., ÖZDEN S.
10th Congress of Toxicology in Developing Countries, Belgrad, Serbia And Montenegro, 18 - 21 April 2018, pp.1
- IX. **Effects of zearalenone on metabolism related pathways and its association with the epigenetic mechanisms in MCF-7 and MCF-10F cells**
Karaman E. F. , Senyildiz M., Ozden S.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
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- XII. **Arabidopsis thaliana'da Abiyotik Stres Koşullarında DNA Metilasyonu Analizleri**
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6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017, pp.53
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- XVI. **Türkiye’de Satılan Bitkisel Ürünlerde Okratoksin A Seviyeleri**
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4. Ulusal Botanik Kongresi, Afyon, Turkey, 6 - 09 July 2017, pp.46
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Xianmuxinuer ., Karaman E. F. , Şenyıldız M., ÖZDEN S.
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- XVIII. **Natural Occurrence of Ochratoxin A in Botanicals Commercialized In Turkey**
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IV. Toksikoloji Sempozyumu, Eskişehir, Turkey, 21 - 22 January 2017, pp.1
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- XXII. **Bitkisel İlaç Hammaddelerinde Epigenetiğin Rolü: Gen ekspresyonu ve mikroRNA (miRNA)’lar**
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22. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016, pp.1
- XXIII. **Actaea racemosa (Kara Yılanotu) Hormonal Tedavideki Rolü ve Toksisitesi**
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22. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016, pp.1
- XXIV. **Kurutulmuş Meyvelerde ve Bunların Çeşitli Ürünlerinde Sitrinin Miktarları ve Sitrinin Maruziyetinin Toksikolojik Açıdan Riskleri**
ÖZTAŞ E., ÖZDEN S., ÖZHAN G.
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- XXV. **Kozmetik Ürünlerin İnsan Sağlığı Üzerine Etkileri**
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III. Ulusal Sağlık Kuruluşları Çevre Yönetimi Sempozyumu, İstanbul, Turkey, 21 - 22 April 2016, pp.1
- XXVI. **Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure**
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- XXVII. **Global and gene-spesific promoter DNA methylation profiles of bisphenol A in HepG2 cells.**
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- XXVIII. **DNA METHYLATION PROFILES OF BISPHENOL A IN HUMAN NEUROBLASTOMA CELLS**

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13th European Meeting of the International Society for the Study of Xenobiotics, San Fransisco, United States Of America, 22 - 25 June 2015, pp.1

- XXIX. **Epigenetic Alterations of Endocrine Disruptors on Leptin Signaling Pathways and Alzheimer Disease**
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- XXX. **Does DNA Methylation as an Epigenetic Mechanisms Play a Role in Personalized Medicine?**
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54th SOT Annual Meeting and ToxExpo, San Diego, United States Of America, 22 - 26 March 2015, pp.1
- XXXII. **Metformin and Diabetes: The Risks of Cancer ?**
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1. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 28 - 30 November 2014, pp.1
- XXXIII. **Alzheimer and Chemicals**
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4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 24 September 2014, pp.1
- XXXIV. **Drug-Induced Liver Injury**
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- XXXV. **Effects of bentazone on lipid peroxidation and antioxidant systems in human erythrocytes in vitro**
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- XXXVIII. **Alterations in DNA methylation of Bisphenol A in rat kidney NRK-52E cells**
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- XL. **Alteration in global DNA methylation after bisphenol A exposure in MCF-7 cells**
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- XLIV. **DNA methylation profile of various cancer-related genes in rat cell**
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48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- XLV. **Alpertunga. DNA methylation profile of various cancer-related genes in rat cell lines**
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XII.International of Congress of Toxicology, Spain, 1 - 04 July 2010, pp.1
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46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189
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7. Uluslararası Katılımlı Türk Toksikoloji Dernegi Kongresi,, Ankara, Turkey, 1 - 04 June 2009, pp.1
- LIII. **DNA Methylation and Cancer**
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III. Uluslararası Moleküler Tıp Kongresi,, Turkey, 1 - 04 May 2009, pp.1
- LIV. **Modulation of Hepatic Gene Expression Independent of DNA Methylation in Furan Treated F344/N Rats**
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45th Congress of the European Societies of Toxicology, Greece, 1 - 04 October 2008, pp.1
- LVII. **Oxidative Stress and Histological Changes in The Kidney Following Oral Methiocarb Administration in Rats: Role of Vitamin E and Taurine**
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44th Congress of the European Societies of Toxicology, Netherlands, pp.1
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- Özden S., GEZGİNCİ OKTAYOĞLU S., Catalgol Karademir B., BOLKENT Ş., ALPERTUNGA B.
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- LIX. **The Effects of Methiocarb on Lipid Peroxidation and The Protective Role of Vitamin E and Taurine.**
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6th IC-TST; 6th International Congress of Turkish Society of Toxicology "Chemical Safety and Toxicology", Turkey, 1 - 04 November 2006, pp.1
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6th International Congress of Turkish Society of Toxicology "Chemical Safety and Toxicology", Turkey, 1 - 04 November 2006, pp.1
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- LXII. **Effects of Methiocarb on Lipid Peroxidation and Antioxidant System in Rat Tissues.**
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International Free Radical Summer School 2006: Biomarkers of oxidative stress and responses,, Greece, 1 - 04 October 2006, pp.1
- LXIII. **Effects of Trichlorfon on Lipid Peroxidation and Antioxidant System.**
Catalgol Karademir B., Özden S., ALPERTUNGA B.
13th Biennial Congress Society for Free Radical Research-International (SFRRRI 2006), Switzerland, 1 - 04 August 2006, pp.1
- LXIV. **Protective Effects of Vitamin E and Taurine in Methiocarb Induced Oxidative Stress in Rat Liver and Kidney.**
Özden S., Catalgol Karademir B., ALPERTUNGA B.
13th Biennial Congress Society for Free Radical Research-International (SFRRRI 2006), Switzerland, 1 - 04 August 2006, pp.1
- LXV. **Analysing of Herbicides in Surface and Drinking Waters Using SPE and LC with DAD.**
Özden S., ÖZHAN G., ALPERTUNGA B.
. 4th International Symposium of Pesticides in Food on The Environment in Mediterranean Countries and MGPR Annual Meeting 2005,, Turkey, 1 - 04 September 2005, pp.1
- LXVI. **Analysing of Some Herbicides in Water Samples Using SPE and LC with DAD**
ÖZHAN G., Özden S.
4th MGPR International Symposium of Pesticides in Food and The Environment in Mediterranean Countries and MGPR Annual Meeting, Turkey, 1 - 04 September 2005, pp.1
- LXVII. **Determination of Various Pesticides in Water by HPLC-DAD**
ÖZHAN G., Özden S., ALPERTUNGA B.
4th International Symposium of Pesticides in Food on The Environment in Mediterranean Countries and MGPR Annual Meeting 2005,, Turkey, 1 - 04 September 2005, pp.1
- LXVIII. **A simple and Sensitive Method for the Determination of Carbaryl and 1-Naphthol in Fruit Juices by Liquid Chromatography with Diode-Array Detection**
ÖZHAN G., Topuz S., ALPERTUNGA B.
5th International Congress of Turkish Society of Toxicology,, Turkey, 1 - 04 November 2003, pp.1
- LXIX. **Simultaneous Determination of Various Pesticides in Fruit Juices By Solid Phase Extraction-High Performance Liquid Chromatography with Photodiode-Array Detection.**
ÖZHAN G., Topuz S., ALPERTUNGA B.
5th International Congress of Turkish Society of Toxicology,, Turkey, 1 - 04 November 2003, pp.1
- LXX. **Determination of Various Pesticides in Water Using Different Solid-Phase Extraction Procedures by HPLC-DAD**
ÖZHAN G., Topuz S., ALPERTUNGA B.
7th International Symposium on Pharmaceutical Sciences (ISOPS-7), Turkey, 1 - 04 June 2003, pp.1
- LXXI. **Determination of Triazine and N-Methylcarbamate Pesticides in Water by Reversed Phase Liquid**

Chromatography-Diode Array Detection.

Topuz S., ALPERTUNGA B.

The 39th Congress of The European Societies of Toxicology (EUROTOX 2001), Turkey, 1 - 04 September 2001, pp.1

LXXII. **Determination of Cyclonite (RDX) in Human Serum by High-Performance Liquid Chromatography**

ÖZHAN G., Topuz S., ALPERTUNGA B.

The 39th Congress of The European Societies of Toxicology (=EUROTOX), İstanbul, Turkey, pp.1

LXXIII. **Anjiyotensin Dönüştürücü Enzim İnhibitörleri**

Topuz S.

6th Türkiye Eczacılık Kongresi, İstanbul, Turkey, 1 - 04 May 1997, pp.1

Supported Projects

2018 - 2019	DNA Methylation related gene expression and morphophysiological response to abiotic stresses in Arabidopsis thaliana, Project Supported by Higher Education Institutions
2012 - 2013	Proklorazın Genotoksik Etki Potansiyelinin Araştırılması, Project Supported by Higher Education Institutions
2007 - 2011	Okratoksin A düzeylerinin çeşitli gıdalarda araştırılması, Project Supported by Higher Education Institutions
2007 - 2008	Role of Genetic and Non-genetic Mechanisms in Furan Risk, EU Framework Program Project
2006 - 2008	Molecular Mechanism of the Toxicity and Carcinogenicity of The Mycotoxin Ochratoxin A, Other Supported Projects

Activities in Scientific Journals

2017 - Continues	Journal of Oncology Research Forecast, Committee Member
2017 - Continues	Journal of Nephrology Forecast, Committee Member
2016 - Continues	Austin Liver, Committee Member
2015 - Continues	Stem Cell Epigenetics, Committee Member
2013 - Continues	J. Fac. Pharm. İstanbul, Advisory Committee Member

Memberships / Tasks in Scientific Organizations

2012 - Continues	Society of Toxicology, Member
2010 - Continues	European Association for Cancer Research, Member
2008 - Continues	Moleküler Kanser Araştırma Derneği, Member
2003 - Continues	International Union of Toxicology, Member
2003 - Continues	Türk Toksikoloji Derneği, Member
2003 - Continues	Federation of European Toxicologist and European Societies of Toxicology, Member
2010 - 2011	Klinik Toksikoloji Derneği, Member
2006 - 2008	Federation of European Biochemical Society, Member
2006 - 2008	Türk Biyokimya Derneği, Member

Edit Congress and Symposium Activities

2012	8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Attendee, Antalya, Turkey
2012	Eppendorf Pipet ve Santrifüj Ürünlerinin Tanıtımı ve Uygulaması, Attendee, İstanbul, Turkey

2012	Olympus Marka BX53 model mikroskop cihazına ilişkin Kullanıcı Eğitim Programı, Attendee, İstanbul, Turkey
2011	9th International Comet Assay Workshop, Attendee, Kuşadası, Turkey
2011	Cytotoxicity and Genotoxicity Testing Systems, Attendee, İstanbul, Turkey
2011	Moleküler Biyoloji ve Genetik Hafta sonu VI, Attendee, İstanbul, Turkey
2010	LightCycler 480 Cihazı-Software 1.5 Eğitimi, Attendee, İstanbul, Turkey
2008	Çevre ve Kanser Sempozyumu, Attendee, İstanbul, Turkey
2008	Programlı Hücre Ölümü Sempozyumu, Attendee, İstanbul, Turkey
2008	3rd Euro-Asian Conference on Hazardous Waste & Human Health, Attendee, İstanbul, Turkey
2007	48. Jahrestagung der DGPT, Attendee, Mainz, Germany
2006	31st FEBS Congress 2006, Attendee, İstanbul, Turkey
2005	XVII International Botanical Congress, Attendee, Viyana, Austria
2004	19th European Workshop on Drug Metabolism DMW-2004, Attendee, Antalya, Turkey
2004	Klinik Toksikoloji Derneği 10. Bilimsel Toplantısı, Attendee, Bursa, Turkey
2003	7th Ulusal Eczacılık Kongresi, Attendee, İstanbul, Turkey
2003	HPLC ve Diğer Separasyon Teknikleri Ulusal Sempozyumu, Attendee, Ankara, Turkey
2003	Yeni Yüzyılda Modern İnce Tabaka Kromatografisi (T.L.C.) ve HPTLC, Attendee, İstanbul, Turkey

Citations

- I. Total Citations (WOS): 433
- II. h-index (WOS): 12

Scholarships

2008 - Continues	Yardımcı Araştırmacı Bursu, University
2007 - Continues	Doktora Sonrası Araştırma Bursu, Official Institutions of Foreign Countries
2006 - Continues	Doktora Sonrası Araştırma Bursu, Foundation

Awards

August 2011	SITOX Young Scientists Award, 47th Congress of the European Societies of Toxicology-EUROTOX 2011
September 2009	Kongre seyahat bursu, 46th Congress of the European Societies of Toxicology 2009
September 2008	Seyahat ve kayıt ücreti bursu, FEBS Advanced Course 2008-FEBS Youth Travel Fund
September 2006	SFRR-Summer School Katılım ücreti bursu, International Free Radical Summer School 2006