

Prof. HİLMİ ORHAN

Personal Information

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Address: Ege Üniversitesi Eczacılık Fakültesi Farmasötik Toksikoloji Anabilim Dalı İstanbul Caddesi, Erzene Mahallesi 35040 Bornova-İZMİR

Education Information

Doctorate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 1994 - 2000

Post Graduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 1992 - 1994

Under Graduate, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Lisans Programı, Turkey 1985 - 1990

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İnhalasyon anesteziplerinin biyotransformasyonu ve toksisitelerini belirleyici biyomarkörlerin geliştirilmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000

Post Graduate, Sıklıkla maruz kalınabilen ya da ilaç olarak kullanılan bazı kimyasal maddelerin insan eritrosit glutatyon s-transferaz aktivitesine etkilerinin in vitro incelenmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1994

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Toxicology

Academic Titles / Tasks

Professor, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2011 - Continues

Associate Professor, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2006 - 2011

Associate Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2005 - 2006

Research Assistant, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1992 - 2005

Professional Experience

Courses

ECZACILIK UYGULAMALARINDA YASAL DÜZENLEMELER VE BELGELENDİRME, Post Graduate, 2017 - 2018

Farmasötik Toksikoloji-I, Under Graduate, 2017 - 2018
KOZMETİK, Post Graduate, 2017 - 2018
Farmasötik Toksikoloji-II, Under Graduate, 2017 - 2018
SERBEST ECZANE UYGULAMALARI, Post Graduate, 2017 - 2018
FARMASÖTİK ARAŞTIRMA GELİŞTİRME, Post Graduate, 2017 - 2018
Mesleki Toksikoloji, Post Graduate, 2017 - 2018
HASTANEDE ECZACILIK UYGULAMALARI, Post Graduate, 2017 - 2018
Toksikolojide İleri Kromatografik ve Spektroskopik Uygulamalar, Doctorate, 2016 - 2017
Hedef Organ Toksikolojisi-I, Doctorate, 2016 - 2017
Araştırma Planlama ve Sunum Teknikleri, Doctorate, 2016 - 2017
Toksikolojinin Temel Kavram ve Prensipleri I, Post Graduate, 2016 - 2017
Toksikolojik Analiz Yöntemleri I, Post Graduate, 2016 - 2017
Toksikokinetik, Post Graduate, 2015 - 2016
Toksosite Testleri, Post Graduate, 2015 - 2016
Hepatik ve Ekstrahepatik Biyotransformasyon-I, Doctorate, 2014 - 2015
Çevresel Toksikoloji, Post Graduate, 2014 - 2015
Toksikolojik Epidemiyoloji, Doctorate, 2014 - 2015
Zehirlenmeler ve Antidotol Yaklaşımlar-I, Doctorate, 2014 - 2015

Advising Theses

ORHAN H., İlaç ve diğer kimyasallara bağlı hücrel toksisite mekanizmalarının araştırılması, Doctorate, A.ERGÜÇ(Student), Continues
ORHAN H., İnsan dokularında çevresel kirletici analizleri, ilaç metabolize edici enzim aktivitelere etkisi ve hastalıklarla ilişkisi, Doctorate, R.KOCAGÖZ(Student), Continues
ORHAN H., İnsanda çevresel kirletici internal doz düzeyleriyle hastalık ilişkisinin araştırılması, Doctorate, İ.ONAT(Student), Continues
ORHAN H., Advers ilaç reaksiyonlarında hücre ve organel düzeyinde toksisite hedeflerinin belirlenmesi, Doctorate, F.KARAKUŞ(Student), Continues
ORHAN H., İlaç toksisitesinde mitokondrinin rolünün değerlendirilmesi, Doctorate, E.ARZUK(Student), 2018
ORHAN H., Elektrokimyasal yöntem ve mikrozomal fraksiyon aracılıklı ilaç metabolitleri üretimi ve enzimatik karakterizasyonu, Post Graduate, N.MUTLU(Student), 2014
ORHAN H., İlaç biyotransformasyonunda oksidazların rolü, Post Graduate, E.AVCI(Student), 2014
ORHAN H., Büyük Menderes sucul canlılarında poliklorlu bifenil kirliliği ve lipit oksidatif hasarı, Post Graduate, B.ÇAĞDAŞ(Student), 2012
ORHAN H., Büyük Menderes havzasında çoklu bromlu bifenil kirliliği ve sucul sistem canlılarında protein oksidasyonu üzerine etkileri, Post Graduate, R.KOCAGÖZ(Student), 2011
ORHAN H., Sucul sistem canlılarında organoklorlu pestisitlerin analizi ve antioksidan enzim aktivitelerinin biyogösterge amaçlı uygulanması, Post Graduate, M.KARACA(Student), 2010
ORHAN H., Non-invasive biomarkers for oxidative damage after endurance cycling, Post Graduate, B.van(Student), 2003
ORHAN H., Chinese Hamster Ovary cell (CHO) systems as an in vitro model for oxidative stress studies, Post Graduate, E.VRIESE(Student), 2003
ORHAN H., Biomarkers for exercise- and menadione-induced oxidative stress, Post Graduate, W.CAAN(Student), 2001

Jury Memberships

Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, November, 2018
Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, September, 2018
Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, September, 2018

Appointment Academic Staff, Profesörlük Jürisi, İstinye Üniversitesi, September, 2018
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2017
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2017
Appointment Academic Staff, Yard. Doçentlik Sınav Jürisi, Karadeniz Teknik Üniversitesi, August, 2017
Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, July, 2016
Appointment Academic Staff, Profesörlük Jürisi, İstanbul Üniversitesi, November, 2015
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, June, 2015
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, June, 2015
Post Graduate, Yüksek Lisans Sınav Jürisi, Ege Üniversitesi, January, 2015
Post Graduate, Yüksek Lisans Sınav Jürisi, Ege Üniversitesi, June, 2014
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, February, 2013
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2012
Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, December, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, December, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, June, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, June, 2012
Post Graduate, Yüksek Lisans Sınav Jürisi, Ege Üniversitesi, January, 2012
Appointment Academic Staff, Yard. Doçentlik Sınav Jürisi, Bezm-i Alem Üniversitesi, July, 2011
Appointment Academic Staff, Yard. Doçentlik Sınav Jürisi, Ege Üniversitesi, April, 2011
Post Graduate, Yüksek Lisans Sınav Jürisi, Ege Üniversitesi, January, 2011
Post Graduate, Yüksek Lisans Sınav Jürisi, Ege Üniversitesi, September, 2010
Appointment Academic Staff, Yard. Doçentlik Sınav Jürisi, Ege Üniversitesi, April, 2008
Doctorate, Doktora Sınav Jürisi, Ege Üniversitesi, September, 2006

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

- I. **Bioactivation of clozapine by mitochondria of the murine heart: Possible cause of cardiotoxicity**
ARZUK E., KARAKUŞ F., ORHAN H.
TOXICOLOGY, vol.447, 2021 (Journal Indexed in SCI)
- II. **4-methylpyrazole protects against acetaminophen-induced acute kidney injury**
AKAKPO J. Y., RAMACHANDRAN A., ORHAN H., CURRY S. C., RUMACK B. H., JAESCHKE H.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.409, 2020 (Journal Indexed in SCI)
- III. **Structural modification of ellipticine derivatives with alkyl groups of varying length is influential on their effects on human DNA topoisomerase II: a combined experimental and computational study**
KUSKUCU M., AKYILDIZ V., KULMANY A., ERGUN Y., ZENCİR S., ZUPKO I., DURDAGI S., ZAKA M., SAHİN K., ORHAN H., et al.
MEDICINAL CHEMISTRY RESEARCH, vol.29, no.2, pp.189-198, 2020 (Journal Indexed in SCI)
- IV. **Inter-individual and inter-organ variability in the bioactivation of paracetamol by human liver and kidney tissues.**
ARZUK E., TURNA B., SOZBİLEN M., ORHAN H.
Environmental toxicology and pharmacology, vol.61, pp.8-17, 2018 (Journal Indexed in SCI Expanded)
- V. **Periodic monitoring of persistent organic pollutants and molecular damage in Cyprinus carpio from Büyük Menderes River**
ÇAĞDAŞ TUNALI B., KOCAGÖZ R., ONAT İ., PERÇİN F., ÖZAYDIN O., ORHAN H.
Environmental Science And Pollution Research, vol.24, pp.4241-4251, 2017 (Journal Indexed in SCI Expanded)
- VI. **Toxicology as an academic discipline in European Universities**
WALLACE H., ROBERTS R., CORSINI E., BONEFELD-JORGENSEN E., ORHAN H., MACH M., WEISER T., CARVALHO F., İŞCAN M., TSATSAKIS A.
TOXICOLOGY LETTERS, vol.254, pp.63, 2016 (Journal Indexed in SCI)

- VII. **Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine analysis by an improved ELISA: An inter-laboratory comparison study**
ROSSNER P., ORHAN H., KOPPEN G., Sakai K., Santella R. M. , AMBROZ A., ROSSNEROVA A., Sram R. J. , CIGANEK M., NECA J., et al.
FREE RADICAL BIOLOGY AND MEDICINE, vol.95, pp.169-179, 2016 (Journal Indexed in SCI)
- VIII. **Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine analysis by an improved ELISA: An inter-laboratory comparison study**
Rossner P., ORHAN H., Koppen G., Sakai K., Santella R. M. , Ambroz A., ROSSNEROVA A., SRAM R. J. , CIGANEK M., NECA J., et al.
FREE RADICAL BIOLOGY AND MEDICINE, vol.95, pp.169-179, 2016 (Journal Indexed in SCI)
- IX. **Editorial Thematic Issue Bioactivation of Drugs Enzymes Reactive Metabolites and Adverse Reactions**
ORHAN H.
Current Medicinal Chemistry, vol.22, pp.406-407, 2015 (Journal Indexed in SCI)
- X. **Extrahepatic targets and cellular reactivity of drug metabolites.**
Orhan H.
Current medicinal chemistry, vol.22, pp.408-37, 2015 (Journal Indexed in SCI Expanded)
- XI. **Cofactor metals and antioxidant enzymes in cisplatin-treated rats: effect of antioxidant intervention**
SABUNCUOĞLU S., EKEN A., Aydin A., Ozgunes H., ORHAN H.
DRUG AND CHEMICAL TOXICOLOGY, vol.38, no.4, pp.375-382, 2015 (Journal Indexed in SCI)
- XII. **Organochlorine pesticides and antioxidant enzymes are inversely correlated with liver enzyme gene expression in Cyprinus carpio**
KARACA M., VARISLI L., Korkmaz K. S. , ÖZAYDIN O., PERÇİN F., ORHAN H.
TOXICOLOGY LETTERS, vol.230, no.2, pp.198-207, 2014 (Journal Indexed in SCI)
- XIII. **Environmental and biological monitoring of persistent organic pollutants in waterbirds by non-invasive versus invasive sampling**
KOCAGÖZ R., ONMUŞ O., ONAT I., CAGDAS B., Siki M., ORHAN H.
TOXICOLOGY LETTERS, vol.230, no.2, pp.208-217, 2014 (Journal Indexed in SCI)
- XIV. **Interference of Metals and Medications with the Detection of Lipid Peroxidation in Humans by Photometric TBARS Assay**
Sabuncuoglu S., ORHAN H.
CURRENT ANALYTICAL CHEMISTRY, vol.9, no.3, pp.457-462, 2013 (Journal Indexed in SCI)
- XV. **Human and Methodological Sources of Variability in the Measurement of Urinary 8-Oxo-7,8-dihydro-2'-deoxyguanosine**
BARREGARD L., Moller P., HENRIKSEN T., Mistry V., KOPPEN G., ROSSNER P., Sram R. J. , WEIMANN A., Poulsen H. E. , NATAF R., et al.
ANTIOXIDANTS & REDOX SIGNALING, vol.18, no.18, pp.2377-2391, 2013 (Journal Indexed in SCI)
- XVI. **Urinary lipid and protein oxidation products upon halothane, isoflurane, or sevoflurane anesthesia in humans: potential biomarkers for a subclinical nephrotoxicity**
ORHAN H., Sahin A., Sahin G., Aypar U., Vermeulen N. P. E.
BIOMARKERS, vol.18, no.1, pp.73-81, 2013 (Journal Indexed in SCI)
- XVII. **Conventional and Novel Approaches in Generating and Characterization of Reactive Intermediates from Drugs/Drug Candidates**
Orhan H., VERMEULEN N. P. E.
CURRENT DRUG METABOLISM, vol.12, no.4, pp.383-394, 2011 (Journal Indexed in SCI)
- XVIII. **Preventive effect of aminoguanidine compared to vitamin E and C on cisplatin-induced nephrotoxicity in rats**
Atasayar S., Gurer-Orhan H., Orhan H., Gurel B., GİRĞİN G., Ozgunes H.
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.61, no.1, pp.23-32, 2009 (Journal Indexed in SCI)
- XIX. **Analyses of representative biomarkers of exposure and effect by chromatographic, mass spectrometric, and nuclear magnetic resonance techniques: Method development and application in**

life sciences

Orhan H.

JOURNAL OF SEPARATION SCIENCE, vol.30, no.2, pp.149-174, 2007 (Journal Indexed in SCI)

- XX. **Screening of free radical scavenging capacity and antioxidant activities of Rosmarinus officinalis extracts with focus on location and harvesting times**
Yesil-Celiktas O., GİRĞİN G., Orhan H., Wichers H. J. , Bedir E., Vardar-Sukan F.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.224, no.4, pp.443-451, 2007 (Journal Indexed in SCI)
- XXI. **Application of lipid peroxidation and protein oxidation biomarkers for oxidative damage in mammalian cells. A comparison with two fluorescent probes**
Orhan H., Gurer-Orhan H., VRIESE E., Vermeulen N. P. E. , Meerman J. H. N.
TOXICOLOGY IN VITRO, vol.20, no.6, pp.1005-1013, 2006 (Journal Indexed in SCI)
- XXII. **Screening the oxidative potential of several mono- and di-halogenated Biphenyls and biphenyl ethers in rat hepatocytes**
Gurer-Orhan H., Orhan H., Vermeulen N. P. , Meerman J. H.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.9, no.6, pp.449-454, 2006 (Journal Indexed in SCI)
- XXIII. **Misincorporation of free m-tyrosine cytotoxic mechanism for oxidized a into cellular proteins: a potential amino acids**
Gurer-Orhan H., ERCAL N., MARE S., PENNATHUR S., Orhan H., HEINECKE J.
BIOCHEMICAL JOURNAL, vol.395, pp.277-284, 2006 (Journal Indexed in SCI)
- XXIV. **Synthesis and evaluation of in vitro antioxidant capacities of some benzimidazole derivatives.**
Gurer-Orhan H., ORHAN H., SUZEN S., PÜSKÜLLÜ M., BUYUKBINGOL E.
Journal of enzyme inhibition and medicinal chemistry, vol.21, pp.241-7, 2006 (Journal Indexed in SCI Expanded)
- XXV. **Comparative dural closure techniques: a safety study in rats**
Ozsisik P., Inci S., Soylemezoglu F., Orhan H., Ozgen T.
SURGICAL NEUROLOGY, vol.65, no.1, pp.42-47, 2006 (Journal Indexed in SCI)
- XXVI. **Quantification of urinary o,o '-dityrosine, a biomarker for oxidative damage to proteins, by high performance liquid chromatography with triple quadrupole tandem mass spectrometry - A comparison with ion-trap tandem mass spectrometry**
Orhan H., COOLEN S., Meerman J.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.827, no.1, pp.104-108, 2005 (Journal Indexed in SCI)
- XXVII. **Erythrocyte antioxidant defense response against cigarette smoking in humans - the glutathione S-transferase vulnerability**
ORHAN H., Evelo C. T. A. , Sahin G.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.19, no.4, pp.226-233, 2005 (Journal Indexed in SCI)
- XXVIII. **Evaluation of a multi-parameter biomarker set for oxidative damage in man: Increased urinary excretion of lipid, protein and DNA oxidation products after one hour of exercise**
Orhan H., Van Holland B., KRAB B., MOEKEN J., Vermeulen N., HOLLANDER P., Meerman J.
FREE RADICAL RESEARCH, vol.38, no.12, pp.1269-1279, 2004 (Journal Indexed in SCI)
- XXIX. **Use of F-19-nuclear magnetic resonance and gas chromatography-electron capture detection in the quantitative analysis of fluorine-containing metabolites in urine of sevoflurane-anaesthetized patients**
Orhan H., Commandeur J., ŞAHİN G., AYPAR Ü., ŞAHİN A., Vermeulen N.
XENOBIOTICA, vol.34, no.3, pp.301-316, 2004 (Journal Indexed in SCI)
- XXX. **Simultaneous determination of tyrosine, phenylalanine and deoxyguanosine oxidation products by liquid chromatography-tandem mass spectrometry as non-invasive biomarkers for oxidative damage**
Orhan H., Vermeulen N., TUMP C., ZAPPEY H., Meerman J.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.799, no.2, pp.245-254, 2004 (Journal Indexed in SCI)

- XXXI. **Characterization of thioether compounds formed from alkaline degradation products of enflurane.**
Orhan H., VERMEULEN N., Sahin G., COMMANDEUR J.
Anesthesiology, vol.95, pp.165-75, 2001 (Journal Indexed in SCI Expanded)
- XXXII. **In vitro effects of NSAIDS and paracetamol on oxidative stress-related parameters of human erythrocytes**
Orhan H., Sahin G.
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.53, pp.133-140, 2001 (Journal Indexed in SCI)
- XXXIII. **Oxidative stress and nitric oxide related parameters in type II diabetes mellitus: effects of glycemic control.**
AYDIN A., Orhan H., Sayal A., Ozata M., Sahin G., Isimer A.
Clinical biochemistry, vol.34, pp.65-70, 2001 (Journal Indexed in SCI Expanded)
- XXXIV. **Effects of some probable antioxidants on selenite-induced cataract formation and oxidative stress-related parameters in rats.**
Orhan H., MAROL S., HEPŞEN I., Sahin G.
Toxicology, vol.139, pp.219-32, 1999 (Journal Indexed in SCI Expanded)
- XXXV. **The in vitro effects of new non-steroidal antiinflammatory compounds on antioxidant system of human erythrocytes.**
Orhan H., DOĞRUEK D., ÇAKIR B., Sahin G., SAHIN M.
Experimental and toxicologic pathology : official journal of the Gesellschaft fur Toxikologische Pathologie, vol.51, pp.397-402, 1999 (Journal Indexed in SCI Expanded)
- XXXVI. **In vivo effects of non-steroidal antiinflammatory drugs on oxidative stress-related parameters of human erythrocytes.**
Orhan H., Inanici F., ARSLAN S., HAŞÇELİK Z., Sahin G.
Experimental and toxicologic pathology : official journal of the Gesellschaft fur Toxikologische Pathologie, vol.51, pp.403-8, 1999 (Journal Indexed in SCI Expanded)
- XXXVII. **Assessment of the effect of non-steroidal anti-inflammatory drugs (NSAIDs) on human erythrocyte glutathione S-transferase rho activity in vitro.**
Orhan H., Sahin G., Duru S.
Experimental And Toxicologic Pathology, vol.48, pp.381-385, 1996 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Cocuklarda Kimyasal Maddelere İlişkin Farkındalığın Artırılması: Bir Öğretim Materyalinin Geliştirilmesi ve Denenmesi.**
Çakmak Demircigil G., Demirhan İscan C., Kadioglu E., Hazir Bikmaz F., Çok F., Çakir H., Karaaslan A., GÜRER ORHAN H., ORHAN H., Karahalil B., et al.
Journal of Faculty of Educational Sciences, vol.46, no.1, pp.225-248, 2013 (National Refereed University Journal)
- II. **Raising the awareness on chemicals in children Developing and piloting of a teaching material**
ÇAKMAK DEMİRCİGİL G., DEMİRHAN İŞCAN C., BIKMAZ F., ÇOK F., ÇAKIR H., KARAARSLAN A., GÜRER ORHAN H., ORHAN H., KARAHALİL B., AYDIN A., et al.
Ankara University Journal of Faculty of Educational Sciences, vol.46, pp.225-248, 2013 (Other Refereed National Journals)
- III. **Besinlerde kimyasal kontaminasyon, yağ bozunma ürünleri ve toksisite riski.**
ORHAN H., Çağdaş B.
HASAD, vol.294, pp.18-24, 2009 (Other Refereed National Journals)
- IV. **Malondialdehyde quantification in blood plasma of tobacco smokers and non-smokers.**
Atasayar S., ORHAN H., Ozgunes H.
FABAD Journal of Pharmaceutical Sciences, vol.29, no.1, pp.15-19, 2004 (National Refereed University Journal)
- V. **Erythrocyte glutathione S-transferase activity in diabetes mellitus: The effect of the treatment.**
ORHAN H., Sahin G.

VI. **Clinical and Toxicological Aspects of Glutathione S-transferases.**

ORHAN H., Şahin G.

TURKIYE KLINIKLERI TIP BİLİMLERİ DERGİSİ, vol.15, pp.303-315, 1995 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **INVOLVEMENT OF REACTIVE METABOLITES IN CYTOTOXIC EFFECTS OF VARIOUS FREQUENTLY USED DRUGS IN VITRO**
ERGÜÇ A., Mutlu N., ARZUK E., KARAKUŞ F., ORHAN H.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- II. **Ege Üniversitesi Eczacılık Fakültesi Lisans Eğitimi Programı'nın EczÇEP'le ve Ulusal Standartlarla Uyumunu Geliştirme, Öğretim ve Değerlendirme Süreçlerini İyileştirme Projesi**
ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.
. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.13
- III. **Ege Üniversitesi Eczacılık Fakültesi Eğitim Programı İyileştirme ve Geliştirme Projesi Kapsamında Yapılan Eczacılık Mesleği Görev Analizi Çalışması**
ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.
. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.16
- IV. **Stability of mitochondrial intactness for further toxicological studies**
ARZUK E., ORHAN H.
The 10th Congress of the Toxicology in Developing Countries, Belgrad, Serbia And Montenegro, 17 April 2018, pp.162
- V. **Kidney, breast and stomach cancers in relation to internal concentrations of persistent organic pollutants, DNA damage markers and related polymorphisms**
ORHAN H., SÜZEN H. S. , KOCAGÖZ R., ONAT İ., DEMİRBÜĞEN ÖZ M., TURNA B., ATILA K., YENİAY L., SARSIK KUMBARACI B., ZEKİOĞLU O., et al.
The 10th Congress of the Toxicology in Developing Countries (CTDC10th), 17 - 22 April 2018, vol.4, pp.18
- VI. **Güvenlilik Testlerinde Hayvan-dışı Yaklaşımlar**
ORHAN H.
Türk Toksikoloji Derneği Konferans Serisi, Ankara, Turkey, 01 December 2017
- VII. **Non-animal Approaches in Safety Testing**
ORHAN H.
The Workshop and Training on 3Rs Regulatory Models, 2 - 03 November 2017
- VIII. **Total Estrogenic Activity of Adipose Tissue as Biomarker of Exposure to Endocrine Disruptors in Humans**
GÜRER ORHAN H., İNCE E., KOCAGÖZ R., ORHAN H.
EUROTOX 2017- 53. European Congress of the European Societies of Toxicology, 10 - 13 September 2017
- IX. **Measurement of 8-oxo-7,8-dihydro-2-deoxyguanosine in urine by an improved ELISA**
PAVEL R. J. , ORHAN H., KOPPEN G., KAZUO S., M SANTELLA R., AMBROZ A., ANDREA R., J SRAM R., CIGANEK M., JIRI N., et al.
The 53rd Congress of the European Societies of Toxicology (Eurotox 2017), 10 - 13 September 2017, vol.280, pp.52
- X. **Oxidative DNA Damage in cancer patients: Associations between persistent organic pollutants and biomarkers of cellular targets**
ORHAN H.
The 53rd Congress of the European Societies of Toxicology, 10 - 13 September 2017
- XI. **Mitochondrial Bioactivation Possible Cause of Drug Induced Toxicities**

ORHAN H.

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Executive Committee, Board Member, 2014 - Continues

Farmasötik Bilimler Ankara Derneği (FABAD), Member, 1991 - Continues

Türk Toksikoloji Derneği (TTD), Member, 1991 - Continues

Federation of European Toxicologist and European Societies of Toxicology (EUROTOX), Member, 1991 - Continues

International Society of Studies for Xenobiotics (ISSX), Member, 1991 - Continues

Society of Environmental Toxicology and Chemistry (SETAC), Member, 1991 - Continues

International Union of Toxicology (IUTOX), Member, 1991 - Continues

Society of Toxicology (SOT), Member, 1991 - Continues

Scientific Consultations

TÜBİTAK, Project Consultancy, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey, 2017 - Continues

CarrefourSA, Scientific Consultancy, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey, 2017

- 2017

TÜBİTAK, Project Consultancy, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey, 2015 - 2017

CarrefourSA, Scientific Consultancy, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey, 2016 - 2016

Invited Congress and Symposium Activities

The 10th Congress of the Toxicology in Developing Countries (CTDC10th), Invited Speaker, Belgrade, Serbia And Montenegro, 2018

Türk Toksikoloji Derneği Konferans Serisi, Invited Speaker, Eskişehir, Turkey, 2017

The Workshop and Training on 3Rs & Regulatory Models in Turkey, Invited Speaker, İstanbul, Turkey, 2017

The 53rd Congress of the European Societies of Toxicology (53rd EUROTOX), Invited Speaker, Bratislava, Slovakia, 2017

The first International Conference on Toxicology and Health (ICTH), Invited Speaker, Guelma, Algeria, 2016

The 52nd Congress of the European Societies of Toxicology (52nd EUROTOX), Invited Speaker, Sevilla, Spain, 2016

Turkheltox Toxicology Congress, Invited Speaker, İzmir, Turkey, 2015

The 1st Forensic Toxicology Congress, Invited Speaker, Ankara, Turkey, 2014

4. Tıp Hukuku Günleri, Invited Speaker, İstanbul, Turkey, 2014

III. Türk Toksikoloji Derneği Bölgesel Sempozyumu, Invited Speaker, İzmir, Turkey, 2014

The International Symposium on Cancer Nanomedicine, Invited Speaker, İzmir, Turkey, 2013

The 49th Congress of the European Societies of Toxicology (49th EUROTOX), Invited Speaker, Bern, Switzerland, 2013

4. Bilirkişilik Sempozyumu-Adli Toksikoloji, Invited Speaker, Ankara, Turkey, 2013

8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Invited Speaker, Antalya, Turkey, 2012

Hoffman La ROCHE - Global Safety Meeting, Invited Speaker, İstanbul, Turkey, 2011

POP (Kalıcı Organik Kirleticiler) İzleme: Çevre ve Sağlık Çalıştayı, Invited Speaker, Antalya, Turkey, 2010

Çevre ve Toksikoloji Sempozyumu, Invited Speaker, Mersin, Turkey, 2010

1. Ulusal Palandöken Toksikoloji Sempozyumu, Invited Speaker, Erzurum, Turkey, 2010

7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Invited Speaker, Ankara, Turkey, 2009

Citations

Total Citations (WOS):1056

h-index (WOS):16

Scholarships

NATO Science Fellowship Grant, TUBİTAK, 1996 - Continues

Awards

ORHAN H., Global Senior Scholar Exchange Award, Society of Toxicology (SOT), June 2018

ORHAN H., Bo Holmstedt Memorial Lectureship Award, Bo Holmstedt Memorial Foundation (BHMF)-Sweden, June 2008

ORHAN H., Astra Zeneca Travel Award, International Union of Toxicology (IUTOX), Society of Toxicology (SOT), March 2007