

Prof. SEMA BURGAZ

Personal Information

Email: burgaz@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/burgaz>

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr) (Eczacılık), Turkey 1977 - 1983

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1971 - 1976

Dissertations

Doctorate, Türkiye'xxde kullanılan dipridil grubu ve klorlu fenoksiasetik asit grubu herbisitlerin analitik toksikoloji açısından incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr) (Eczacılık), 1983

Research Areas

Health Sciences, Pharmacology and Therapeutics

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1995 - Continues

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1995 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1988 - 1995

Assistant Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1986 - 1988

Academic and Administrative Experience

Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2012 - 2017

Advising Theses

Burgaz S., Investigation Of Occupational Genotoxicity Risk Through Oxidative Dna Damage And Micronucleus-Cytome Assays In Urine Samples From Hairdressers Living In The City Of Mersin , Doctorate, A.AKTAŞ(Student), 2020

ERTAŞ N., BURGAZ S., İçme sularında arsenik kirliliği olan bölgelerde yaşayan bireylerin saç örneklerindeki arsenik düzeylerinin ve yanak epitel hücrelerinde olası genotoksik hasarın belirlenmesi, Postgraduate, B.ALTON(Student), 2014

BURGAZ S., Determination Of Arsenic Concentrations In Hair Samples And Possible Genotoxic Damage In Buccal Epithelial Cells Of Individuals Living In Regions With Arsenic Contamination In Drinking Water, Postgraduate, B.ALTON(Student), 2014

BURGAZ S., Kına tipi geçici dövmelerde Lawsone, p-fenilendiamin ve ağır metal düzeylerinin ileri analiz yöntemleri ile belirlenmesi ve toksikolojik önemi, Postgraduate, A.AKTAŞ(Student), 2014

ÇAKMAK G., BURGAZ S., Çocuklarda kronik böbrek hastalığı ve böbrek nakli sonrası genotoksik hasarın biyoizlenmesi, Doctorate, B.AYKANAT(Student), 2010

BURGAZ S., Ameliyathane ve derlenme ünitesi personelinde genotoksik maruziyet riskinin mikroçekirdek yöntemi ile değerlendirilmesi, Postgraduate, D.ERAYDIN(Student), 2009

BURGAZ S., An examination of exposure to anesthetic gases at operating room and recovery unit personnel by buccal micronuclei method, Postgraduate, D.ERAYDIN(Student), 2009

BURGAZ S., Kuvarsın neden olabileceği genotoksisitenin in vitro ve moleküler epidemiyolojik yöntemlerle araştırılması, Doctorate, G.ÇAKMAK(Student), 2006

BURGAZ S., Baş-boyun kanserli hastalarda basal ve radyasyonla induklanmış DNA hasarının mikroçekirdek yöntemi ile araştırılması, Postgraduate, E.COŞKUN(Student), 2005

BURGAZ S., Ereğli Demir-Çelik fabrikası kok firmı işçilerinde genotoksik hasarın mikroçekirdek ve kromozomal aberasyon teknikleri ile araştırılması, Postgraduate, C.DEMİROĞLU(Student), 2003

BURGAZ S., Trafik polisleri ve taksi sürücülerinde hava kirliliği maruziyetine yönelik idrarda l-hidroksipiren değerlerinin, periferal lenfositlerde kromozal aberasyon ve mikroçekirdek sıklıklarının araştırılması, Postgraduate, G.ÇAKMAK(Student), 2000

BURGAZ S., Siklofosfamid'in induklediği in vivo kromozomal hasara karşı doğal ve sentetik orijinli bileşiklerin koruyucu etkilerinin ürotelyal epitel hücrelerinde mikroçekirdek testi ile araştırılması, Doctorate, N.GÜRBÜZ(Student), 2000

BURGAZ S., Kuaförlerde ve kozmetik üretim yerinde çalışan bireylerde olası genotoksik etkilerinin mikroçekirdek testi ile araştırılması, Postgraduate, H.İLBARŞ(Student), 1997

BURGAZ S., Terapötik dozda Parasetamol'un olası genotoksik etkisinin bukkal epitel hücrelerinde incelenmesi, Postgraduate, F.DERAFLSHANI(Student), 1997

BURGAZ S., Oto boyası kaplama endüstrisinde çalışan bireylerin idrar epitelinde mikroçekirdek sıklığının araştırılması, Postgraduate, A.SİBEL(Student), 1996

BURGAZ S., Mobilya endüstrisinde çalışan bireylerin idrar epitelinde mikroçekirdek sıklığının araştırılması, Postgraduate, M.YILMAZER(Student), 1995

BURGAZ S., Çevresel karsinojenik ve mutajenik maddelere maruziyetin etkisinin sigara içen bireylerin idrar epitellerinde incelenmesi, Postgraduate, M.AYŞE(Student), 1994

BURGAZ S., Ankara'da yaşayanların adipoz dokularında klorlu hidrokarbon pestisit kalıntı düzeylerinin araştırılması, Postgraduate, B.LAHİJANY(Student), 1992

BURGAZ S., Hidrokinon'un (HK) gelişim toksisitesinin döllenmiş tavuk embriyosunda analiz ve değerlendirilmesi, Postgraduate, M.ÖZCAN(Student), 1992

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Micronuclei and other nuclear anomalies in exfoliated urothelial cells and urinary 8-hydroxy-deoxyguanosine levels among Turkish hairdressers**
Sukuroglu A. A., BURGAZ S.
Mutation Research - Genetic Toxicology and Environmental Mutagenesis, vol.896, 2024 (SCI-Expanded)
- II. **Increased micronucleus frequencies in surrogate and target cells from workers exposed to crystalline silica-containing dust**
Demircigil G., Coskun E., Vidinli N., Erbay Y., YILMAZ M., Cimrin A., Schins R. P., Borm P. J., BURGAZ S.
MUTAGENESIS, vol.25, no.2, pp.163-169, 2010 (SCI-Expanded)
- III. **Micronucleus frequencies in exfoliated buccal cells of head and neck cancer patients and their first degree relatives**
Coskun E., Cakmak G. D., Cetindag F., Sunter O., Edinsel H., Kocabas N. A., Burgaz S.
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- IV. **Investigation of oxidative DNA damage in crystalline silica-containing dust exposed workers**
Cakmak G. D., Kadioglu E., Coskun E., Vidinli N., Erbas Y., Schins R. P. F., Borm P. J. A., Burgaz S.
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- V. **Cytochrome P450 (CYP) and glutathione S-transferases (GST) polymorphisms (CYP1A1, CYP1B1,**

- GSTM1, GSTP1 and GSTT1) and urinary levels of 1-hydroxypyrene in Turkish coke oven workers**
Ada A. O., Yilmazer M., Suzen S., Demiroglu C., Demirbag A. E., Efe S., Alemdar Y., Burgaz S., Iscan M.
GENETICS AND MOLECULAR BIOLOGY, vol.30, no.3, pp.511-519, 2007 (SCI-Expanded)
- VI. Influence of XRCC1 Arg399Gln polymorphism on basal and radiation-induced micronucleus frequencies in head and neck cancer patients and their first degree relatives**
Burgaz S., Kocabas N. A., Coskun E., Cakmak G. D., Cetindag F., Sunter O., Edinsel H.
TOXICOLOGY LETTERS, vol.164, 2006 (SCI-Expanded)
- VII. Biological monitoring of environmental exposure to polycyclic aromatic hydrocarbons: 1-hydroxypyrene in urine of Turkish coke oven workers**
Yilmazer M., Ada A., Suzen S., Demiroglu C., Demiroglu A., Efe S., Alemdar Y., Iscan M., Burgaz S.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.76, no.4, pp.559-565, 2006 (SCI-Expanded)
- VIII. Occurrence of organochlorine pesticides in cancerous and non-cancerous breast tissues**
Burgaz S., Cok İ., Coban T., Bulbul D., Iscan M.
Fresenius Environmental Bulletin, vol.14, no.11, pp.1024-1030, 2005 (SCI-Expanded)
- IX. Assessment of cytogenetic damage in lymphocytes and in exfoliated nasal cells of dental laboratory technicians exposed to chromium, cobalt, and nickel**
Burgaz S., Demircigil G., Yilmazer M., Ertas N., Kemaloglu Y. K., Burgaz Y.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.521, pp.47-56, 2002 (SCI-Expanded)
- X. The organochlorine pesticide residues and antioxidant enzyme activities in human breast tumors: Is there any association?**
Iscan M., Coban T., Cok İ., Bulbul D., Eke B., Burgaz S.
Breast Cancer Research and Treatment, vol.72, no.2, pp.173-182, 2002 (SCI-Expanded)
- XI. Chromosomal damage in peripheral blood lymphocytes of traffic policemen and taxi drivers exposed to urban air pollution.**
Burgaz S., Demircigil G., Karahalil B., Karakaya A.
Chemosphere, vol.47, no.1, pp.57-64, 2002 (SCI-Expanded)
- XII. Assessment of genotoxic damage in nurses occupationally exposed to antineoplastics by the analysis of chromosomal aberrations.**
Burgaz S., Karahalil B., Canli Z., Terzioglu F., Ancel G., Anzion R., Bos R., Huttner E.
Human & experimental toxicology, vol.21, no.3, pp.129-35, 2002 (SCI-Expanded)
- XIII. Cytogenetic analysis of buccal cells from shoeworkers and pathology and anatomy laboratory workers exposed to n-hexane, toluene, methyl ethyl ketone and formaldehyde**
Burgaz S., Erdem O., ÇAKMAK G., Erdem N., Karakaya A., Karakaya A.
BIOMARKERS, vol.7, no.2, pp.151-161, 2002 (SCI-Expanded)
- XIV. Micronuclei frequencies in exfoliated nasal mucosa cells from pathology and anatomy laboratory workers exposed to formaldehyde**
Burgaz S., ÇAKMAK G., ERDEM O. A., Yilmaz M., Karakaya A.
NEOPLASMA, vol.48, no.2, pp.144-147, 2001 (SCI-Expanded)
- XV. Monitoring of genotoxic damage in smokeless tobacco (Maras powder) consumers using micronucleated exfoliated oral cells**
Burgaz S., Cok İ., Uysal B., Karakaya A.
Biomarkers, vol.5, no.3, pp.219-224, 2000 (SCI-Expanded)
- XVI. Effects of occupational chronic co-exposure to n-hexane, toluen, and methyl ethyl ketone on NK cell activity and some immunoregulatory cytokine levels in shoe workers**
Yucessoy B., ATAK YÜCEL A., Erdem O., Burgaz S., Imir T., Karakaya A., Karakaya A.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.18, no.9, pp.541-546, 1999 (SCI-Expanded)
- XVII. Investigation of some immunological functions in a group of asphalt workers exposed to polycyclic aromatic hydrocarbons**
Karakaya A., Yucessoy B., Turhan A., Erdem O., Burgaz S., Karakaya A.

- TOXICOLOGY, vol.135, no.1, pp.43-47, 1999 (SCI-Expanded)
- XVIII. **The micronucleus assay in exfoliated buccal cells: application to occupational exposure to polycyclic aromatic hydrocarbons.**
Karahalil B., Karakaya A., Burgaz S.
Mutation research, vol.442, no.1, pp.29-35, 1999 (SCI-Expanded)
- XIX. **Urinary cyclophosphamide excretion and micronuclei frequencies in peripheral lymphocytes and in exfoliated buccal epithelial cells of nurses handling antineoplastics.**
Burgaz S., Karahalil B., Bayrak P., Taskin L., Yavuzaslan F., Bokesoy I., Anzion R., Bos R., Platin N.
Mutation research, vol.439, pp.97-104, 1999 (SCI-Expanded)
- XX. **Organochlorine pesticide contaminants in human milk samples collected in Tebriz (Iran)**
Cok İ., Karakaya A., Afkham B., Burgaz S.
Bulletin of Environmental Contamination and Toxicology, vol.63, no.4, pp.444-450, 1999 (SCI-Expanded)
- XXI. **Cytogenetic biomonitoring of workers exposed to bitumen fumes.**
Burgaz S., Erdem O., Karahalil B., Karakaya A.
Mutation research, vol.419, pp.123-30, 1998 (SCI-Expanded)
- XXII. **Organochlorine pesticide residue levels in human adipose tissue of residents of Manisa (Turkey), 1995-1996**
Cok İ., Bilgili A., Yarsan E., Bagci C., Burgaz S.
Bulletin of Environmental Contamination and Toxicology, vol.61, no.3, pp.311-316, 1998 (SCI-Expanded)
- XXIII. **Biological monitoring of young workers exposed to polycyclic aromatic hydrocarbons in engine repair workshops.**
Karahalil B., Burgaz S., Fisek G., Karakaya A.
Mutation research, vol.412, no.3, pp.261-9, 1998 (SCI-Expanded)
- XXIV. **Serum uric acid levels in cardiovascular diseases**
Torun M., Yardim S., Simsek B., Burgaz S.
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.23, no.1, pp.25-29, 1998 (SCI-Expanded)
- XXV. **Organochlorine pesticide residues in human breast milk from agricultural regions of Turkey, 1995-1996**
Cok İ., Bilgili A., Ozdemir M., Ozbek H., Bilgili N., Burgaz S.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.59, no.4, pp.577-582, 1997 (SCI-Expanded)
- XXVI. **Evaluation of genotoxic potential of styrene in furniture workers using unsaturated polyester resins.**
Karakaya A., Karahalil B., Yilmazer M., Aygun N., Sardas S., Burgaz S.
Mutation research, vol.392, no.3, pp.261-8, 1997 (SCI-Expanded)
- XXVII. **Immune function in n-hexane-exposed workers**
Karakaya A., Yucesoy B., Burgaz S., Karakaya A.
PREVENTIVE STRATEGIES FOR LIVING IN A CHEMICAL WORLD, vol.837, pp.122-125, 1997 (SCI-Expanded)
- XXVIII. **Biological monitoring of n-hexane exposure in shoe workers**
Burgaz S., Cok İ., Ulusoy L., Tarhan U., Aygun N., Karakaya A.
Biomarkers, vol.2, no.1, pp.25-28, 1997 (SCI-Expanded)
- XXIX. **Serum carotenoids and uric acid levels in relation to cancer**
Burgaz S., Torun M., Yardim S., Sargin H., Orman M., Ozdamar N.
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.21, no.5, pp.331-336, 1996 (SCI-Expanded)
- XXX. **Some immunological parameters in workers occupationally exposed to n-hexane**
Karakaya A., Yucesoy B., Burgaz S., Sabir H., Karakaya A.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.15, no.1, pp.56-58, 1996 (SCI-Expanded)
- XXXI. **EVALUATION OF MICRONUCLEI IN EXFOLIATED UROTHELIAL CELLS AND URINARY THIOETHER EXCRETION OF SMOKERS**
BURGAZ S., ISCAN A., BUYUKBINGOL Z., BOZKURT A., KARAKAYA A.
MUTATION RESEARCH-ENVIRONMENTAL MUTAGENESIS AND RELATED SUBJECTS, vol.335, no.2, pp.163-169,

- 1995 (SCI-Expanded)
- XXXII. ORGANOCHLORINE PESTICIDE CONTAMINANTS IN HUMAN ADIPOSE-TISSUE COLLECTED IN TEBRIZ (IRAN)**
 BURGAZ S., AFKHAM B., KARAKAYA A.
 BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.54, no.4, pp.546-553, 1995 (SCI-Expanded)
- XXXIII. ORGANOCHLORINE PESTICIDE CONTAMINANTS IN HUMAN ADIPOSE-TISSUE COLLECTED IN ANKARA (TURKEY) 1991-1992**
 BURGAZ S., AFKHAM B., KARAKAYA A.
 BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.53, no.4, pp.501-508, 1994 (SCI-Expanded)
- XXXIV. EFFECT OF HYDROQUINONE (HQ) ON THE DEVELOPMENT OF CHICK-EMBRYOS**
 BURGAZ S., OZCAN M., OZKUL A., KARAKAYA A.
 DRUG AND CHEMICAL TOXICOLOGY, vol.17, no.2, pp.163-174, 1994 (SCI-Expanded)
- XXXV. THIOETHERS IN URINE OF STERILIZATION PERSONNEL EXPOSED TO ETHYLENE-OXIDE**
 BURGAZ S., REZANKO R., KARA S., KARAKAYA A.
 JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.17, no.3, pp.169-172, 1992 (SCI-Expanded)
- XXXVI. EVALUATION OF URINARY-EXCRETION OF 1-HYDROXYPPRENE AND THIOETHERS IN WORKERS EXPOSED TO BITUMEN FUMES**
 BURGAZ S., BORM P., JONGENEELLEN F.
 INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH, vol.63, no.6, pp.397-401, 1992 (SCI-Expanded)
- XXXVII. A SIGNAL ASSAY FOR THE DETECTION OF GENOTOXIC COMPOUNDS - APPLICATION ON THE URINES OF CANCER-PATIENTS ON CHEMOTHERAPY AND OF NURSES HANDLING CYTO-TOXIC DRUGS**
 BURGAZ S., OZDAMAR Y., KARAKAYA A.
 HUMAN TOXICOLOGY, vol.7, no.6, pp.557-560, 1988 (SCI-Expanded)
- XXXVIII. THIOETHER EXCRETION OF WORKERS EXPOSED TO BITUMEN FUMES**
 BURGAZ S., BAYHAN A., KARAKAYA A.
 INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH, vol.60, no.5, pp.347-349, 1988 (SCI-Expanded)
- XXXIX. URINARY THIOETHER EXCRETION IN NURSES AT AN ONCOLOGIC DEPARTMENT**
 BAYHAN A., BURGAZ S., KARAKAYA A.
 JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.12, no.5, pp.303-306, 1987 (SCI-Expanded)
- XL. ORGANOCHLORINE PESTICIDE CONTAMINANTS IN HUMAN-MILK FROM DIFFERENT REGIONS OF TURKEY**
 KARAKAYA A., BURGAZ S., KANZIK I.
 BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.39, no.3, pp.506-510, 1987 (SCI-Expanded)
- XLI. LEVELS OF ORGANOCHLORINE PESTICIDES CONTAMINANTS IN HUMAN-MILK FROM DIFFERENT REGIONS OF TURKEY**
 KARAKAYA A., BURGAZ S., KANZIK I.
 VETERINARY AND HUMAN TOXICOLOGY, vol.29, pp.18-19, 1987 (SCI-Expanded)

Articles Published in Other Journals

- I. Evaluation of Arsenic Concentration in Poultry and Calf Meat Samples by Hydride Generation Atomic Fluorescence Spectrometry
 Ertaş N., Burgaz S., Berkkan A., Alp O.
 GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.2, pp.396-404, 2021 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Genotoxicity of polycyclic aromatic hydrocarbons (PAHs) insize segregated PM samples collected from a thermal powerplant area**
GAGA E. E., ERTÜRK ARI P., ÇAKMAK G., ARI A., Schins R., ODABAŞI M., DUMANOĞLU Y., BURGAZ S.
18th WORLD CLEANAIR CONGRESS 2019, İstanbul, Turkey, 23 - 27 September 2019
- II. **Association of methylenetetrahydrofolate reductase (MTHFR) variants and arsenic metabolism among subjects from Nevşehir Province.**
Temel Gürsel E., Kadioğlu E., Hisarlı Çalık N. D., Aşık E., Çakmak G., Alshana U., Ertaş N., Çelebi C. R., Atabey E., Ataman O. Y., et al.
10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019
- III. **Evaluation of Thioredoxin-1 (TRX-1) levels in individuals chronically exposed to Arsenic via drinking water.**
Sengezer S., Kadioğlu E., Hisarlı Çalık N. D., Aşık E., Çakmak G., Alshana U., Ertaş N., Çelebi C. R., Atabey E., Ataman O. Y., et al.
10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019
- IV. **Heavy Metals Bioaccumulation In Fish And Some Invertebrate Species From Black and Marmara Seas of Turkey**
AKBULUT N., BURGAZ S.
4th International Congress on Occupational Environmental Toxicology, Porto, Portugal, 24 - 26 October 2018
- V. **Türkiye'xxde Sağlık Çalışanlarının Maruz kaldığı Kimyasal Tehlikeler: Anestezik Atık Gazlara Mesleki Maruziyet**
BURGAZ S.
Sağlık Çalışanlarının Sağlığı 6.Uluslararası Kongresi, Ankara, Turkey, 21 - 22 October 2017
- VI. **TOXICITY RISK OF ARSENIC (AS) CONTAMINATION BASED ON HAIR AS CUT-OFF VALUE IN RESIDENT**
ALTUN B., ERTAŞ N., ALSHANA U., Hisarlı D., Aşık E., ÇAKMAK G., KADIOĞLU E., Çelebi C. R., Atabey E., Ataman Y. O., et al.
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.194
- VII. **Toxicity Risk of Arsenic (As) Contamination Based on Hair as Cut-Off Value in Residents of Nevşehir Province Turkey.**
ALTUN B., ERTAŞ N., ALSHANA U., Hisarlı D., AŞIK E., ÇAKMAK G., KADIOĞLU E., Celebi C., ATABEY E., ATAMAN Y., et al.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017, pp.194
- VIII. **Developmental toxicity testing of novel cosmetic compounds with embryonic stem cells**
Cetinkaya G., BURGAZ S.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- IX. **Investigation of Spatial and Temporal Genotoxicity and Cytotoxicity of Atmospheric Particles Collected from Kutahya**
Çakmak G., Emerce E., Ertürk Ari P., Ari A., Schins R., Burgaz S., Gaga E. E.
European Aerosol Conference, EAC2017, Zürich, Switzerland, 28 August - 02 September 2017, pp.40643
- X. **Investigation of Spatial and Temporal and Genotoxicity and Cytotoxicityof Atmospheric Particles Collected from Kutahya**
ÇAKMAK G., EMERCE GÜRSEL E., ALTUĞ H., ERTÜRK ARI P., ARI A., Schins R., BURGAZ S., GAGA E. E.
European Aerosol Conference, 27 August - 01 September 2017
- XI. **Elektronik sigara e sigara kullanıcılarında olası genotoksik hasarın ve nikotin maruziyetinin belirlenmesi**
GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.
Türkiye Solunum Araştırmaları Derneği TÜSAT 38. Ulusal Kongresi, İzmir, Turkey, 15 - 19 October 2016
- XII. **Particulate matter genotoxicity and cytotoxicity due to spatial and temporal changes**
Çakmak Demircigil G., Emerce E., Ertürk P., Ari A., Schins R., Burgaz S., Gaga E. E.

Abstracts of the 5th Croatian Congress of Toxicology with International Participation CROTOX 2016, Bjelovar, Croatia, 9 - 12 October 2016

- XIII. THE FREQUENCY OF MICRONUCLEUS AND OTHER NUCLEAR ANOMALIES IN EXFOLIATED Buccal CELLS OF INDIVIDUALS WHO CHRONICALLY EXPOSED TO LOW TO MODERATE LEVELS OF ARSENIC VIA DRINKING WATER
ALTUN B., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., ERTAŞ N., ALSHANA U., AŞIK E., HISARLI N. D., ÇELEBI C. R., ATABEY E., ATAMAN O. Y., et al.
Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015
- XIV. DETERMINATION OF TOTAL ARSENIC IN MEAT SAMPLES BY ATOMIC FLUORESCENCE SPECTROMETRY
EMINE S. D., BERKKAN A., BURGAZ S., ERTAŞ N.
Gazi Pharma Symposium Series-GPSS, Antalya, Turkey, 12 - 15 November 2015, pp.111
- XV. Para phenyldiamine and heavy metal levels in commercial black henna tattoo mixtures
AKTAŞ A., BATTAL D., BURGAZ S.
International GPSS-Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.122
- XVI. Determination of possible genotoxic damage and nicotine exposure of electronic cigarette e cigarette users
GÜLŞEN G., ÇOK İ., BURGAZ S., TAMER U., TİJEN Ş.
International Gazi Pharma Symposium Series (GPSS), Antalya, Turkey, 12 November - 15 September 2015
- XVII. Safety assessment of cosmetic products general principles
BURGAZ S.
International GPSS-Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.7
- XVIII. The frequency of micronucleus and other nuclear anomalies in exfoliated buccal cells of individuals chronically exposed to low to moderate levels of arsenic via drinking water
ALTUN B., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., ALSHANA U., AŞIK E., HİSARLI N., ÇELEBİ C., ATABEY E., ATAMAN O. Y., SERÇE H., et al.
Conference: International Gazi Pharma symposium series (GPSS 2015), Ankara, Turkey, 12 - 15 November 2015, pp.123
- XIX. Gene Expression Levels in Individuals Exposed to Inorganic Arsenic via Drinking Water
KADIOĞLU E., ÇAKMAK DEMİRCİGİL G., ÖZTÜRK A. R., HISARLI N. D., ASİK E., ALSHANA U., ERTAŞ N., CELALETTİN R. C., ATABEY E., ATAMAN O. Y., et al.
Conference: International Gazi Pharma symposium series (GPSS 2015), Ankara, Turkey, 12 - 15 November 2015, pp.127
- XX. Determination of possible genotoxic damage and nicotine exposure of electronic cigarette e cigarette users Abstract Book P64 p 125
GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.
International GPSS-Gazi Pharma Symposium Series, November 12-15, 2015, Antalya, Turkey, 12 - 15 November 2015, vol.125
- XXI. Kütahya kentsel ve kırsal istasyonlarında toplanan partikül maddenin in vitro genotoksisite ve sitotoksisite değerlendirmesi
ÇAKMAK DEMİRCİGİL G., EMERCE E., ERTÜRK ARI P., ARI A., SCHINS R., BURGAZ S., GAGA E. E.
6. Ulusal Hava Kirliliği ve Kontrolü Sempozumu, İzmir, Turkey, 7 - 09 October 2015, pp.554-561
- XXII. İçme sularında arsenic kirliliği olan bölgelerde yaşayan bireylerdeki sağlık risklerinin moleküler epidemiyolojik yöntemlerle araştırılması
BURGAZ S., ERTAŞ N., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., ALSHANA U., AŞIK E., HİSARLI N. D., ALTUN B., BORA S., ÇELEBİ RUMİ C., et al.
Ulusal Su ve Sağlık Kongresi, Antalya, Turkey, 26 - 30 October 2015, pp.354
- XXIII. Elektronik sigara e sigara kullanıcılarında periferal kanda DNA hasarının değerlendirilmesi
GÜLŞEN G., ÇOK İ., BURGAZ S., TAMER U., TİJEN Ş.
Türkiye Solunum Araştırmaları Derneği TÜSAT 37. Ulusal Kongresi, İzmir, Turkey, 17 - 21 October 2015
- XXIV. Elektronik sigara e sigara kullanıcılarında peripheral kanda DNA hasarının değerlendirilmesi
GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.

Türkiye Solunum Araştırmaları Derneği-TÜSAD 37. Ulusal Kongresi-Solunum 2015, 17-21 Ekim 2015, Çeşme, İzmir, İzmir, Turkey, 17 - 21 October 2015, pp.18

- XXV. **Urinary cotinine levels of Electronic Cigarette e cigarette users**
GÜLŞEN G., ÇOK İ., TAMER U., BURGAZ S., TİJEN Ş., ABDULLAH ALİ A.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015
- XXVI. **arsenic 3 methyltransferase AS3MT and glutathione S transferase omega GSTO1 genetic variants associated with arsenic susceptibility influences on As metabolism and skin lesions**
KADIOĞLU E., Hisarlı N., Aşık E., ÇAKMAK DEMİRCİGİL G., ALSHANA U., ERTAŞ N., celebi c., atabey e., ataman y., serce h., et al.
SOT, United States Of America, 22 - 26 March 2015, vol.144, pp.262
- XXVII. **Kadıoğlu E Hisarlı N Aşık E Demircigil Ç G Alshana U Ertas N Çelebi C R Atabey E Ataman O Y Serçe H Bilir N Tuncer A M Burgaz S Arsenic 3 Methyltransferase AS3MT and Glutathione S transferase Omega GSTO1 Genetic Variants Associated with Arsenic Susceptibility Influences on As Metabolism and Skin lesions**
KADIOĞLU E., HİSARLI N., AŞIK E., ÇAKMAK DEMİRCİGİL G., ALSHANA U., ERTAŞ N., ÇELEBİ C. R., ATABEY E., ATAMAN O. Y., SERÇE H., et al.
54th Annual Meeting and ToxExpo of Society of Toxicology, San Diego, United States Of America, 22 - 26 March 2015, vol.144, pp.262
- XXVIII. **The impact of xenobiotic metabolizing enzyme polymorphisms on cytogenetic biomarkers in Turkish coke oven workers exposed to polycyclic aromatic hydrocarbons**
İscan M., Ada A. O., Demiroglu C., Yilmazer M., Suzen S. H., Demirbag A. E., Efe S., Alemdar Y., BURGAZ S.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221
- XXIX. **Hair arsenic concentrations of residents living in Nevşehir province, Turkey**
ALTUN B., ERTAŞ N., Alshana U., Hisarli N. D., Asik E., Demircigil G. C., KADIOĞLU E., Celebi C. R., Atabey E., Ataman O. Y., et al.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221
- XXX. **AS3MT gene polymorphism in residents exposed to inorganic arsenic via drinking water**
KADIOĞLU E., Hisarli N. D., Asik E., Demircigil G. C., Alshana U., Ertas N., Celebi C. R., Atabey E., Ataman O. Y., Serce H., et al.
48th Congress of the European-Societies-of-Toxicology (EUROTOX), Stockholm, Sweden, 17 - 20 June 2012, vol.211
- XXXI. **Detection of Urinary Fluoride and Sevoflurane levels in operating room personnel**
BERKKAN A., ÇAKMAK DEMİRCİGİL G., Eraydin D., Yağar S., BURGAZ S.
IMA2011, Girit, Greece, 18 - 22 September 2011
- XXXII. **Biomonitoring of Genotoxic Damage in Children with Chronic Renal Disease and in Those after Renal Transplantation**
GÜLLEROĞLU K. S., AYKANAT B., ÇAKMAK G., FİDAN H. K., BAYRAKÇI U., BUYAN N., BASKIN S. E., SEPİCİ DİNCEL A., BÜYÜKKARAGÖZ B., KARAKAYALI H., et al.
6th Congress of International Pediatric Transplant Association, Canada, 25 - 28 June 2011
- XXXIII. **Genotoxicity assessment by micronucleus assay in peripheral blood lymphocytes and buccal epithelial cells of children with chronic kidney disease**
ÇAKMAK G., AYKANAT B., FİDAN H. K., BAYRAKÇI U. S., BÜYÜKKARAGÖZ B., KARAKAYALI H., HABERAL M., BASKIN S. E., BUYAN N., BURGAZ S.
XII International Congress of Toxicology, Barcelona, Spain, 19 - 23 July 2010
- XXXIV. **Baseline cytogenetic profiles of a healthy Turkish population by three test systems: Comparison between assays**
Coskun E., KADIOĞLU E., Cakmak-Demircigil G., Ozcagli E., Karahalil D. B., BURGAZ S., Sardas S., Aygun-Kocabas N.
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XXXV. **OGG1 genetic polymorphism in workers exposed to crystalline silica containing dust is not associated with silicosis in exposed workers**

- Demircigil G. C., Kadioglu E., Coskun E., Vidinli N., Erbas Y., Cimrin A., Schins R. R., Borm P. J. A., Burgaz S.
 45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XXXVI. Baseline cytogenetic profiles of a healthy Turkish population by three test systems: Comparison between assays**
 COŞKUN E., KADIOĞLU E., ÇAKMAK G., ÖZÇAĞLI E., DURMAZ E., KARAHALİL B., BURGAZ S., ŞARDAŞ S., AYGÜN KOCABAŞ N.
 EUROTOX, 45th Congress of the European Societies of Toxicology, 5 - 08 October 2008
- XXXVII. Bleomycin induced chromosomal aberrations frequencies in a Turkish population**
 DURMAZ E., KARAHALİL B., ÖZÇAĞLI E., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., COŞKUN E., ŞARDAŞ S., BURGAZ S., AYGÜN KOCABAŞ N.
 The 5th International Conference on Environmental Mutagens in Human Populations, Antalya, Turkey, 20 - 24 May 2007
- XXXVIII. Influences of genetic polymorphisms of CYP1A1, GSTM1 and GSTT1 on the baseline level of micronuclei in human lymphocytes**
 Burgaz S., Ada A., Demiroglu C., Yilmazer-Musa M., Suzen S., Alemdar Y., Efe S., Iscan M.
 10th International Congress of Toxicology, Tampere, Finland, 11 - 15 July 2004, vol.197, pp.254
- XXXIX. Immunotoxicological Evaluation of n-Hexane, Toluene, and Methyl Ethyl Ketone (MEK) Co-Exposure in Shoe Workers.**
 KARAKAYA M. A., YÜCESOY B., ATAK YÜCEL A., ERDEM N., ERDEM O., ATEŞ İ., BURGAZ S., KARAKAYA A.
 EUROTOX, 17 - 20 September 2000
- XL. Genotoxicity tests - Application to occupational exposure as biomarkers**
 Karakaya A., Sardas S., Burgaz S.
 Conference of the NATO Advanced Study Institute on DNA Damage and Repair - Oxygen Radical Effects, Cellular Protection, and Biological Consequences, TEKIROVA, Turkey, 14 - 24 October 1997, vol.302, pp.181-191

Supported Projects

- BURGAZ S., Project Supported by Higher Education Institutions, AMELİYATHANE ve ANESTEZİ DERLENME ÜNİTESİNDE ANESTEZİK GAZLARA MARUZ KALAN PERSONELDE OLASI GENOTOKSİK HASARIN KARŞILAŞTIRILMASI, 2010 - 2013
- BURGAZ S., Project Supported by Higher Education Institutions, Baş-boyun kanserli hastalarda ve birinci derece yakınlarında genetik instabilitenin ve DANN tamir geni XRCC1 polimorfizminin araştırılması, 2004 - 2006
- BURGAZ S., Project Supported by Higher Education Institutions, Türkiyede kuvat madenleri ve işyeri çalışanlarında kuvars maruziyetine bağlı sağlık riskinin değerlendirilmesi, 2003 - 2005
- BURGAZ S., Project Supported by Higher Education Institutions, ? Kok Firması İşçilerinde muhtemel genotoksik hasarın Sitokalazin Bloke Mikroçekirdek ve Kronomozał Aberasyon teknikleri ile arş, 2002 - 2004
- BURGAZ S., Project Supported by Higher Education Institutions, Kobalt krom ve nikeler maruz kalan dış laboratuvarı çalışanlarının periferal lenfosit ve nazal epitel hücrelerinde DNA hasarının belirlenmesi, 2001 - 2002
- BURGAZ S., Project Supported by Higher Education Institutions, Ankaradaki trafik polisleri ve taksi sürücülerinde polistiklik aromatik hidrokarbonlara maruziyetin biyoizlenmesi ve muhtemel genotoksik hasarın saptanması, 1999 - 1999
- BURGAZ S., Project Supported by Higher Education Institutions, Siklofosfamid'in indüklendiği in vitro kromozomal hasara karşı doğal ve sentetik orijinli bileşiklerin koruyucu etkilerinin üroteliyal epitel hücrelerinde mikroçekirdek testi ile araştırılması, 1998 - 1998
- BURGAZ S., Project Supported by Higher Education Institutions, Terepatik dozda para setemolun genetoksit etkisinin bukkal epitel hücrelerinde mikro çekirdek testi ile araştırılması, 1997 - 1997
- BURGAZ S., Project Supported by Higher Education Institutions, Karsijonik metallere maruz kalan çalışma gruplarında genotoksik maruziyet riskinin değerlendirilmesi, 1995 - 1995
- BURGAZ S., Project Supported by Higher Education Institutions, nörotoksik etkili organik çözücülerden n-hekzana mesleki olarak maruz kalan çalışma gruplarında maruziyetin biyolojik olarak izlenmesi, 1993 - 1993

Metrics

Publication: 98

Citation (WoS): 1573

Citation (Scopus): 1602

H-Index (WoS): 25

H-Index (Scopus): 24