

Res. Asst. TUĞCAN KORAK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-8483-2018

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Education Information

Doctorate, Kocaeli University, Tıp Fakültesi, Turkey 2016 - 2023

Postgraduate, Kocaeli University, Tıp Fakültesi, Turkey 2014 - 2018

Undergraduate, Izmir Institute Of Technology, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Uluslararası ORPHEUS Sağlık Bilimlerinde Doktora Eğitiminde Danışmanlık Çalıştayı, Kocaeli Üniversitesi, 2022

Dissertations

Doctorate, Nigella sativa'nın meme kanseri, metastaz ve nk (Natural killer) hücrelerinin sitotoksik aktivitesi üzerinde etkisinin araştırılması, Kocaeli University, Tıp Fakültesi, 2023

Postgraduate, BLM(RS2270132) ve RED51 (RS1801320) gen polimorfizmlerinin meme kanserindeki rollerinin araştırılması, Kocaeli University, Tıp Fakültesi, 2016

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **CITED1 expression in odontogenic cysts**
Asir F., Ozalp Z., YÜLEK Ö., Erdemci F., KORAK T., Tas F.
BMC ORAL HEALTH, vol.24, no.1, 2024 (SCI-Expanded)
- II. **Comment on "Aşır et al. Investigation of Vitamin D Levels in Men with Suspected Infertility**
Asir F., KORAK T., Cankiri Z.
LIFE-BASEL, vol.14, no.7, 2024 (SCI-Expanded)
- III. **Zonisamide Ameliorated the Apoptosis and Inflammation in Cerebellar Tissue of Induced Alcohol Addiction Animal Model**
Asir F., Erdemci F., Cankiri Z., KORAK T., Basaran S. O., Kaplan O., Yukselmis O., Donmezdil N., Ayaz H., Kaplan S., et al.
LIFE-BASEL, vol.14, no.7, 2024 (SCI-Expanded)
- IV. **Skimmianine Showed Neuroprotection against Cerebral Ischemia/Reperfusion Injury**
Ayaz H., Aşır F., KORAK T.
Current Issues in Molecular Biology, vol.46, no.7, pp.7373-7385, 2024 (SCI-Expanded)
- V. **Effect of *Nigella sativa* L. extract and thymoquinone on the genes responsible for cell proliferation, migration and NK cell cytotoxicity in breast cancer**
KORAK T., Emrence Z., Ekmekci S. S., Abaci N., ERGÜL E.
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, no.5, pp.317-325, 2024 (SCI-Expanded)
- VI. **Investigation of Vitamin D Levels in Men with Suspected Infertility**
Asir F., Duran S. c., Afsin M., Duran E., KORAK T., Sahin F.
LIFE-BASEL, vol.14, no.2, 2024 (SCI-Expanded)
- VII. **The Effects of Ellagic Acid on Experimental Corrosive Esophageal Burn Injury**
Kesim D. A., Asir F., Ayaz H., KORAK T.
CURRENT ISSUES IN MOLECULAR BIOLOGY, vol.46, no.2, pp.1579-1592, 2024 (SCI-Expanded)
- VIII. **Haplotype Analysis of Vitamin D Receptor (VDR) Gene in Breast Cancer Patients**
Ergul E., Simsek T., Uren N., Korak T., Simsek H. U., Cine N., Canturk N. Z., Utkan N. Z.
CLINICAL LABORATORY, no.6, pp.1421-1427, 2021 (SCI-Expanded)
- IX. **Nigella sativa and Cancer: A Review Focusing on Breast Cancer, Inhibition of Metastasis and Enhancement of Natural Killer Cell Cytotoxicity**
KORAK T., ERGÜL E., SAZCI A.
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.21, no.12, pp.1176-1185, 2020 (SCI-Expanded)
- X. **RAD51 (rs1801320) gene polymorphism and breast cancer risk in Turkish population**
Korak T., Ergül E., Üren N., Altinok D., Şimşek T., Utkan N. Z., Cantürk N. Z., Gulluoglu B., Sazcı A.
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL PATHOLOGY, vol.10, pp.2181-2186, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **THREE MSA TOOLS ANALYSIS IN DNA AND PROTEIN DATASETS**
AŞIR F., KORAK T., Öztürk Ö.
Middle East Journal of Science, vol.7, no.2, pp.89-99, 2021 (Peer-Reviewed Journal)
- II. **Multiple sequence alignment quality comparison in T-Coffee, MUSCLE and M-Coffee based on different benchmarks**
KORAK T., AŞIR F., Işık E., Cengiz N.
CUMHURİYET SCIENCE JOURNAL, vol.42, no.3, pp.526-535, 2021 (Peer-Reviewed Journal)
- III. **Searching for the Roots of Bloom Syndrome Protein and Its Homologs Using Phylogenetic Analysis**
KORAK T., KASAP M.
Kocaeli Journal of Science and Engineering, vol.4, pp.146-159, 2021 (Peer-Reviewed Journal)
- IV. **Association between apolipoprotein E polymorphisms and gastric cancer in a hospital-based Turkish population**

KORAK T., ÜREN N., ERGÜL E., ŞİMŞEK T., SAZCI A., CANTÜRK N. Z., UTKAN N. Z.

ISTANBUL JOURNAL OF PHARMACY, vol.47, no.3, pp.97-100, 2017 (ESCI)

V. **Association of the nibrin gene (NBN) variants with breast cancer**

Uzunoglu H., Korak T., Ergul E., Uren N., Sazci A., Utkan N. Z., Kargi E., Triyaki Ç., Yirmibesoglu O.

BIOMEDICAL REPORTS, vol.4, no.3, pp.369-373, 2016 (ESCI)

VI. **TP53 (rs1042522) Polymorphism in Breast Cancer**

ÜREN N., KORAK T., ALTINOK D., ERGÜL E., GÜLLÜOĞLU M. B., ŞİMŞEK T., CANTÜRK N. Z., UTKAN N. Z., SAZCI A., ÇABUK D.

Journal of Health Sciences of Kocaeli University, vol.2, no.1, pp.28-31, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **BLM Gene (rs2270132) Variant in Patients with Breast Cancer**

KORAK T., ERGÜL E., ÜREN N., Altınok D., ŞİMŞEK T., UTKAN N. Z., CANTÜRK N. Z., GÜLLÜOĞLU M. B., SAZCI A.
INTERNATIONAL CONGRESS ON BIOLOGICAL AND MEDICAL SCIENCES 2018NIGDE, TURKEY, 31 October - 03
November 2018

II. **CCND1- G870A and TP53 Pro72Arg Polymorphisms in Breast Cancer**

Altınok D., ÜREN N., ERGÜL E., KORAK T., SAZCI A., GÜLLÜOĞLU M. B.
FEBS 2018, ADVANCED COURSE, Emerging issues of breast cancer research: tumour heterogeneity,
immunotherapy and cellular metabolism, 4 - 06 April 2018

III. **Altered vasoactive peptide composition in the tissues of Cathepsin A deficient mice**

Timur Z., Ayyıldız Demir S., Calhan Y., KORAK T., Ateş E., SEYRANTEPE V.
FEBS EMBO 2014 Conference, 30 August - 04 September 2014

Supported Projects

KORAK T., BAL ALBAYRAK M. G., AKPINAR G., KASAP M., Project Supported by Higher Education Institutions, Meme kanseri hücrelerinde timokinon ilişkili proteinlerin proteomik analizle incelenmesi, 2024 - Continues

KORAK T., KASAP M., YANAR S., AKPINAR G., BAL ALBAYRAK M. G., Project Supported by Higher Education Institutions, Meme kanseri hücrelerinde NK hücre sitotoksitesitesiyle ilişkili sekretom proteinlerinin proteomik analizle incelenmesi, 2023 - Continues

BAL ALBAYRAK M. G., KORAK T., YANAR S., Project Supported by Higher Education Institutions, SHSY5Y Hücreleri Kullanılarak Nörodejeneratif Hastalıklarda Partanatos Mekanizmasının Proteomik Yaklaşımlarla Araştırılması ve Borun Koruyucu Etkisinin İncelenmesi, 2023 - Continues

ERGÜL E., KORAK T., Project Supported by Higher Education Institutions, NİGELLA SATİVA'NIN MEME KANSERİ, METASTAZ VE NK (NATURAL KİLLER) HÜCRELERİNİN SİTOTOKSİK AKTİVİTESİ ÜZERİNDE ETKİSİNİN ARAŞTIRILMASI, 2019 - 2023

ERGÜL E., ÜREN N., KORAK T., UTKAN N. Z., ALTINOK DİNDAR D., DULUNDU E., Project Supported by Higher Education Institutions, KOLOREKTAL KANSER OLUŞUM MEKANİZMALARINDA VE KARACİĞER METASTAZI OLUŞUMUNDA ROL OYNAYAN GENLERİN ARAŞTIRILMASI, 2018 - 2019

Activities in Scientific Journals

Acta Medica Nicomedia, Editor, 2020 - Continues

Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, Editor, 2019 - Continues

Scientific Refereeing

NATURAL PRODUCT RESEARCH, SCI Journal, August 2022

Acta Medica Nicomedia, National Scientific Refreed Journal, January 2020

NATURAL PRODUCT RESEARCH, SCI Journal, March 2019

Metrics

Publication: 20

Citation (WoS): 29

Citation (Scopus): 38

H-Index (WoS): 2

H-Index (Scopus): 3