

## Prof. BENSU KARAHALİL

### Personal Information

**Office Phone:** [+90 312 202 3085](tel:+903122023085)

**Email:** [bensu@gazi.edu.tr](mailto:bensu@gazi.edu.tr)

**Other Email:** [bensuka@gmail.com](mailto:bensuka@gmail.com)

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

**Address:** Gazi Üniversitesi Eczacılık Fakültesi F.Toksikoloji Anabilim Dalı 06330 Ankara



### International Researcher IDs

ScholarID: KBkOhYQAAAAJ

ORCID: 0000-0003-1625-6337

Publons / Web Of Science ResearcherID: AFU-8097-2022

ScopusID: 6701379383

Yoksis Researcher ID: 10638

### Education Information

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1985 - 1999

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Turkey 1992 - 1996

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), Turkey 1989 - 1992

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Security, Genotoksitate ve analiz yöntemleri Eğitim Kursu, Türk Toksikoloji Derneği, 2012

Health&Medicine, 9th International Comet Assay Work, Türk Toksikoloji Derneği, 2011

### Dissertations

Doctorate, Çocuk işçilerde polisiklik aromatik hidrokarbonlara (PAH) maruziyetin biyoizlenmesi ve genotoksik hasarın araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, 1996

Postgraduate, Psöriazisli hastaların kan lenfositlerinde 8-metoksipsoralen ve UV-A'xxnın klastojenik etkisinin araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, 1992

### Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2005 - Continues

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1989 - Continues

## Academic and Administrative Experience

Eğitim ve Müfredat Kurulu üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

Adaptation/Exemption Committee Member, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

Head of Department, Gazi University, Eczacılık Fakültesi, 2020 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1997 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1997 - Continues

Director of the Center, Gazi University, Rektörlük, 2020 - 2020

Rectorate Commissioner, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - 2020

Eğitim Öğretim ve dış ilişkiler koordinatör Yardımcısı, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - 2020

Coordinator of The Rectorate, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2020

Mevlana Exchange Program Institutional Coordinator, Gazi University, Rektörlük, 2018 - 2020

Assistant Coordinator of The Rectorate, Gazi University, Rektörlük, 2018 - 2020

Erasmus Koordinatörü, Gazi University, Rektörlük, 2017 - 2020

Farabi Program Institutional Coordinator, Gazi University, Rektörlük, 2016 - 2020

Eğitim ve Müfredat Kurulu üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2005 - 2015

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2012

Bölüm Kalite Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2005 - 2012

Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2007 - 2011

Fakülte Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2003 - 2004

Fakülte Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2000 - 2001

## Courses

Toksikogenetik, Undergraduate, 2020 - 2021

KLİNİK TOKSİKOLOJİ, Postgraduate, 2020 - 2021

MOLEKÜLER TOKSİKOLOJİ I, Undergraduate, 2020 - 2021

İLAÇ GÜVENLİĞİ VE FARMAKOVİJİLANSA, Postgraduate, 2019 - 2020

Genotoksisite, Doctorate, 2019 - 2020

GIDA TOKSİKOLOJİSİ VE GIDA GÜVENLİĞİ, Postgraduate, 2020 - 2021, 2019 - 2020

HEDEF ORGAN TOKSİSİTESİ I, Doctorate, 2018 - 2019

MOLEKÜLER TOKSİKOLOJİ II, Doctorate, 2017 - 2018

Moleküler Biyoloji Teknikleri, Doctorate, 2017 - 2018

Hedef Organ Toksisitesi II, Doctorate, 2017 - 2018

## Advising Theses

Karahalil B., MTHFR 677CT gen polimorfizmi ile homosistein ve B vitamin seviyelerinin Parkinson hastalığındaki rolü , Doctorate, M.Ulukaya(Student), Continues

Karahalil B., Akaryakt istasyonunda kimyasallara maruziyetin analitik biyoizlenmesi, Doctorate, K.ŞENTÜRK(Student), 2023

Karahalil B., The Impact Of DNA Repair Gene Polymorphism On Parkinson Disease, Doctorate, N.SELMA(Student), 2019

Karahalil B., Manganez süperoksit dismutaz ve glutatyon peroksidaz gen polimorfizmlerinin parkinson hastalığındaki

rolü, Postgraduate, E.SAYGIN(Student), 2016

KARAHALİL B., Biomonitoring Of The Natural Mycotoxins Zearalenone And Its Metabolites In Cereal-Based Baby Foods, Doctorate, T.BÜLENT(Student), 2016

KARAHALİL B., The Role Of Manganese Superoxide Dismutase And Glutathione Peroxidase Gene Polymorphisms In Parkinson S Disease, Postgraduate, E.SAYGIN(Student), 2016

Karahalil B., Antipsikotiklerin toksisitesi ve bireysel duyarlılığın toksisite üzerine etkisi, Doctorate, M.KEÇİK(Student), 2014

Karahalil B., Environmental monitoring of Konya region near an abandoned mercury mine in Turkey, Postgraduate, M.ULUKAYA(Student), 2010

Karahalil B., Role of GST gene and OGG1 gene polymorphisms in etiology of Diabetes Mellitus disease, Doctorate, N.GÖNÜL(Student), 2010

Karahalil B., The investigation of interaction between ABCB1 genetic polymorphisms and Fentanyl effects, Doctorate, E.KESİMCİ(Student), 2010

KARAHALİL B., Comparison of alpha 2a gene C-1291G polymorphism and dexmedetomidin's sedative and haemodynamics effects, Doctorate, S.YAĞAR(Student), 2008

Karahalil B., Alt ekstremitede turnike uygulanan ortopedi hastalarında iskemi-reperfüzyon hasarı sonucu oluşan oksidatif DNA hasarının araştırılması., Postgraduate, S.POLAT(Student), 2008

KARAHALİL B., ALT EKSTREMİTEDE TURNİKE UYGULANAN ORTOPEDİ HASTALARINDA İSKEMİ-REPERFÜZYON HASARI SONUCU OLUSAN OKSİDATİF DNA HASARININ ARASTIRILMASI, Postgraduate, S.POLAT(Student), 2008

Karahalil B., Deksmetomidinin sedatif ve hemodinamik etkileri ile alfa 2a gen C-1291G polimorfizmi arasındaki ilişkinin araştırılması, Doctorate, S.YAĞAR(Student), 2008

Karahalil B., ASSOCIATION OF THE OGG1 SER326CYS POLYMORPHISM WITH LUNG CANCER RISK AND 8-OHdG LEVELS AS A BIOMARKER OF OXIDATIVE DAMAGE IN TURKISH POPULATION, Postgraduate, E.EMERCE(Student), 2007

Karahalil B., Kurşunun yol açtığı çevre kirliliğinin süt dişlerinde AAS tekniği ile biyoizlenmesi, Postgraduate, B.AYKANAT(Student), 2004

Karahalil B., Parasetamol ile oluşturulan oksidatif DNA baz hasarının gaz kromatografisi-kütle spektrometrisi tekniği ile araştırılması, Postgraduate, E.DURMAZ(Student), 2003

Karahalil B., Mesleki olarak cıvaya maruz kalan dişhekimlerinde idrar cıva düzeylerinin soğuk buhar atomik absorpsiyon spektrometrisi ile araştırılması, Postgraduate, H.RAHRAVİ(Student), 2002

Karahalil B., Antineoplastik ilaçlara mesleki olarak maruziyetin gaz kromatografisi- kütle spektrometrisi (GC-MS) ile araştırılması, Postgraduate, N.KAMELYA(Student), 2000

## **Jury Memberships**

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Gazi Üniversitesi, April, 2024

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, January, 2024

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, January, 2024

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, January, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, January, 2024

Doctorate, Doctorate, Gazi Üniversitesi, January, 2024

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, January, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Gazi Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, November, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, November, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, November, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, November, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, November,

2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Hacettepe Üniversitesi, February, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, September, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2020  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, September, 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, January, 2019

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2018

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, June, 2017

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **The role of major biochemical parameters and key gene polymorphisms in the one-carbon pathway in Parkinson's disease**  
KARAHALİL B., Ulukaya M., Elkama A., Orhan G.  
TOXICOLOGY LETTERS, 2024 (SCI-Expanded)
- II. **Assessment of genotoxicity biomarkers in gasoline station attendants due to occupational exposure**  
ELKAMA A., Senturk K., KARAHALİL B.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.40, no.6, pp.337-351, 2024 (SCI-Expanded)
- III. **Relationships between Interleukin 18-607 C/A and-137 G/C, Osteopontin-9250 C/T Genetic Polymorphisms and Systemic Inflammatory Response Syndrome in Coronary Artery Bypass Graft Surgery**  
KÖSE S. K., Karahilal B., Engin B., Aydoğdu G., Yağar S., ORHAN K.  
MEDICINA-LITHUANIA, vol.60, no.5, 2024 (SCI-Expanded)
- IV. **Are changes in olanzapine-induced liver enzyme levels associated with GSTT1, GSTM1, GSTP1, and OGG1 gene polymorphisms? Jesu li olanzapinom prouzročene promjene jetrenih enzima povezane s polimorfizmima gena GSTT1, GSTM1, GSTP1 i OGG1?**  
ELKAMA A., İlik N., Ak M., KARAHALİL B.  
Arhiv za Higijenu Rada i Toksikologiju, vol.75, no.1, pp.61-67, 2024 (SCI-Expanded)
- V. **Genetic variants of folate metabolism and the risk of multiple sclerosis**  
Asci A. E., Orhan G., KARAHALİL B.  
NEUROLOGICAL RESEARCH, vol.46, no.6, pp.544-552, 2024 (SCI-Expanded)
- VI. **Monitoring of Essential and Toxic Elements in Multivitamin/Mineral Effervescent Tablet Supplements and Safety Assessment**  
Uslu İ., ALP O., KARAHALİL B.  
Biological Trace Element Research, 2024 (SCI-Expanded)
- VII. **The effect of silencing the Tip60 gene on the response to radiotherapy in breast cancer cells**  
SALİHOĞLU E., KARAHALİL B., Eşmakaya M. A., TAMER U., Yardim-Akaydin S.  
BREAST, vol.69, pp.507-512, 2023 (SCI-Expanded)
- VIII. **Investigation of mRNA Expression Levels of Tip60 and Related DNA Repair Genes in Molecular Subtypes of Breast Cancer.**  
Salihoglu E., Demokan S., Karanlik H., Karahalil B., Önder S., Cömert S., Akaydin S.  
CLINICAL BREAST CANCER, vol.23, no.2, pp.125-134, 2023 (SCI-Expanded)
- IX. **Impact of clinical pharmacist's interventions on clinical outcomes in appropriate use of colistin: a prospective pre-post intervention study**  
Albayrak A., ÖZGER H. S., Başgut B., AYGENCEL BIKMAZ Ş. G., KARAHALİL B.  
Journal of Chemotherapy, vol.35, no.8, pp.712-720, 2023 (SCI-Expanded)

- X. **Increased risk of genotoxicity in gasoline station attendants in Turkey**  
Elkama A., KARAHALİL B.  
TOXICOLOGY LETTERS, vol.368, 2022 (SCI-Expanded)
- XI. **Public knowledge attitudes and practices regarding antibiotic use and resistance in Turkey: a cross-sectional survey**  
Karahalil B., Albayrak A., Ozger H. S.  
TOXICOLOGY LETTERS, vol.368, 2022 (SCI-Expanded)
- XII. **New therapy strategies in the management of breast cancer**  
Yardımcı-Akaydin S., Karahalil B., Nacak Baytas S.  
DRUG DISCOVERY TODAY, vol.27, no.6, pp.1755-1762, 2022 (SCI-Expanded)
- XIII. **Metabolomics mapping changed after olanzapine therapy in drug-naive schizophrenia patients-the significant impact of gene polymorphisms**  
KARAHALİL B., ELKAMA A., AK M., NEMUTLU E.  
TOXICOLOGY RESEARCH, vol.11, pp.547-556, 2022 (SCI-Expanded)
- XIV. **Clinical pharmacist assessment of drug-related problems among intensive care unit patients in a Turkish university hospital**  
ALBAYRAK A., Basgut B., AYGENCEL BIKMAZ Ş. G., KARAHALİL B.  
BMC HEALTH SERVICES RESEARCH, vol.22, no.1, 2022 (SCI-Expanded)
- XV. **Individual susceptibility has a major impact on strong association between oxidative stress, defence systems and Parkinson's disease**  
Karahalil B., Miser Salihoğlu E., Elkama A., Orhan G., Saygın E., Akaydin Yardim S.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.130, no.1, pp.158-170, 2022 (SCI-Expanded)
- XVI. **Evaluation of parental knowledge, attitudes and practices regarding antibiotic use in acute upper respiratory tract infections in children under 18 years of age: a cross-sectional study in Turkey**  
ALBAYRAK A., KARAKAŞ N. M., KARAHALİL B.  
BMC PEDIATRICS, vol.21, no.1, 2021 (SCI-Expanded)
- XVII. **The impact of antimicrobial use on potential major drug-drug interactions in the pediatric intensive care unit patients at University Hospital, Turkey.**  
Albayrak A., Akkuzu E., Karahalil B.  
Minerva pediatrics, 2021 (SCI-Expanded)
- XVIII. **The impacts of prominent gene polymorphisms in DNA repair enzymes on Parkinson's disease**  
Aslan N. S., Orhan G., Karahalil B.  
NEUROSCIENCE LETTERS, vol.735, 2020 (SCI-Expanded)
- XIX. **An overview of microtubule targeting agents for cancer therapy**  
Karahalil B., Akaydin S., Baytaş S.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, no.3, pp.160-172, 2019 (SCI-Expanded)
- XX. **The association between the OPRM1 A118G polymorphism and addiction in a Turkish population**  
Turkan H., KARAHALİL B., KADIOĞLU E., Eren K., Gurol D. T., Karakaya A. E.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.70, no.2, pp.97-103, 2019 (SCI-Expanded)
- XXI. **Role of gene polymorphisms in vitamin D metabolism and in multiple sclerosis**  
ELKAMA A., KARAHALİL B.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.69, no.1, pp.25-31, 2018 (SCI-Expanded)
- XXII. **Hepatotoxicity associated with statins**  
KARAHALİL B., Hare E., Koc G., Uslu I., Senturk K., Ozkan Y.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.68, no.4, pp.254-260, 2017 (SCI-Expanded)
- XXIII. **Oxidative stress gene polymorphisms may have an impact in the development of ischemic stroke**  
KARAHALİL B., ELKAMA A., Orhan G.

JOURNAL OF GENE MEDICINE, vol.19, no.3, 2017 (SCI-Expanded)

- XXIV. **The association of IL-18 gene promoter polymorphisms and the levels of serum IL-18 on the risk of multiple sclerosis**  
Orhan G., Eruyar E., Mungan S. O., Ak F., KARAHALİL B.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.146, pp.96-101, 2016 (SCI-Expanded)
- XXV. **The impact of detoxifying and repair gene polymorphisms on oxidative stress in ischemic stroke**  
Orhan G., ELKAMA A., Mungan S. O., Eruyar E., KARAHALİL B.  
NEUROLOGICAL SCIENCES, vol.37, no.6, pp.955-961, 2016 (SCI-Expanded)
- XXVI. **The effect of cotinine concentrations in seminal plasma and follicular fluid on the pregnancy outcomes of couples undergoing assisted reproductive techniques**  
Terzioglu F., KARAHALİL B., YÜCEL Ç., TÜRK R.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.5, pp.1495-1501, 2016 (SCI-Expanded)
- XXVII. **The effect of anxiety and depression scores of couples who underwent assisted reproductive techniques on the pregnancy outcomes**  
Terzioglu F., TÜRK R., YÜCEL Ç., Dilbaz S., ÇINAR Ö., KARAHALİL B.  
AFRICAN HEALTH SCIENCES, vol.16, no.2, pp.441-450, 2016 (SCI-Expanded)
- XXVIII. **Overview of Systems Biology and Omics Technologies**  
KARAHALİL B.  
CURRENT MEDICINAL CHEMISTRY, vol.23, no.37, pp.4221-4230, 2016 (SCI-Expanded)
- XXIX. **The impact of detoxifying and repair gene polymorphisms and the levels of serum ROS in the susceptibility to multiple sclerosis**  
KARAHALİL B., Orhan G., Ak F.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.139, pp.288-294, 2015 (SCI-Expanded)
- XXX. **Helicobacter pylori and serum kynurenine-tryptophan ratio in patients with colorectal cancer**  
ENGİN A. B., KARAHALİL B., Karakaya A. E., Engin A.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.21, no.12, pp.3636-3643, 2015 (SCI-Expanded)
- XXXI. **Genotoxicity of Anesthetics Evaluated In Vivo (Animals)**  
Braz M. G., KARAHALİL B.  
BIOMED RESEARCH INTERNATIONAL, vol.2015, 2015 (SCI-Expanded)
- XXXII. **Could 8-oxoguanine DNA glycosylase 1 Ser326Cys polymorphism be a biomarker of susceptibility in cancer?**  
KARAHALİL B., ENGİN A. B., Coskun E.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.9, pp.814-825, 2014 (SCI-Expanded)
- XXXIII. **Does cigarette smoking really have detrimental effects on outcomes of IVF?**  
ÇINAR Ö., Dilbaz S., Terzioglu F., KARAHALİL B., YÜCEL Ç., Turk R., Taskin L., KÖSE S. K.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.174, pp.106-110, 2014 (SCI-Expanded)
- XXXIV. **Micronucleus assay assessment of possible genotoxic effects in patients treated with titanium alloy endosseous implants or miniplates**  
KARAHALİL B., KADIOĞLU E., Tuzuner-Oncul A. M., Cimen E., EMERCE E., KİŞNİŞCİ R. Ş.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.760, pp.70-72, 2014 (SCI-Expanded)
- XXXV. **Effect of N-acetyl cysteine, Neopterin and Dexamethasone on the Viability of Titanium dioxide Nanoparticles Exposed Cell Lines**  
ENGİN A. B., ENGİN E. D., KARAHALİL B.  
PTERIDINES, vol.23, no.4, pp.111-122, 2012 (SCI-Expanded)
- XXXVI. **Impact of DNA polymorphisms in key DNA base excision repair proteins on cancer risk.**  
Karahalil B., Bohr V. A., Wilson D. M.  
Human & experimental toxicology, vol.31, no.10, pp.981-1005, 2012 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **The role of GSTM1, GSTT1, GSTP1, and OGG1 polymorphisms in type 2 diabetes mellitus risk: A case-control study in a Turkish population**  
Gonul N., KADIOĞLU E., Kocabas N. A., ÖZKAYA M., Karakaya A. E., KARAHALİL B. GENE, vol.505, no.1, pp.121-127, 2012 (SCI-Expanded)
- XXXIX. **Association between ABCB1 gene polymorphisms and fentanyl's adverse effects in Turkish patients undergoing spinal anesthesia.**  
Kesimci E., Engin A. B., Kanbak O., Karahalil B. Gene, vol.493, no.2, pp.273-7, 2012 (SCI-Expanded)
- XL. **Pilot Study of Environmental Monitoring of Konya Region near Abandoned Mercury Mine in Turkey**  
KARAHALİL B., Ulukaya M., ALP O. BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.88, no.2, pp.150-153, 2012 (SCI-Expanded)
- XLI. **Effects of the anti-malarial compound cryptolepine and its analogues in human lymphocytes and sperm in the Comet assay**  
Gopalan R. C., EMERCE E., Wright C. W., KARAHALİL B., Karakaya A. E., Anderson D. TOXICOLOGY LETTERS, vol.207, no.3, pp.322-325, 2011 (SCI-Expanded)
- XLII. **DNA repair enzyme polymorphisms and oxidative stress in a Turkish population with gastric carcinoma**  
ENGİN A. B., KARAHALİL B., Engin A., Karakaya A. E. MOLECULAR BIOLOGY REPORTS, vol.38, no.8, pp.5379-5386, 2011 (SCI-Expanded)
- XLIII. **ASSOCIATION BETWEEN XRCC1 ARG399GLN AND P53 ARG72PRO POLYMORPHISMS AND THE RISK OF GASTRIC AND COLORECTAL CANCER IN TURKISH POPULATION**  
ENGİN A. B., KARAHALİL B., Karakaya A. E., Engin A. ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.62, no.3, pp.207-214, 2011 (SCI-Expanded)
- XLIV. **The role of the ADRA2A C1291G genetic polymorphism in response to dexmedetomidine on patients undergoing coronary artery surgery**  
Yagar S., Yavas S., KARAHALİL B. MOLECULAR BIOLOGY REPORTS, vol.38, no.5, pp.3383-3389, 2011 (SCI-Expanded)
- XLV. **OXIDATIVE AND ANTIOXIDATIVE EFFECTS OF DESFLURANE AND SEVOFLURANE ON RAT TISSUE IN VIVO**  
Turkan H., Aydin A., Sayal A., Eken A., Akay C., KARAHALİL B. ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.62, no.2, pp.113-119, 2011 (SCI-Expanded)
- XLVI. **Associations between GSTM1 and OGG1 Ser326Cys polymorphisms and smoking on chromosomal damage and birth growth in mothers**  
KARAHALİL B., EMERCE E., Kocabas N. A., Akkas E. MOLECULAR BIOLOGY REPORTS, vol.38, no.5, pp.2911-2918, 2011 (SCI-Expanded)
- XLVII. **The impact of OGG1, MTH1 and MnSOD gene polymorphisms on 8-hydroxy-2'-deoxyguanosine and cellular superoxide dismutase activity in myocardial ischemia-reperfusion.**  
Karahalil B., Kesimci E., EMERCE E., Gumus T., Kanbak O. Molecular biology reports, vol.38, no.4, pp.2427-35, 2011 (SCI-Expanded)
- XLVIII. **The effect of sevoflurane and desflurane on markers of oxidative status in erythrocyte.**  
Turkan H., Aydin A., Sayal A., Karahalil B. Toxicology and industrial health, vol.27, no.2, pp.181-6, 2011 (SCI-Expanded)
- XLIX. **NanoLINEN: Nanotoxicology Link Between India and European Nations**  
Dhawan A., Shanker R., Laffon B., Fernandez Tajés J., Fuchs D., van der Laan G., van Broekhuizen P., Becker H., Moriske H., Teixeira J. P. F., et al. JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.7, no.1, pp.203-204, 2011 (SCI-Expanded)

- L. **Base excision repair activities differ in human lung cancer cells and corresponding normal controls.**  
Karahalil B., Bohr V. A., de Souza-Pinto N. C.  
Anticancer research, vol.30, no.12, pp.4963-71, 2010 (SCI-Expanded)
- LI. **Exposure to Helicobacter pylori and Serum Kynurenine to Tryptophan Ratio in Patients with Gastric Cancer**  
ENGİN A. B., KARAHALİL B., Karakaya A. E., Engin A.  
PTERIDINES, vol.21, no.4, pp.110-120, 2010 (SCI-Expanded)
- LII. **Oxidative Stress, Helicobacter pylori, and OGG1 Ser326Cys, XPC Lys939Gln, and XPD Lys751Gln Polymorphisms in a Turkish Population with Colorectal Carcinoma**  
ENGİN A. B., KARAHALİL B., Engin A., Karakaya A. E.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.14, no.4, pp.559-564, 2010 (SCI-Expanded)
- LIII. **Evaluation of DNA damage after tourniquet-induced ischaemia/reperfusion injury during lower extremity surgery**  
KARAHALİL B., Polat S., ŞENKÖYLÜ A., BÖLÜKBAŞI S.  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.41, no.7, pp.758-762, 2010 (SCI-Expanded)
- LIV. **Assessment of genotoxic effects in patients treated with titanium alloy endosseous implants or miniplates by micronucleus assay**  
Karahalil B., Kadioglu E., Tuzuner-Oncul A. M., Cimen E., Emerce E., Kisnisci R. S.  
TOXICOLOGY LETTERS, 2010 (SCI-Expanded)
- LV. **Pharmacogenomics and Toxicogenomics in Food Chemicals**  
Karahalil B.  
ADVANCES IN FOOD BIOCHEMISTRY, pp.477-496, 2010 (SCI-Expanded)
- LVI. **Comet assay in evaluating DNA damage associated with ischaemia-reperfusion injury in patients undergoing coronary surgery.**  
Karahalili B., Gumus T., EMERCE E., Izdes S., Kanbak O., Kesimci E.  
Arhiv za higijenu rada i toksikologiju, vol.60, no.3, pp.307-15, 2009 (SCI-Expanded)
- LVII. **THE ASSOCIATION OF OGG1 Ser326Cys POLYMORPHISM AND URINARY 8-OHdG LEVELS WITH LUNG CANCER SUSCEPTIBILITY: A HOSPITAL-BASED CASE-CONTROL STUDY IN TURKEY**  
Karahalil B., Emerce E., Kocer B., Han S., Alkis N., Karakaya A. E.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.59, no.4, pp.241-250, 2008 (SCI-Expanded)
- LVIII. **Vth International Conference on Environmental Mutagens in Human Populations: Introduction**  
Au W. W., Sardas S., Karakaya A. E., KARAHALİL B.  
MUTATION RESEARCH-REVIEWS IN MUTATION RESEARCH, vol.659, pp.2-3, 2008 (SCI-Expanded)
- LIX. **ADRA2A polymorphism and smoking in a Turkish population.**  
Karahalil B., Coskun E., EMERCE E.  
Toxicology and industrial health, vol.24, no.3, pp.171-6, 2008 (SCI-Expanded)
- LX. **Association between GSTP1 gene polymorphism and serum alpha-GST concentrations undergoing sevoflurane anaesthesia.**  
Kaymak C., Karahalil B., Ozcan N. N., Oztuna D.  
European journal of anaesthesiology, vol.25, no.3, pp.193-9, 2008 (SCI-Expanded)
- LXI. **hOGG1 Ser326Cys polymorphism and lung cancer susceptibility in the Turkish population**  
Emerce E. T., Karahalil B., Kocer B., Han S., Alkis N., Karakaya A. E.  
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- LXII. **HOGG-1 Ser326Cys polymorphism and oxidative stress in colorectal carcinoma patients**  
Engin A. B., Karahalil B., Engin A., Karakaya A. E.  
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- LXIII. **Dental lead levels in children from two different urban and suburban areas of Turkey**  
Karahalil B., Aykanat B., Ertas N.  
INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH, vol.210, no.2, pp.107-112, 2007 (SCI-Expanded)



- LXIV. **DNA repair gene polymorphisms and bladder cancer susceptibility in a Turkish population.**  
Karahalil B., Kocabas N. A., Ozcelik T.  
Anticancer research, vol.26, pp.4955-8, 2006 (SCI-Expanded)
- LXV. **XRCC1 Arg399Gln genetic polymorphism in a Turkish population.**  
Kocabas N. A., Karahalil B.  
International journal of toxicology, vol.25, no.5, pp.419-22, 2006 (SCI-Expanded)
- LXVI. **Mitochondrial and nuclear DNA-repair capacity of various brain regions in mouse is altered in an age-dependent manner.**  
Imam S. Z., Karahalil B., Hogue B. A., Souza-Pinto N. C., Bohr V. A.  
Neurobiology of aging, vol.27, no.8, pp.1129-36, 2006 (SCI-Expanded)
- LXVII. **Hogg1 Ser326Cys genetic polymorphism in a Turkish population**  
Karahalil B., Kocabas N. A.  
TOXICOLOGY LETTERS, 2005 (SCI-Expanded)
- LXVIII. **Examination of urinary mercury levels in dentists in Turkey**  
Karahalil B., Rahravi H., Ertas N.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.24, no.8, pp.383-388, 2005 (SCI-Expanded)
- LXIX. **hOGG1 SER326CYS genetic polymorphism in a Turkish population.**  
Karahalil B., Kocabas N.  
Archives of toxicology, vol.79, no.7, pp.377-80, 2005 (SCI-Expanded)
- LXX. **Diazepam and propofol used as anesthetics during open-heart surgery do not cause chromosomal aberrations in peripheral blood lymphocytes.**  
Karahalil B., Yagar S., Bahadir G., Durak P., Sardas S.  
Mutation research, vol.581, pp.181-6, 2005 (SCI-Expanded)
- LXXI. **Mitochondrial and nuclear DNA base excision repair are affected differently by caloric restriction**  
Stuart J., Karahalil B., Hogue B., Souza-Pinto N., Bohr V.  
FASEB JOURNAL, vol.18, no.1, pp.595-615, 2004 (SCI-Expanded)
- LXXII. **Compromised incision of oxidized pyrimidines in liver mitochondria of mice deficient in NTH1 and OGG1 glycosylases.**  
Karahalil B., de Souza-Pinto N., Parsons J., Elder R., Bohr V.  
The Journal of biological chemistry, vol.278, no.36, pp.33701-7, 2003 (SCI-Expanded)
- LXXIII. **Mammalian 8-oxoguanine DNA glycosylase 1 incises 8-oxoadenine opposite cytosine in nuclei and mitochondria, while a different glycosylase incises 8-oxoadenine opposite guanine in nuclei.**  
Jensen A., Calvayrac G., Karahalil B., Bohr V., Stevnsner T.  
The Journal of biological chemistry, vol.278, no.21, pp.19541-8, 2003 (SCI-Expanded)
- LXXIV. **Base excision repair capacity in mitochondria and nuclei: tissue-specific variations.**  
Karahalil B., Hogue B., De Souza-Pinto N., Bohr V.  
FASEB journal : official publication of the Federation of American Societies for Experimental Biology, vol.16, no.14, pp.1895-902, 2002 (SCI-Expanded)
- LXXV. **Assessment of DNA damage in women using oral contraceptives.**  
Biri A., Civelek E., Karahalil B., Sardas S.  
Mutation research, vol.521, pp.113-9, 2002 (SCI-Expanded)
- LXXVI. **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)
- LXXVII. **Chromosomal aberrations under basal conditions and after treatment with X-ray in human lymphocytes as related to the GSTM1 genotype.**  
Karahalil B., Sardas S., Kocabas N., Alhayiroglu E., Karakaya A., Civelek E.  
Mutation research, vol.515, pp.135-40, 2002 (SCI-Expanded)
- LXXVIII. **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)
- LXXXIX. **Influence of GSTM1 genotype on comet assay and chromosome aberrations after induction by bleomycin in cultured human lymphocytes.**  
Kocabas N., Karahalil B., Karakaya A., Sardas S.  
Mutation research, vol.469, no.2, pp.199-205, 2000 (SCI-Expanded)
- LXXX. **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)
- LXXXI. **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)
- LXXXII. **Excision of products of oxidative DNA base damage by human NTH1 protein.**  
Dizdaroglu M., Karahalil B., Senturker S., Buckley T., Roldan-Arjona T.  
Biochemistry, vol.38, no.1, pp.243-6, 1999 (SCI-Expanded)
- LXXXIII. **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)
- LXXXIV. **Substrate specificity of the Ogg1 protein of Saccharomyces cerevisiae: excision of guanine lesions produced in DNA by ionizing radiation- or hydrogen peroxide/metal ion-generated free radicals.**  
Karahalil B., Girard P., Boiteux S., Dizdaroglu M.  
Nucleic acids research, vol.26, no.5, pp.1228-33, 1998 (SCI-Expanded)
- LXXXV. **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)
- LXXXVI. **Substrate specificity of Schizosaccharomyces pombe Nth protein for products of oxidative DNA damage.**  
Karahalil B., Roldan-Arjona T., Dizdaroglu M.  
Biochemistry, vol.37, no.2, pp.590-5, 1998 (SCI-Expanded)
- LXXXVII. **Oxidative DNA base damage and antioxidant enzyme levels in childhood acute lymphoblastic leukemia.**  
Senturker S., Karahalil B., Inal M., Yilmaz H., Muslumanoglu H., Gedikoglu G., Dizdaroglu M.  
FEBS letters, vol.416, no.3, pp.286-90, 1997 (SCI-Expanded)
- LXXXVIII. **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)
- LXXXIX. **The effect of smoking on sister chromatid exchange rate of newborn infants born to smoking mothers.**  
SARDAS S., KARAHALIL B., AKYOL D., KUKNER S., KARAKAYA A.  
Mutation research, vol.341, no.4, pp.249-53, 1995 (SCI-Expanded)
- XC. **Mutagenic risk in psoriatic patients before and after 8-methoxypsoralen and long-wave ultraviolet radiation.**  
SARDAS S., KARAHALIL B., KARAKAYA A., SASMAZ R.  
Mutation research, vol.312, no.2, pp.79-83, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **CHEMICAL EXPOSURE OF FUEL STATION WORKERS AKARYAKIT İSTASYONUNDA ÇALIŞANLARIN KİMYASALLARA MARUZİYETİ**  
Şentürk K, KARAHALİL B.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.48, no.1, pp.251-258, 2024 (Scopus)
- II. **Public Knowledge, Attitudes and Practices Regarding Antibiotic Use and Resistance in Türkiye: A Cross-Sectional Survey**  
Karahalil B., Albayrak A., Ozger H.  
Flora İnfeksiyon Hastalıkları ve Klinik Mikrobiyoloji Dergisi, vol.28, no.3, pp.341-352, 2023 (ESCI)
- III. **Systematic Review on Safety of Bisphenol A: from Invention to the Present**  
Karahalil B.  
Eurasian Journal of Toxicology, vol.2, no.5, pp.37-43, 2023 (Peer-Reviewed Journal)
- IV. **Comparison of radiation-induced DNA damage between conventional and computed tomography coronary angiography**  
GÖKALP G., ÜNLÜ S., ELKAMA A., YALÇIN A. C., ÖZBEYAZ N. B., CEMRİ M., KARAHALİL B., ERBAŞ G., BOYACI N. B.  
The Injector, vol.2, no.1, pp.1-8, 2023 (Peer-Reviewed Journal)
- V. **Association of vitamin D receptor polymorphisms with vitamin D and calcium levels in Turkish multiple sclerosis patients**  
ELKAMA A., Orhan G., KARAHALİL B.  
NEURODEGENERATIVE DISEASE MANAGEMENT, vol.12, no.6, pp.323-331, 2022 (ESCI)
- VI. **Application of Toxicological Data for Chemical Risk Management in Food Safety; TTC Approach**  
Karahalil B.  
JOURNAL OF PHARMACOLOGY AND TOXICOLOGY, vol.10, no.11, pp.3-8, 2022 (Peer-Reviewed Journal)
- VII. **A RETROSPECTİVE STUDY ON METHYL ALCOHOL POISONING IN TURKEY: TREATMENT STRATEGY**  
Karahalil B.  
Sci Healthcare, vol.24, no.3, pp.1-3, 2022 (Peer-Reviewed Journal)
- VIII. **COVID-19: Are Experimental Drugs a Cure or Cause?**  
Karahalil B., Elkama A.  
Current drug safety, vol.17, no.2, pp.83-89, 2022 (ESCI)
- IX. **DNA Repair Enzymes Promising in Cancer Therapy; Poly (ADP-Ribose) Polymerase Inhibitors**  
Demir Z., KARAHALİL B.  
GAZI MEDICAL JOURNAL, vol.33, no.3, pp.312-321, 2022 (ESCI)
- X. **Pharmacist's Knowledge and Behaviors Toward Pharmacovigilance and Adverse Drug Reactions Reporting Process in Türkiye**  
ALBAYRAK A., KARAHALİL B.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.19, no.6, pp.694-700, 2022 (ESCI)
- XI. **Folate Metabolism Genetic Polymorphisms and the Susceptibility to Parkinson Disease**  
Ulukaya M., KARAHALİL B.  
GAZI MEDICAL JOURNAL, vol.33, no.4, pp.447-450, 2022 (ESCI)
- XII. **Obez Çocuk ve Adölesanlarda Farmakokinetik Değişiklikler ve İlaç Dozuna Etkileri: Geleneksel Derleme."**  
Albayrak A., Karahalil B.  
J Lit Pharm Sci, vol.3, no.45, pp.231-240, 2021 (Peer-Reviewed Journal)
- XIII. **Evaluation of Parental Knowledge, Attitudes and Practices Regarding Antibiotic Use in Acute Upper Respiratory Tract Infections in Children in a Tertiary Care Hospital in Turkey.**  
Karahalil B.  
Research Square, vol.3, no.1, pp.130-135, 2021 (Peer-Reviewed Journal)
- XIV. **Comparison of Radiation-Induced DNA Damage between Conventional and Computed Tomography Coronary Angiography**  
Karahalil B., Gökalp G., Ünlü S., Elkama A., Cemri M.

research square, vol.2, no.3, pp.2-12, 2021 (Peer-Reviewed Journal)

- XV. **DNA Repair and Detoxifying Gene Polymorphisms in Patients with Multiple Sclerosis and Dental Amalgam Fillings**  
Elkama A., Orhan G., Alp O., Tosun G., Öztekin Z. N., Karahalil B.  
Gazi Medical Journal, vol.32, no.1, pp.33-39, 2021 (ESCI)
- XVI. **Effects of COVID-19 on Respiratory System**  
Karahalil B., Deniz M. E., Iyigundogdu İ., Tumer M.  
GAZI MEDICAL JOURNAL, vol.31, pp.528-531, 2020 (ESCI)
- XVII. **The Impact of ACE2 Gene Polymorphism in the Development of COVID-19 Disease**  
Karahalil B., Elkama A.  
GAZI MEDICAL JOURNAL, vol.31, pp.518-521, 2020 (ESCI)
- XVIII. **Oxidative stress and Parkinson disease Oksidatif Stres ve Parkinson hastalığı**  
Aslan S. N., KARAHALİL B.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.43, no.1, pp.94-116, 2019 (Scopus)
- XIX. **OKSİDATİF STRES VE PARKİNSON HASTALIĞI**  
KARAHALİL B., aslan n.  
J Fac Pharm Ankara, vol.94, no.116, 2019 (Scopus)
- XX. **Takviye edici Gıdalara Genel bir Bakış**  
KARAHALİL B.  
Mised, 2018 (Non Peer-Reviewed Journal)
- XXI. **Gebelikte Takviye edici Gıdalar –Ne Güvenli Ne Değil**  
KARAHALİL B.  
Mised, 2018 (Non Peer-Reviewed Journal)
- XXII. **Gebelikte ilaç kullanımı**  
KARAHALİL B.  
e sağlık dergisi, no.27, 2018 (Peer-Reviewed Journal)
- XXIII. **Prenatal dönemde ilaç kullanımı ve teratojenosite riski**  
KARAHALİL B.  
Türkiye Klinikleri J Med Genet-Special Topics, 2018 (Peer-Reviewed Journal)
- XXIV. **Can Sevoflurane Induce Micronuclei Formation in Nasal Epithelial Cells of Adult Patients?**  
Kesimci E., Coskun E., Ugur G., Muderris T., İZDEŞ S., KARAHALİL B.  
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.45, no.5, pp.264-269, 2017 (ESCI)
- XXV. **DNA repair pathways are as novel therapeutic targets**  
KARAHALİL B.  
International Research Journal of Pharmaceutical Sciences, 2017 (Peer-Reviewed Journal)
- XXVI. **The role of folate dependent genetic susceptibility in the risk of multiple sclerosis**  
aşçı a. e., KARAHALİL B.  
Journal of neurology and neuroscience, 2017 (Peer-Reviewed Journal)
- XXVII. **The Role of Folate Dependent Genetic Susceptibility in The Risk of Multiple Sclerosis.**  
Karahalil B.  
Journal of Neurology and Neuroscience, vol.8, no.3, pp.1-6, 2017 (Peer-Reviewed Journal)
- XXVIII. **Alpha-glutathione-s-transferase can be a biomarker for both drug-related toxicity as well as individual susceptibility**  
Ciba M., Mehmet A. K., KARAHALİL B.  
MINERVA PSICHIATRICA, vol.57, no.2, pp.62-71, 2016 (ESCI)
- XXIX. **Melamine toxicity and safety issue in infant Formula**  
Karahalil B.  
Journal of Translational Toxicology, vol.1, no.1, pp.0-75, 2014 (Scopus)
- XXX. **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 (Peer-Reviewed Journal)
- XXXI. **Paternal smoking and the increased frequency of chromosome aberrations in umbilical cord blood samples**  
Karahalil B., Akkas E., ÇOK İ., Sengul N.  
Fabad Journal of Pharmaceutical Sciences, vol.33, no.4, pp.177-185, 2008 (Scopus)
- XXXII. **Release of alpha-glutathione S-transferase (alpha-GST) and hepatocellular damage induced by Helicobacter pylori and eradication treatment.**  
Karahalil B., Yağar S., Ozin Y.  
Current drug safety, vol.2, pp.43-6, 2007 (Scopus)
- XXXIII. **Do CYP2A6 and GSTM1 genotypes have any impact on genotoxicity in Healthy Turkish Smokers?**  
Aygün Kocabaş N., Karahalil B., ÇOK İ.  
Fabad Journal of Pharmaceutical Sciences, vol.30, no.1, pp.17-25, 2005 (Scopus)
- XXXIV. **Determination of urinary cyclophosphamide in oncology nurses handling antineoplastic drugs by gas chromatography-mass spectrometry**  
KARAHALİL B., Ilter Akkoyunlu K.  
Fabad Journal of Pharmaceutical Sciences, vol.28, no.3, pp.125-130, 2004 (Scopus)

## Books & Book Chapters

- I. **Risk assessment and risk management of functionalized nanomaterials**  
Karahalil B.  
in: Handbook of Functionalized Nanomaterials Environmental Health and Safety Micro and Nano Technologies, Chaudhery Hussain and Vineet Kumar, Editor, Elsevier Science, Oxford/Amsterdam , Alabama, pp.309-320, 2021
- II. **Detection of Toxic Contaminant in the Food Items.**  
Karahalil B.  
in: Nanosensors for Environment, Food and Agriculture , Kumar V.,Guleria P.,Ranjan S.,Dasgupta N.,Lichtfouse E., Editor, Springer Nature, Delaware, pp.115-145, 2021
- III. **Nanomaterials Causing Cellular Toxicity and Genotoxicity.**  
Karahalil B.  
in: Nanotoxicology and Nanoecotoxicology , Kumar V.,Guleria P.,Ranjan S.,Dasgupta N.,Lichtfouse E., Editor, Springer-Verlag , Maine, pp.125-138, 2021
- IV. **YENİ ANTİFUNGAL İLAÇLAR**  
ALBAYRAK A., KARAHALİL B.  
in: SAĞLIK BİLİMLERİNDE FARKLI ALANLAR VE SORUNLARA BAKIŞ, Mukadder Mollaoğlu Murat Can Mollaoğlu, Editor, İksad Yayınevi, pp.217-243, 2020
- V. **SEPSİS VE SEPTİK ŞOKTA ANTİMİKROBİYAL İLAÇLARIN FARMAKOKİNETİK VE FARMAKODİNAMİĞİ**  
ALBAYRAK A., KARAHALİL B.  
in: SAĞLIK BİLİMLERİNDE FARKLI ALANLAR VE SORUNLARA BAKIŞ, Mukadder Mollaoğlu, Murat Can Mollaoğlu, Editor, İksad Yayınevi, pp.15-39, 2020
- VI. **Challenges, recommendations and strategies for nanotoxicology evaluation and its management**  
KARAHALİL B.  
in: Nanotoxicology Toxicity evaluation, risk assessment and management, Kumar V, Dasgupta N, Ranjan S, Editor, Taylor and Francis, Florida, pp.649-657, 2018
- VII. **Pharmacogenomics and Toxicogenomics in Food Chemicals**  
Karahalil B. (Editor)  
in: Advances in Food Biochemistry , Fatih Yıldız, Editor, Taylor eBookstore , New York, pp.499-522, 2017
- VIII. **Dermakozmetik/kozmesötik ürünlerin güvenliği**  
KARAHALİL B., ENGİN A. B.  
in: Dermakozmetik Kozmesötik Madde ve ürünler, E. Yasemin Yazan, Editor, Nobel tıp kitabevleri, İstanbul, pp.183-

202, 2016

**IX. Benefits and risks of phytoestrogens**

Karahalil B.

in: Phytoestrogens in Functional Foods, Yıldız,F.,Adlercreutz,H, Editor, Taylor Publishing Company, New York, pp.304-336, 2005

**Refereed Congress / Symposium Publications in Proceedings**

- I. **The impacts of prominent detoxifying and repair gene polymorphisms on neurological diseases**  
KARAHALİL B.  
11st International Congress of Turkish Society of Toxicology, antalya Kemer, Turkey, 2 - 05 November 2022
- II. **Increased risk of genotoxicity in gasoline station attendants in Turkey**  
ELKAMA A., KARAHALİL B.  
ICT International Congress of Toxicology, Netherlands, 20 September 2022
- III. **'DNA Onarım Enzimlerinin Kansere Tedavisinde Yeri'**  
KARAHALİL B.  
UKAG 2022, Gaziantep, Turkey, 16 June 2022
- IV. **The Effect of Silencing the Tip60 Gene on the Response to Radiotherapy in Breast Cancer Cells**  
SALİHOĞLU E., KARAHALİL B., AKAYDIN S.  
1st International Basic Oncology Congress, İstanbul, Turkey, 1 - 04 June 2022, vol.5, pp.42
- V. **Gıda katkı maddeleri ve risk iletişimi**  
KARAHALİL B., BAŞ M.  
9. Ulusal sağlıklı yaşam kongresi, İstanbul, Turkey, 7 - 11 October 2020
- VI. **Gıda Katkı Maddeleri ve risk iletişimi**  
KARAHALİL B., BAŞ M.  
12. İzmir Aile Hekimleri Derneği Kongresi, Cyprus (Kktc), 16 - 19 April 2020
- VII. **Food safety risk assessment**  
KARAHALİL B.  
Conference on Food and Nutrition Safety, Azerbaijan, 25 - 26 November 2019
- VIII. **Risk assessment and risk communication of food additives**  
KARAHALİL B.  
Dietary supplement. science, production, management, 25 - 26 October 2019
- IX. **Olanzapine induced hepatotoxicity is investigated by individual susceptibility and metabolomics**  
KARAHALİL B., ELKAMA A., AK M., NEMUTLU E., İLİK N.  
science, production, 23 - 24 October 2019
- X. **Risk evaluation of Food additives**  
KARAHALİL B.  
Scientific conference on food and food additives, Georgia, 23 - 24 October 2019
- XI. **The role of homocysteine through reactive oxygen species (ROS) in Parkinson's disease and investigation of its variation with individual susceptibility**  
KARAHALİL B., ASLAN N., SAYGIN E., ELKAMA A., SALİHOĞLU E., ORHAN G., AKAYDIN S.  
10th International Congress of the Turkish Society of Toxicology, 16 - 19 October 2019
- XII. **Olanzapine induced hepatotoxicity is investigated by individual susceptibility and metabolomics**  
KARAHALİL B., ELKAMA A., AK M., NEMUTLU E., İLİK N.  
TOXICOLOGY LETTERS, Helsinki, Finland, 8 - 11 September 2019, vol.314, pp.91
- XIII. **Olanzapine induced hepatotoxicity is investigated by individual susceptibility and metabolomics**  
Karahalil B., Elkama A., Ak M., Nemutlu E., İlik N.  
55th Congress of the European-Societies-of-Toxicology (EUROTOX) - Toxicology - Science Providing Solutions, Helsinki, Finland, 8 - 11 September 2019
- XIV. **Probiyotiklerin Güvenilirliği**

- KARAHALİL B.  
5. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Turkey, 11 - 13 October 2018
- XV. **MRNA AND PROTEIN EXPRESSION LEVELS OF P53 IN MOLECULAR SUBTYPES OF BREAST CANCER ...**  
SALİHOĞLU E., DEMOKAN S., KARANLIK H., KARAHALİL B., AKAYDIN S.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- XVI. **Investigation of expression levels of DNA repair genes in molecular subtypes of breast cancer**  
SALİHOĞLU E., DEMOKAN S., KARANLIK H., KARAHALİL B., ÖNDER S., AKAYDIN S.  
9th world biomarkers congress and 20th International congress on Pharmaceutical biotechnology, Madrid, Spain,  
7 - 09 December 2017
- XVII. **DNA repair in cancer from past to now**  
KARAHALİL B.  
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XVIII. **The role of folate dependent genetic susceptibility in the risk of Multiple Sclerosis.**  
aşçı A. E., ELKAMA A., Orhan G., KARAHALİL B.  
2nd International Gazi Pharma, 11 - 13 October 2017
- XIX. **Serum alpha-GST activity as an alternative biomarker in olanzapine induced hepatotoxicity under the impact of genetic polymorphism of GSTs**  
ELKAMA A., AK M., NEMUTLU E., İlik N., KARAHALİL B.  
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- XX. **The role of manganese superoxide dismutase and glutathione peroxidase gene polymorphisms in Parkinson's disease.**  
saygın E., Orhan G., ELKAMA A., KARAHALİL B.  
Society of Toxicology 56th Annual Meeting, 10 - 15 March 2017
- XXI. **CAT MNSOD VE GPX1 GENETİK POLİMORFİZMLERİNİN İNME İLE İLİŞKİSİNİN TÜRK POPÜLASYONUNDA İNCELENMESİ**  
ORHAN G., ELKAMA A., ÖZTEKİN N., KARAHALİL B.  
52. Ulusal Nöroloji Kongresi, Turkey, 25 November - 01 December 2016
- XXII. **MULTİPLE SKLEROZ HASTALARINDA AMALGAM DIŞ DOLGULARINDAKİ CİVA ÇİNKO VE BAKIR MARUZİYETİNE GENETİK DUYARLILIĞIN ARAŞTIRILMASI**  
ORHAN G., ELKAMA A., ALP O., TOSUN G., ÖZTEKİN N., KARAHALİL B.  
52. Ulusal Nöroloji Kongresi, Turkey, 25 November - 01 December 2016
- XXIII. **Kişiselleştirilmiş tıp**  
KARAHALİL B.  
Tark2016, Turkey, 26 - 30 October 2016
- XXIV. **The impact of DNA repair gene polymorphism on Parkinson disease**  
Aslan N. S., Orhan G., Karahalil B.  
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016
- XXV. **Güneş ürünleri ve toksisite**  
KARAHALİL B.  
Sektör eczacı buluşması, Turkey, 05 May 2106 - 07 May 2016
- XXVI. **DNA onarım enzimlerinin ilaç olarak kullanımı Kanser**  
KARAHALİL B.  
1. Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 March 2016
- XXVII. **Genetic polymorphisms can be prognostic and predictive biomarkers for cancer risk**  
KARAHALİL B.  
GPSS-International Gazi Pharmacy Symposium Series, Antalya, Turkey, 12 - 15 November 2015
- XXVIII. **The impact of detoxifying gene polymorphisms on the risk of stroke**  
ELKAMA A., Orhan g., Esra E., KARAHALİL B.  
TURKHELTOX Toxicology Congress - 9th Congress of the Turkish Society of Toxicology with participation of the Hellenic Society of Toxicology, 21 - 24 October 2015

- XXIX. **Genotoxicity and methods of analysis**  
KARAHALİL B.  
TURKHELTOX Toxicology Congress - 9th Congress of the Turkish Society of Toxicology with participation of the Hellenic Society of Toxicology, 21 - 24 October 2015
- XXX. **The impact of dexoifying and repair gene polymorphism and the levels of serum ros in the susceptibility to multiple sclerosis a hospital based case control study**  
KARAHALİL B., Gürdal O., Ak F.  
31st of the european committee for treatment and research in multiple sclerosis, 7 - 10 October 2015
- XXXI. **The impact of detoxifying and repair gene polymorphisms and the levels of serum ros in the susceptibility to multiple sclerosis: a hospitalbased case-control study**  
Karahalil B., Orhan G., Ak F.  
31st Congress of the European-Committee-for-Treatment-and-Research-in-Multiple-Sclerosis (ECTRIMS), Barcelona, Spain, 7 - 10 October 2015, pp.671
- XXXII. **Evaluation of p53 Arg72Pro and XRCC1 Arg399Gln polymorphisms and oxidative stress in a Turkish population with colorectal carcinoma**  
Engin A. B., Karahalil B., Engin A., Karakaya A. E.  
47th Congress of the European-Societies-of-Toxicology, Paris, France, 28 - 31 August 2011
- XXXIII. **The Roles of DNA Gene Polymorphisms and Antioxidant Activity in Ischemia – Reperfusion Status in Clinic**  
EMERCE E., KARAHALİL B., KESİMCİ E., GÜMÜŞ T., KANBAK O.  
10th International Conference on Environmental Mutagens, Floransa, Italy, 20 - 25 August 2009, pp.254
- XXXIV. **Association of the OGG1 Ser326Cys Polymorphism with Oxidative DNA Damage in Myocardial Ischemia-Reperfusion**  
EMERCE E., KARAHALİL B., KESİMCİ E., GÜMÜŞ T., KANBAK O.  
9th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 23 - 26 June 2009, pp.398
- XXXV. **Koroner Arter Bypass Greftleme Cerrahisine Bağlı İskemi Reperfüzyonda Bireysel Duyarlılığın Oksidatif Hasar Üzerine Etkisi**  
EMERCE E., KARAHALİL B., KESİMCİ E., GÜMÜŞ T., KANBAK O.  
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Ankara, Turkey, 30 May - 01 June 2009, pp.87
- XXXVI. **The Alkaline Comet Assay as Biomarker in Assessment of DNA Damage After Ischemia-Reperfusion Injury in Patients Undergoing Coronary Surgery**  
KARAHALİL B., EMERCE E., GÜMÜŞ T., İZDEŞ S., KANBAK O., KESİMCİ E.  
45th Congress of the European Societies of Toxicology, Rodos, Greece, 5 - 08 October 2008, pp.83
- XXXVII. **The alkaline comet assay as biomarker in assessment of DNA damage after ischemia-reperfusion injury in patients undergoing coronary surgery**  
KARAHALİL B., Emerce-Tufan E., Gumus T., Izdes S., Kanbak O., Kesimci E.  
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XXXVIII. **XPC Lys939Gln and XPD Lys751Gln polymorphisms, oxidative stress and Helicobacter pylori IgG seropositivity in colorectal carcinoma**  
ENGİN A. B., KARAHALİL B., Engin A., Karakaya A. E.  
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XXXIX. **Alpha-2A adrenergic receptor gene (ADRA2A) polymorphism in a Turkish population**  
Emerce E., Karahalil B., Coskun E.  
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XL. **XPC Lys939Gln and XPD Lys751Gln polymorphisms in gastric carcinoma patients**  
ENGİN A. B., KARAHALİL B., Engin A., Karakaya A. E.  
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180
- XLI. **The Effects of Ischemia/Reperfusion Injury on Lactate Levels and DNA Damage in Patients Undergoing Coronary Artery Bypass Graft Surgery**  
EMERCE E., KARAHALİL B., GÜMÜŞ T., İZDEŞ S., KANBAK O., KESİMCİ E.  
38th Annual Meeting of Environmental Mutagen Society, Cavtat, Croatia, 21 - 25 September 2008, pp.127



- XLII. 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
- XLIII. Maternal Smoking Effects on Neonatal Birth Growth and Its Association with Maternal GSTM1 and OGG1 Polymorphisms**  
EMERCE E., KARAHALİL B., AKKAŞ E., AYGÜN KOCABAŞ N.  
3rd EACEH - Euro-Asian Conference on Hazardous Waste Human Health, İstanbul, Turkey, 27 - 30 March 2008, pp.62
- XLIV. Association of the OGG1 Ser326Cys Polymorphism with Lung Cancer Risk In A Turkish Population**  
KARAKAYA A. E., KARAHALİL B., EMERCE E., KOÇER B., HAN S., ALKIŞ N.  
47th Annual Meeting and ToxExpo, Society of Toxicology, Seattle, United States Of America, 16 - 20 March 2008, pp.404
- XLV. OGG1 Ser326Cys Polymorphism and Lung Cancer Susceptibility in Turkish Population**  
EMERCE E., KARAHALİL B., KOÇER B., HAN S., ALKIŞ N., KARAKAYA A. E.  
44th Congress of the European Societies of Toxicology, Amsterdam, Netherlands, 7 - 10 October 2007, vol.172, pp.174
- XLVI. Association of the OGG1 Ser326Cys Polymorphism With Gynecologic Cancer Risk**  
Karahalil B., Yıkan A., Emerce E., Alkiş N.  
11th International Congress of Toxicology, Montreal, Canada, 15 - 19 July 2007
- XLVII. hOGG1 Ser326Cys Polymorphism and Lung Cancer Susceptibility in Turkish Population**  
EMERCE E., KARAHALİL B., KOÇER B., HAN S., ALKIŞ N., KARAKAYA A. E.  
5th International Conference on Environmental Mutagens in Human Populations, Antalya, Turkey, 20 - 24 May 2007, pp.73
- XLVIII. 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
- XLIX. Effect of the GSTM1 Polymorphism on the Relationship Between Maternal Exposure to Environmental Tobacco Smoke and Neonatal Birth Weight**  
EMERCE E., KARAHALİL B., AKKAŞ E., AYGÜN KOCABAŞ N.  
6th International Congress of Turkish Society of Toxicology, Antalya, Turkey, 2 - 05 November 2006, pp.187
- L. Base excision repair capacity in mitochondria and nuclei: Tissue specific variations**  
Karahalil B., Hogue B., De Souza-Pinto N., Bohr V.  
10th International Congress of Toxicology, Tampere, Finland, 11 - 15 July 2004, vol.197, pp.260

## Supported Projects

KARAHALİL B., Alibayova G., Project Supported by Higher Education Institutions, Kardiyovasküler ve solunum sistemi patolojilerinde anjiyotensin dönüştürücü enzim gen polimorfizmlerinin araştırılması, 2024 - Continues

KARAHALİL B., Askari Ghourttapeh R., Project Supported by Higher Education Institutions, Matriks Metalloproteinaz Gen Varyantlarının Koroner Arter Hastalığı ve Kronik Obstrüktif Akciğer Hastalığı ile İlişkisi, 2024 - Continues

ELKAMA A., KARAHALİL B., Project Supported by Higher Education Institutions, Benzin istasyonu çalışanlarında genotoksik etkinin araştırılması, 2019 - Continues

Salihoglu E., Akaydin S., Karahalil B., Project Supported by Higher Education Institutions, Meme Kanseri Hücrelerde Tip60 Geninin Susturulmasının Radyoterapiye Yanıt Üzerine Etkisi, 2019 - 2022

Karahalil B., Project Supported by Higher Education Institutions, AKARYAKIT İSTASYONUNDA KİMYASALLARA MARUZİYETİN ANALİTİK BİYOİZLENMESİ, 2019 - 2021

Karahalil B., Technopark, Benzidamin HCl-Klorheksidin Glukonat oral sprey adlı üründe olası safsızlığı mutagenik ve genotoksik etkilerin Ames ve kromozom aberasyon testleri ile analiz edilmesi, 2019 - 2020

Karahalil B., Technopark, Sağlığa dayalı maruziyet limitlerinden hareketle farmasötik ürünlerin risk değerlendirmesi, 2019 - 2020

Karahalil B., Project Supported by Higher Education Institutions, Reaktif oksijen türleri (ROT) aracılığıyla homosistein Parkinson hastalığındaki rolü ve bunun bireysel duyarlılıkla değişiminin araştırılması, 2017 - 2019

AKAYDIN S., KARAHALİL B., Project Supported by Higher Education Institutions, Reaktif oksijen türleri (ROT) aracılığıyla homosisteinin Parkinson hastalığındaki rolü ve bunun bireysel duyarlılıkla değişiminin araştırılması, 2017 - 2019

KARAHALİL B., ELKAMA A., Project Supported by Higher Education Institutions, HOMOSİSTEİN METABOLİZMASININ GENETİK VARYANTLARI VE MULTİPL SKLEROZİS RİSKİ, 2016 - 2017

Karahalil B., Nemutlu E., TÜBİTAK Project, Antipsikotiklerin toksisitesi ve bireysel duyarlılığın toksisite üzerine etkisi, 2015 - 2017

KARAHALİL B., Project Supported by Higher Education Institutions, MTHFR 677CT gen polimorfizmi ile homosistein ve B vitamini seviyelerinin Parkinson hastalığındaki rolü, 2015 - 2016

Karahalil B., TÜBİTAK Project, Antipsikotik İlaçların Olası Hepatotoksitesinde Bireysel Duyarlılığın Etkisi, 2013 - 2014

Karahalil B., Ak M., TÜBİTAK Project, Antipsikotik İlaçların Olası Hepatotoksitesinde Bireysel Duyarlılığın Etki, 2013 - 2014

AKAYDIN S., KARAHALİL B., ENGİN A. B., Project Supported by Higher Education Institutions, Koroner Arter Bypass Greft KABG sırasında oluşan iskemi reperfüzyona bağlı inflamatuvar cevap ve oksidatif stresin araştırılması, 2011 - 2014

Kadioğlu E., Karahalil B., Emerce E., Öncül A. M. T., Project Supported by Higher Education Institutions, Titanyum alaşımli endosseoz implant veya mini plak uygulanan hastalarda genotoksik etkilerin mikroçekirdek yöntemi ile araştırılması, 2009 - 2013

KARAHALİL B., Project Supported by Higher Education Institutions, Ankara keçisi spermasında farklı ozmotik ve kriyoprotektif ortamların kromatin hasarı üzerine etkisinin Comet Testi ile saptanması, 2012 - 2012

Karahalil B., TÜBİTAK International Multi-Cooperation Project, NanoLINEN (Nanotoxicology link between India and European Nations), 2010 - 2011

KARAHALİL B., Project Supported by Higher Education Institutions, ABCB1 genindeki genetik polimorfizmler ile fentanilin etikeri arasındaki ilişkinin araştırılması, 2009 - 2011

KARAHALİL B., Project Supported by Higher Education Institutions, İnfertil Çiftlerin Yaşadıkları Sorunların ve Foliküler Sıvı Seminal Plazmadaki Kotinin Düzeylerinin Yardımcı Üreme Tekniklerinin Başarı Oranına Etkisi, 2009 - 2011

KARAHALİL B., Project Supported by Higher Education Institutions, Tip II Diyabet Hastalığının Etiyolojisinde Glutatyon S-Transferaz ve OGG1 Gen Polimorfizmlerinin Rolü, 2008 - 2011

Karahalil B., Engin A. B., Karakaya A. E., TÜBİTAK Project, DNA Onarım Gen Polimorfizmlerinin Mide ve Kolorektal Kanserlerle İlişkinin İncelenmesi, 2008 - 2009

Karahalil B., Emerce E., Kesimci E., Kanbak O., Gümüş T., TÜBİTAK Project, Miyokardiyal iskemi reperfüzyonunda oksidatif DNA hasarının hOGG1 DNA onarım enzimi polimorfizmi ile ilişkisinin araştırılması, 2006 - 2008

KARAHALİL B., Project Supported by Higher Education Institutions, Jinekolojik malignansili hastalarda idrar 8-OH Guanin tayini ve hOGG1 ser326cys polimorfizm sıklığının araştırılması, 2006 - 2008

KARAHALİL B., Project Supported by Higher Education Institutions, Akciğer Kanseri ve DNA onarım enzimi OGG1 ser326cys polimorfizmi ilişkisinin Türk popülasyonunda araştırılması, 2006 - 2008

KARAHALİL B., Project Supported by Higher Education Institutions, Deksmetomidinin sedatif ev vasküler etkileriyle  $\alpha$ -adrenerejik reseptör poliformizmi arasındaki ilişkinin saptanması, 2005 - 2007

Karahalil B., Emerce E., Project Supported by Higher Education Institutions, Akciğer Kanseri ve DNA Onarım Enzimi OGG1 Ser326Cys Polimorfizmi İlişkinin Türk Populasyonunda Araştırılması, 2005 - 2007

KARAHALİL B., Project Supported by Higher Education Institutions, Helicobacter pylori tedavisinde kullanılan ilaç ve ilaç kombinasyonlarının olası hepatotoksik etkisi plazma  $\gamma$ -GST biyogöstergesi kullanılarak araştırılması, 2004 - 2005

KARAHALİL B., Project Supported by Higher Education Institutions, Antineoplastik ajanlara maruz kalmış hemşirelerin idrarlarında gaz kromatografisi kütle spektrometresi yöntemi ile siklofosamid tayini, 2000 - 2000

Burgaz S., Karahalil B., NATO Supported Research Project, Assessment of genotoxic damage in nurses occupationally exposed to antineoplastics by the analysis of chromosomal aberrations, 1996 - 1997

Karahalil B., Karakaya A. E., TÜBİTAK Project, Çocuk İşçilerde Polisiklik Aromatik Hidrokarbonlara (PAH) Maruziyetin

Biyozelenmesi ve Genotoksik Hasarın Araştırılması, 1995 - 1997

Karakaya A., Karahalil B., Burgaz S., TÜBİTAK Project, Oto-motor işçilerinin polisiklik aromatic hidrokarbonlara maruziyetinin biyolojik izlenmesi, 1994 - 1996

## Activities in Scientific Journals

Turkish Journal of Pharmaceutical Sciences, Assistant Editor/Section Editor, 2022 - Continues

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Advisory Committee Member, 2021 - Continues

SM Journal of Forensic and Research and Criminology, Committee Member, 2020 - Continues

FRONTIERS IN GENETICS, Committee Member, 2014 - Continues

Aksaray University Journal of Sport and Health Researches, Committee Member, 2020 - 2021

EC pharmacology and toxicology, Committee Member, 2019 - 2021

TOXICOLOGY AND INDUSTRIAL HEALTH, Publication Committee Member, 2004 - 2021

Frontiers in toxicology, Advisory Committee Member, 2010 - 2020

Restorative Neurology And Neuroscience, Publication Committee Member, 2016 - 2019

World Journal of Critical Care Medicine , Publication Committee Member, 2012 - 2018

FABAD Journal of Pharmaceutical Sciences, Publication Committee Member, 2003 - 2014

## Memberships / Tasks in Scientific Organizations

Türk Toksikoloji Derneği, Vice President, 2023 - Continues, Turkey

Türk eczacılar birliği, Board Member, 2023 - Continues, Turkey

IUTOX, Member, 2005 - Continues, United States Of America

EUROTOX, Member, 2003 - Continues, Turkey

Türk Toksikoloji Derneği, Member, 1990 - Continues, Turkey

## Scientific Refereeing

CURRENT DRUG SAFETY, Journal Indexed in ESCI, April 2024

CURRENT PHARMACOGENOMICS AND PERSONALIZED MEDICINE, SCI Journal, April 2024

CARDIOVASCULAR DRUGS AND THERAPY, SCI Journal, April 2024

JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, SCI Journal, March 2024

EXPERIMENTAL AND THERAPEUTIC MEDICINE, SCI Journal, March 2024

CANCER REPORTS, SCI Journal, March 2024

CURRENT PHARMACOGENOMICS AND PERSONALIZED MEDICINE, SCI Journal, March 2024

JOURNAL OF CLINICAL NEUROSCIENCE, SCI Journal, March 2024

JOURNAL OF CLINICAL NEUROSCIENCE, SCI Journal, March 2024

Qeios, Other Indexed Journal, February 2024

Qeios, Other journals, February 2024

TÜBİTAK Project, 1002 - Quick Support Program, Gazi University, Turkey, February 2024

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, January 2024

JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, SCI Journal, January 2024

TÜBİTAK Project, 1002 - Quick Support Program, Gazi University, Turkey, January 2024

Technopark, Gazi University, Turkey, January 2024

Technopark, Gazi University, Turkey, December 2023

Acta Scientific Neurology, Other Indexed Journal, November 2023

Emergency R&D Project of Group A, Gazi University, Turkey, October 2023

Technopark, Gazi University, Turkey, September 2023

Technopark, Gazi University, Turkey, August 2023

CURRENT PHARMACOGENOMICS AND PERSONALIZED MEDICINE, SCI Journal, May 2023

CLINICAL MEDICINE INSIGHTS: ONCOLOGY, Journal Indexed in SCI-E, May 2023

JOURNAL OF SKIN CANCER, SCI Journal, February 2023

INTERNATIONAL JOURNAL OF MICROBIOLOGY, SCI Journal, May 2022

Cancer reports, Journal Indexed in ESCI, April 2022

Journal of Pharmaceutical Research International, Journal Indexed in ESCI, April 2022

Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, February 2022

Technopark, Gazi University, Turkey, December 2021

Technopark, Gazi University, Turkey, December 2021

TUBITAK Project, 1007 - Public Institutions Research and Development Projects DP, Gazi University, Turkey, October 2021

Technopark, Gazi University, Turkey, September 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, May 2021

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Gazi University, Turkey, March 2020

TUBITAK Project, 3001 - Initial R&D Projects Support Program, Gazi University, Turkey, April 2016

TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Gazi University, Turkey, February 2016

TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Gazi University, Turkey, February 2016

TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Gazi University, Turkey, February 2016

TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Gazi University, Turkey, February 2016

TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, June 2015

## Scientific Consultations

Türk Eczacılar Birliği, Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey, 2023 - Continues

TÜSEB , Scientific Consultancy, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey, 2023 - 2023

## Tasks In Event Organizations

Durmaz E., KARAHALİL B., 11th International Congress of the Turkish Society of Toxicology, Scientific Congress, Turkey, Kasım 2022

## Scientific Research / Working Group Memberships

"Kimyasal Mutajenezis Çalışma Grubu" , Gazi University, Turkey, <http://www.turktox.org.tr/workgroup?id=3>, 2004 - Continues

## Metrics

Publication: 185

Citation (WoS): 2299

Citation (Scopus): 2699

H-Index (WoS): 28

H-Index (Scopus): 30

## Congress and Symposium Activities

DFSC, Invited Speaker, Ankara, Turkey, 2023

### Invited Talks

Vitaminler ve Mineraller, Conference, Turkish Pharmacist Association, Turkey, October 2023

Doğru bilinen yanlışlar ve risk iletişimi, Workshop, GEDDAR-Gastroenteroloji Diyetisyenliği Derneği, Turkey, October 2023

Bitkisel zehirler, Conference, Fitoterapi Derneği, Turkey, September 2023

Vitaminler ve güvenliği, Conference, Türk Eczacılar Birliği, Turkey, July 2023

Gıda katkı maddeleri ve Risk analizi, Workshop, GEDDAR-Gastroenteroloji Diyetisyenliği Derneği, Turkey, June 2023

akılcı ilaç kullanımı ve farmaovijilans, Seminar, Türk Eczacılar Birliği, Turkey, May 2023

The impacts of prominent detoxifying and repair gene polymorphisms on neurological diseases a, Conference, Turkey, September 2022

Gıda katkı maddeleri ve risk iletişimi, Seminar, Gıda Güvenliği Derneği, Turkey, March 2022

Kömür madeni işçilerinin güvenliği, Seminar, Kömür işletmeleri, Turkey, March 2022

Gıda katkı maddeleri güvenli midir?, Seminar, Gazi Üniversitesi, Turkey, June 2021

Gıda katkı maddeleri ve risk iletişimi , Seminar, Muğla Sıtkı Koçman Üniversitesi, Turkey, December 2020

Gıda katkı maddeleri ve risk iletişimi , Seminar, Bezmîâlem Vakıf Üniversitesi, Turkey, December 2020

Gıda katkı maddeleri ve risk iletişimi , Seminar, Kırıkkale Üniversitesi, Turkey, December 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, Ulusal Güney Aile Hekimliği Kongresi, Turkey, November 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, İstanbul Aile Hekimliği Derneği kongresi, Turkey, November 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, AHEKON digital 2020, Turkey, November 2020

Gıda katkı maddeleri ve risk iletişimi , Seminar, Bahçeşehir Üniversitesi, Turkey, November 2020

Gıda katkı maddeleri ve risk iletişimi , Seminar, Gümüşhane Üniversitesi, Turkey, October 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Turkey, October 2020

Gıda katkı maddeleri ve risk iletişimi , Seminar, Erzurum Teknik Üniversitesi, Turkey, October 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, İzmir aile hekimleri derneği, Turkey, October 2020

Gıda katkı maddeleri ve risk iletişimi , Conference, 20th International Eastern Mediterranean Family Medicine Congress, Turkey, September 2020

Gıda katkı maddeleri ve risk iletişimi, Conference, Sağlık Bilimleri Üniversitesi, Turkey, December 2019

Food additives and risk communic, Conference, Conference on food and nutrition safety, Azerbaijan, November 2019

Gıda katkı maddeleri ve risk iletişimi , Conference, 3. ARGEV Aile Hekimliği Kongr, Turkey, November 2019

Food additives, Conference, İzmir Katip Çelebi Üniversitesi, Turkey, October 2019

Food additives and risk communication, Conference, 18. Ulusal Aile Hekimliği Kongresi , Turkey, May 2019

Probiyotiklerin güvenliği, Conference, Gazi Üniversitesi, Turkey, October 2018

DNA repair in cancer from past to now , Conference, International Meeting on Education and Research in Health Sciences, Turkey, June 2017

DNA onarım enzimlerinin ilaç olarak kullanımı: Kanser teda, Conference, Marmara Üniversitesi, Turkey, November 2016

Kişiselleştirilmiş Tıp, Conference, TARK 2016, 50. Ulusal Anestezi Kongresi, Turkey, October 2016

BİYOLOJİK ÜRÜN VE BİYOBENZERLERDE İMMUNOJENESİTE , Seminar, Turkey, May 2016

Güneş Ürünleri ve Toksikite, Conference, Sektör Eczacı Buluşması, Turkey, May 2016

KALP HASTALIKLARINDA OKSİDATİF STRES VE BİREYSEL DUYARLILIK, Seminar, Mersin Üniversitesi, Turkey, May 2016

Antineoplastik ilaçlara toksikolojik yaklaş, Conference, 2. Onkoloji ve beslenme destek eczacılığı kongresi, Turkey, October 2012

Gıda endüstrisinde nanoteknolojinin kullanılması ve güvenlik sorunu, Conference, 11. Ulusal Gıda Kongr, Turkey, October 2012

RİSK DEĞERLENDİRMESİNDE BİYOGÖSTERGELERİN ROLÜ: ETKİNİN BİYOGÖSTERGELERİ, Conference, Erciyes Üniversitesi, Turkey, October 2012

FARMAKOGENETİK VE İLAÇ ADVERS ETKİLERİ, Conference, Turkey, October 2010

Farmakogenetik ve İlaç Advers Etkileri,, Conference, Anadolu Üniversitesi, Turkey, October 2010

Risk Değerlendirmesinde Biyogöstergelerin Rolü: Etkinin Biyogöstergeleri, Conference, Erzurum Teknik Üniversitesi, Turkey, May 2010

Saç Boyaları Ve Kozmetikler, Conference, Perinatal Tıp Çalışma Grubu Toplantısı, Çevresel Teratojenlerin Fetusa Etkileri,, Turkey, April 2010

Genomik Teknolojilerin Toksikolojiye Uygulanması, Conference, Turkey, April 2010

Perihan Çambelin Hayatı, Conference, Anadolu Üniversitesi, Turkey, April 2009

Hava kirliliği ve kanser riski, Conference, Ulusal Kanser Haftası, Turkey, April 2008

DNA Repair Enzyme Polymorphisms; As A Biomarker of Cancer Susceptibility, Seminar, Orta Doğu Teknik Üniversitesi, Turkey, October 2007

Ankara'da İçme Suyu Arıtma Tesislerinin Durumu ve Yeni Kaynakların Yaratacağı Sorunlar ve Alınması Gereken Önlemler, Conference, Su Kesintileri ve Hastalık Riski Sempozyumu, Turkey, August 2007

DNA repair enzymes: OGG1 enzyme, Conference, Erzurum Teknik Üniversitesi, Turkey, November 2006

DNA repair systems and their targets, Conference, II. Mediterranean Pharmacy Congress,, Turkey, October 2006

İlaç advers etkileri ve etkileşimleri, Conference, Gazi Üniversitesi, Turkey, March 2005

Biomonitoring of drug-induced DNA damage by Sister Chromatid Exchange and Micronucleus, Conference, Diğer Kurumlar, Egypt, December 2003

## Scholarships

Araştırma Bursu, Other International Organizations, 2009 - 2009

Fellowship, Official Institutions of Foreign Countries, 2001 - 2003

Araştırma Bursu, Other International Organizations, 2002 - 2002

Guest researcher, Other International Organizations, 1997 - 1997

Nato araştırma bursu, NATO, 1996 - 1996

## Awards

Karahalil B., Altın Havan Araştırmacı Ödülü, Medimagazin, May 2018

Karahalil B., Bilim Ödülü, Türk Eczacılar Birliği, May 2014

Karahalil B., LOREAL TÜBA Hakemli Genç Bilim Kadınları Destek Bursu, Loreal , March 2007

Karahalil B., Tübitak Teşvik Ödülü, Tübitak, May 2006

## Non Academic Experience

Other Public Institution, Tarım ve Orman Bakanlığı, Gıda Kontrol Dairesi Risk değerlendirme

Professional Organization, Türk Eczacılar Birliği, Türk Eczacılar Birliği

Other, Gazi University, Eczacılık Meslek Bilimleri

Other Public Institution, Gazi University, Eczacılık Meslek Bilimleri

Other, Gazi University, Eczacılık Meslek Bilimleri

Professional Association, Gazi University, Eczacılık Meslek Bilimleri

Other Public Institution, Gazi University, Eczacılık Meslek Bilimleri

Professional Association, Gazi University, Eczacılık Meslek Bilimleri

Other, Gazi University, Eczacılık Meslek Bilimleri

Professional Association, Gazi University, Eczacılık Meslek Bilimleri

Ulusal Sağlık Enstitüsü (National Institute of Health ;NIH), Ulusal Yaşlanma Enstitüsü, Gerontoloji Araştırma Merkezi, Moleküler Biyoloji Laboratuvarı (National Institute of Aging, Gerontology Research Center, Laboratory of Molecular Biology), Amerika

Other, Gazi University, Eczacılık Meslek Bilimleri

Other, Gazi University, Eczacılık Meslek Bilimleri

Ulusal Sağlık Enstitüsü (National Institute of Health ;NIH), Ulusal Yaşlanma Enstitüsü, Gerontoloji Araştırma Merkezi, Moleküler Biyoloji Laboratuvarı (National Institute of Aging, Gerontology Research Center, Laboratory of Molecular Biology), Amerika

Paterson Kanser Araştırma Enstitüsü (Paterson Institute for Cancer Research, Christie Hospital NHS Trust), UK

Ulusal Standartlar ve Teknoloji Enstitüsü (National Institute of Standards and Technology; NIST), Amerika

Bitki Genetiği Araştırma Enstitüsü (Institute of Plant Genetics and Crop Plant Research; IPK), Almanya