

## Res. Asst. PhD AYLİN ELKAMA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHB-5680-2022

ScopusID: 57151378900

Yoksis Researcher ID: 105816

### Education Information

Doctorate, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2015 - 2022

Postgraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2012 - 2015

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, THE INVESTIGATION OF GENOTOXIC EFFECTS IN GASOLINE STATION ATTENDANTS, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022

Postgraduate, Farelerde Diasetil'in sitokin salınım profillerinin incelenerek solunum sensitizasyon potansiyelinin araştırılması, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2015

### Research Areas

Pharmaceutical Toxicology

### Academic Titles / Tasks

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2012 - Continues

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

- 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)

- II. **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)
- III. **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)
- IV. **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)
- V. **Exposure to particulate matter: a brief review with a focus on cardiovascular effects, children, and research conducted in Turkey**  
ELKAMA A., Sukuroglu A. A., ÇAKMAK G.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.72, no.4, pp.244-253, 2021 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **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)

## Articles Published in Other Journals

- I. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Increased risk of genotoxicity in gasoline station attendants in Turkey**  
ELKAMA A., KARAHALİL B.  
ICT International Congress of Toxicology, Netherlands, 20 September 2022
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **Diasetilin aşırı duyarlılık Potansiyelinin sitokin profilleri ile incelenmesi**  
ÜLKER Ö., ELKAMA A., KARAKAYA M. A., KARAKAYA A. E.  
3.Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- VII. **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
- VIII. **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
- IX. **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
- X. **Investigation of Respiratory Sensitization Potency of Diacetyl By Determining Cytokine Release Profiles In Murine Model**  
ELKAMA A., TEKER E., ÜLKER Ö., KARAKAYA A., KARAKAYA A. E.  
International Gazi Pharma Symposium Series, Turkey, 12 - 15 November 2015
- XI. **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

## Metrics

Publication: 24

Citation (WoS): 51

Citation (Scopus): 54

H-Index (WoS): 4

H-Index (Scopus): 4