

## Prof. GONCA ÇAKMAK

### Personal Information

**Email:** gcakmak@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/gcakmak>

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Turkey 2000 - 2006

Post Graduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), Turkey 1997 - 2000

Under Graduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1992 - 1996

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Kuvarsın neden olabileceği genotoksisitenin in vitro ve moleküler epidemiyolojik yöntemlerle araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), 2006

Post Graduate, Trafik polisleri ve taksi sürücülerinde hava kirliliği maruziyetine yönelik idrarda l-hidroksipiren değerlerinin, periferik lenfositlerde kromozomal aberasyon ve mikroçekirdek sıklıklarının araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), 2000

### Research Areas

Pharmaceutical Toxicology

### Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2013 - 2019

Assistant Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2008 - 2012

Lecturer, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2008

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1997 - 2006

### Professional Experience

Mevlana Exchange Program Coordinator, Gazi University, Eczacılık Fakültesi, 2012 - 2016

### Courses

F TOKSİKOLOJİ UYG, Under Graduate, 2017 - 2018

F TOKSİKOLOJİ, Under Graduate, 2017 - 2018

GENOTOKSİSİTE, Doctorate, 2017 - 2018

FTO-1070 DÜZENLEYİCİ (REGÜLASYON) TOKSİKOLOJİ, Post Graduate, 2016 - 2017

## Advising Theses

ÇAKMAK G., Determination of the likely exposure of metals originated from urban and industrial air pollution in the urine samples of children, Post Graduate, M.BASIM(Student), 2020

ÇAKMAK G., Endüstriyel ve kentsel hava kirliliğinin çocuklarda genotoksitesinin yanak epitel hücrelerinde araştırılması, Post Graduate, H.HANDAN(Student), 2019

ÇAKMAK G., Evaluation Of Genotoxicity And Cytotoxicity Of Thalassaemia Carrier Children By Cytome Assay, Post Graduate, E.ÖZEL(Student), 2016

ÇAKMAK G., Investigation Of Copper Nanoparticles Genotoxicity By In Vitro Micronucleus Assay (Oecd 487), Post Graduate, M.EVREN(Student), 2016

ÇAKMAK G., Evaluation of awareness of passive cigarette smoking hazards on 4th and 5th graders, Post Graduate, V.DEMİRDİZEN(Student), 2010

ÇAKMAK G., Kristal yapılı silikaya mesleksi maruziyetle karakterize silikoz hastalığı olanlarda genotoksik hasarın belirlenmesi, Post Graduate, E.SATILMIŞ(Student), 2010

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

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

- I. **Investigation of spatial and temporal variation of particulate matter in vitro genotoxicity and cytotoxicity in relation to the elemental composition**  
ÇAKMAK G., Ari P. E., EMERCE E., Ari A., ODABAŞI M., Schins R., BURGAZ S., Gaga E. O.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.842, pp.22-34, 2019  
(Journal Indexed in SCI)
- II. **Genetic damage of operating and recovery room personnel occupationally exposed to waste anaesthetic gases**  
ÇAKMAK G., Eraydin D., Berkkan A., Yagar S., Burgaz S.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.38, no.1, pp.3-10, 2019 (Journal Indexed in SCI)
- III. **Corrosion potential in artificial saliva and possible genotoxic and cytotoxic damage in buccal epithelial cells of patients who underwent Ni-Cr based porcelain-fused-to-metal fixed dental prostheses**  
Alp G., ÇAKMAK G., SERT M., Burgaz Y.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.827, pp.19-26, 2018  
(Journal Indexed in SCI)
- IV. **Micronuclei and other nuclear anomalies in buccal epithelial cells of children with chronic kidney disease**  
Aykanat B., Demircigil G., BUYAN N., Baskin E., Gulleroglu K., Fidan K., Bayrakci U. S., DALGIÇ A., Karakayali H., Haberal M., et al.  
Arhiv za Higijenu Rada i Toksikologiju-Archives of Industrial Hygiene and Toxicology, vol.67, no.4, pp.317-325, 2016 (Journal Indexed in SCI)
- V. **Pooled bioequivalence study database from Turkey: characterization of adverse events and determination of split points based on Gini Index as a promising method**  
Gurer C., ÇAKMAK PEHLİVANLI A., Demircigil G.  
SPRINGERPLUS, vol.5, 2016 (Journal Indexed in SCI)

- VI. **Cellular uptake, genotoxicity and cytotoxicity of cobalt ferrite magnetic nanoparticles in human breast cells**  
Asik E., Akpinar Y., GÜRAY N. T. , Iscan M., Demircigil G., Volkan M.  
TOXICOLOGY RESEARCH, vol.5, no.6, pp.1649-1662, 2016 (Journal Indexed in SCI)
- VII. **Cytogenetic biomonitoring of primary school children exposed to air pollutants: micronuclei analysis of buccal epithelial cells**  
Demircigil G., Erdem O., GAGA E. E. , ALTUĞ H., Demirel G., ÖZDEN ÜZMEZ Ö., Ari A., Ornektekin S., DÖĞEROĞLU T., van Doorn W., et al.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.21, no.2, pp.1197-1207, 2014 (Journal Indexed in SCI)
- VIII. **Assessment of Individual Susceptibility to Baseline DNA and Cytogenetic Damage in a Healthy Turkish Population: Evaluation with Lifestyle Factors**  
KADIOĞLU E., Kocabas N. A. , Demircigil G., Coskun E., Ozcagli E., DURMAZ E., KARAHALİL B., BURGAZ S., Sardas S.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, no.10, pp.1157-1164, 2012 (Journal Indexed in SCI)
- IX. **The HUman MicroNucleus project on exfoLiated buccal cells (HUMNXL): The role of life-style, host factors, occupational exposures, health status, and assay protocol**  
Bonassi S., Coskun E., Ceppi M., Lando C., Bolognesi C., Burgaz S., Holland N., Kirsh-Volders M., Knasmueller S., Zeiger E., et al.  
MUTATION RESEARCH-REVIEWS IN MUTATION RESEARCH, vol.728, no.3, pp.88-97, 2011 (Journal Indexed in SCI)
- X. **Basal damage and oxidative DNA damage in children with chronic kidney disease measured by use of the comet assay**  
Aykanat B., Demircigil G., Fidan K., BUYAN N., Gulleroglu K., Baskin E., Bayrakci U. S. , SEPİCİ DİNÇEL A., BÜYÜKKARAGÖZ B., Karakayali H., et al.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.725, pp.22-28, 2011 (Journal Indexed in SCI)
- XI. **Micronucleus frequencies in peripheral blood lymphocytes of children with chronic kidney disease**  
Demircigil G., Aykanat B., Fidan K., Gulleroglu K., Bayrakci U. S. , SEPİCİ DİNÇEL A., BÜYÜKKARAGÖZ B., Karakayali H., Haberal M., Baskin E., et al.  
MUTAGENESIS, vol.26, no.5, pp.643-650, 2011 (Journal Indexed in SCI)
- XII. **Micronucleus frequencies in lymphocytes and buccal epithelial cells from patients having head and neck cancer and their first-degree relatives**  
BURGAZ S., Coskun E., Demircigil G., Kocabas N. A. , Cetindag F., Sunter O., Edinsel H.  
MUTAGENESIS, vol.26, no.2, pp.351-356, 2011 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **State of the art survey of the buccal micronucleus assay-a first stage in the HUMNXL project initiative**  
Bonassi S., Biasotti B., Kirsch-Volders M., Knasmueller S., Zeiger E., BURGAZ S., Bolognesi C., Holland N., Thomas P., Fenech M.  
MUTAGENESIS, vol.24, no.4, pp.295-302, 2009 (Journal Indexed in SCI)
- XV. **Formation of PAH-DNA adducts after in vivo and vitro exposure of rats and lung cells to different commercial carbon blacks**  
Borm P., ÇAKMAK G., Jermann E., Weishaupt C., Kempers P., van Schooten F., Oberdorster G., Schins R.  
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.205, no.2, pp.157-167, 2005 (Journal Indexed in SCI)
- XVI. **In vitro genotoxicity assessment of commercial quartz flours in comparison to standard DQ12 quartz**  
ÇAKMAK G., Schins R., Shi T., Fenoglio I., Fubini B., Borm P.  
INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH, vol.207, no.2, pp.105-113, 2004 (Journal Indexed in SCI)

- XVII. **Polychlorinated biphenyl (PCB) levels in human milk samples from Turkish mothers**  
Cok İ., Gorucu E., Satiroglu M., Demircigil G.  
Bulletin of Environmental Contamination and Toxicology, vol.70, no.1, pp.41-45, 2003 (Journal Indexed in SCI Expanded)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **Oxidant-induced DNA damage by quartz in alveolar epithelial cells**  
Schins R., Knaapen A., ÇAKMAK G., Shi T., Weishaupt C., Brom P.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.517, pp.77-86, 2002 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI Expanded)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Çocuklarda Kimyasal Maddelere İlişkin Farkındalığın Artırılması Bir Öğretim Materyalinin Geliştirilmesi ve Denenmesi**  
ÇAKMAK DEMİRCİGİL G., DEMİRHAN İŞCAN C., KADIOĞLU E., BIKMAZ F., ÇOK F., ÇAKIR H., KARAARSLAN A., GÜRER ORHAN H., ORHAN H., KARAHALİL B., et al.  
Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, vol.46, no.1, pp.225-248, 2013 (Other Refereed National Journals)
- II. **Kızartma işlemi ile ilgili toksik bileşiklerin oluşumu filtrasyon yöntemleri ve yasal düzenlemeler**  
Çakmak Demircigil G.  
GIDA, vol.36, no.2, pp.105-112, 2011 (Other Refereed National Journals)
- III. **Genotoxicity Tests from Biomarker Studies to the Regulations National Perspective**  
Çakmak Demircigil G., Emerce E., Ulutaş O. K.  
FABAD, vol.34, pp.217-232, 2009 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Casarett And Doull's Toksikolojinin Temelleri**  
SÜZEN H. S. , ERKEKOĞLU Ü. P. , ADA A. O. , ERDEM O., ÇAKMAK G., demirel b.  
Nobel, Ankara, 2017
- II. **Türk Farmakopesi II Monograflar Avrupa Farmakopesi Adaptasyonu**  
ÇAKMAK G., ERDEM O.  
Anıl Reklam Matbaa Ltd Şti, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Genotoxicity of polycyclic aromatic hydrocarbons (PAHs) in size 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 CLEAN AIR CONGRESS 2019, İstanbul, Turkey, 23 - 27 September 2019
- II. **Evaluation of Thioredoxin-1 (TRX-1) levels in individuals chronically exposed to Arsenic via drinking water.**  
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. **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
- IV. **Determination of metal levels in urine samples of children with exposure to urban and industrial air pollution**  
ALJBORY M., ALP O., ÖZATA H. H. , ÇAKMAK PEHLİVANLI A., YAY O. D. , GAGA E. E. , ALTUĞ H., ÇAKMAK G.  
International conference on agriculture, food, veterinary and pharmacy science, Turkey, 16 - 18 April 2019
- V. **Investigation Of Genotoxicity In Exfoliated Buccal Cells Of Children With Exposure To Urban And Industrial Air Pollution**  
özata h. h. , ÇAKMAK PEHLİVANLI A., yay o. d. , GAGA E. E. , ALTUĞ H., ÇAKMAK G.  
ICAFOP 2019, 16 - 18 April 2019
- VI. **Genotoxicity biomarkers in the Clinical and Environmental Molecular Epidemiology Studies for Children. ,18-21 April, 2018,Belgrade, Serbia.**  
ÇAKMAK G.  
10th Congress of Toxicology in Developing Countries(CTDC10),12th Congress of the Serbian Society of Toxicology(12SCT), Belgrade, Serbia, 18 - 21 April 2018
- VII. **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
- VIII. **Genotoxicity Assessment of Children with B-Thalassemia Minor by Use of Micronucleus Assay in Peripheral Blood Lymphocytes**  
Özel Babacanoglu E., EMERCE GÜRSEL E., Kargin D., ARSLAN U., ASLAN D., ÇAKMAK G.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.181
- IX. **Raising The Awareness on Healthy Food and Healthy Eating Among Children.**  
Durgo K., Esteban J., Bikmaz F., EYİDOĞAN F., Curcic M., KADIOĞLU E., TAĞI Ş., Güney Karaman N., DEMİRHAN İŞCAN C., ÖZGEN H. K. , et al.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 October - 13 November 2017, pp.195
- X. **Investigation of Spatial and Temporal Genotoxicity and Cytotoxicity of Atmospheric Particles Collected from Kutahya**  
Çakmak G., Emerce E., Ertürk Arı P., Arı A., Schins R., Burgaz S., Gaga E. E.  
European Aerosol Conference, EAC2017, Zürich, Switzerland, 28 August - 02 September 2017, pp.40643
- XI. **Particle Toxicology in the Perspective of in Vitro to Molecular Epidemiology Studies and Regulations**  
ÇAKMAK G.  
Seminars in Biotechnology and Bioengineering in the Degree Master's in Biotechnology and Bioengineering, Elche, Spain, 11 - 14 May 2017
- XII. **Toksikolojide Partiküller Ve Çocuklar**  
ÇAKMAK G.

Toksikolojide Kariyer Günleri, Eskişehir, Turkey, 21 January - 22 February 2017

- XIII. **In vitro particulate matter PM genotoxicity with regards to the season and region**  
ÇAKMAK DEMİRCİGİL G.  
5th Croatian Congress of Toxicology with International Participation, POREC, Croatia, 9 - 12 October 2016
- XIV. **Particulate matter genotoxicity and cytotoxicity due to spatial and temporal changes**  
Çakmak Demircigil G., Emerce E., Ertürk P., Arı 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
- XV. **Gene Expression Levels in Individuals Exposed to Inorganic Arsenic via Drinking Water**  
KADIOĞLU E., ÇAKMAK DEMİRCİGİL G., Öztürk A. R. , Hisarlı N. D. , Asik E., ALSHANA U., ERTAŞ N., Celalettin 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
- XVI. **Evaluation of Adverse Events Observed in Bioequivalence Studies Conducted in Turkey**  
ÇAKMAK DEMİRCİGİL G., Gürer Ç., ÇAKMAK PEHLİVANLI A.  
Conference: International Gazi Pharma symposium series (GPSS 2015), Ankara, Turkey, 12 - 15 November 2015, pp.129
- XVII. **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
- XVIII. **Kütahya kentsel ve kırsal istasyonlarında toplanan partikül maddenin in vitro genotoksiste ve sitotoksiste değerlendirmesi**  
ÇAKMAK DEMİRCİGİL G., EMERCE E., ERTÜRK ARI P., ARI A., SCHINS R., BURGAZ S., GAGA E. E.  
6. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu, İzmir, Turkey, 7 - 09 October 2015, pp.554-561
- XIX. **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
- XX. **Arsenic 3 methyltransferase and glutathione S transferase omega genetic variants associated with arsenic susceptibility Influences on As metabolism and skin lesions**  
KADIOĞLU E., Hisarlı D. N. , AŞIK E., ÇAKMAK DEMİRCİGİL G., ALSHANA U., ERTAŞ N., Çelebi C. R. , Atabey E., Ataman O. Y. , Serçe H., et al.  
SOT Annual meeting, San Diego, United States Of America, 22 - 26 March 2015
- XXI. **Hair arsenic concentrations of residents living in Nevşehir Province, Turkey**  
ALTUN B., ERTAŞ N., ALSHANA U., Hisarlı D. N. , Aşık E., ÇAKMAK G., KADIOĞLU E., Çelebi C. R. , Atabey E., Ataman O. Y. , et al.  
49th Congress of the European Societies of Toxicology (EUROTOX), 1 - 04 September 2013
- XXII. **Detection of Urinary Fluoride and Sevoflurane levels in operating room personnel**  
BERKKAN A., ÇAKMAK DEMİRCİGİL G., Eraydın D., Yağar S., BURGAZ S.  
IMA2011, Girit, Greece, 18 - 22 September 2011
- XXIII. **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 DİNÇEL A., BÜYÜKKARAGÖZ B., KARAKAYALI H., et al.  
6th Congress of International Pediatric Transplant Association, Canada, 25 - 28 June 2011
- XXIV. **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

**XXV. Genomic instability in quartz dust exposed rat lungs: Is inflammation responsible?**

Albrecht C., Knaapen A. M. , Demircigil G., Coskun E., van Schooten F. J. , Borm P. J. A. , Schins R. P. F.

10th International Symposium on Inhaled Particles, Sheffield, England, 23 - 25 September 2008, vol.151

## Supported Projects

ÇAKMAK G., Project Supported by Higher Education Institutions, Kronik Böbrek Yetmezliği Olan ve Transplantasyon Sonrası İmmün Baskılayıcılarla Tedavi Edilen Çocuk Hastalarda Genotoksik Hasarın Araştırılması, 2007 - Continues

Çakmak G., Tamer U., Project Supported by Higher Education Institutions, In Vitro Mikroçekirdek Yöntemi (OECD 487) ile Nanopartikül Toksisitesinin A549 Hücre Hattında Belirlenmesi, 2017 - 2020

ÇAKMAK G., ALP O., ULUDAĞ M. O. , ÖNKOL T., TAKKA S., AKKOL E., HACIŞEVKİ A., Project Supported by Higher Education Institutions, ECZACILIK FAKÜLTESİ LABORATUVARLARININ MODERNİZASYONU, 2015 - 2017

Aslan D., Çakmak G., Emerce E., Kargın D., Göktaş T., Project Supported by Higher Education Institutions, Talasemi taşıyıcılarında periferik kandaki lenfositlerde DNA hasarının comet yöntemi ile araştırılması, 2014 - 2017

Çakmak G., Altuğ H., Project Supported by Higher Education Institutions, Kütahya Hava Kalitesinin ve Partikül Madde Genotoksisitesinin Araştırılması, 2013 - 2017

Çakmak G., Emerce E., Aslan D., Özel Babacanoğlu E., Kargın D., Project Supported by Higher Education Institutions, Talasemi Taşıyıcısı Çocuklarda Genotoksisite ve Sitotoksisitenin Sitom Yöntemi ile Değerlendirilmesi, 2014 - 2016

ÇAKMAK G., TUBITAK Project, Kütahya da Hava Kalitesi Belirleme Çalışmaları Kaynakların Tespiti Ölçümler ve Sağlık Riski Analizi, 2013 - 2016

Çakmak G., Kadioğlu E., Burgaz S., Project Supported by Higher Education Institutions, İçme suyu yoluyla arseniğe maruz kalan bireylerde gen ekspresyon değişikliklerinin mikrodizin uygulamasıyla belirlenmesi, 2012 - 2015

Burgaz S., Çakmak G., Ertaş N., Kadioğlu E., TUBITAK Project, İçme sularında arsenik kirliliği olan bölgelerde yaşayan bireylerdeki sağlık risklerinin moleküler epidemiyolojik yöntemlerle araştırılması, 2010 - 2014

Çakmak G., Project Supported by Higher Education Institutions, Silikoz tanısı konulmuş hastalarda mikroçekirdek sıklığı ve neopterin düzeylerinin hastalık şiddeti ile ilişkisi, 2010 - 2013

## Citations

Total Citations (WOS):745

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