

## Prof. Uğur GEZER

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### International Researcher IDs

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### Education Information

Doctorate, Ruprecht-Karls-Universitaet Heidelberg, Seyahat, Turizm Ve Eđence Hizmetleri, Germany 1996 - 2000

Postgraduate, Universitaet Kaiserslautern, Biyoloji, Germany 1993 - 1996

Undergraduate, Hacettepe University, Fen Fakóltesi, Turkey 1988 - 1992

### Foreign Languages

English, B2 Upper Intermediate

German, C1 Advanced

### Dissertations

Doctorate, Die Wechselwirkung von rekombinantem Hepatitis B Virus X-Protein mit kultivierten Zellen: Steuerung apoptotischer Prozesse, Ruprecht-Karls-Universitaet Heidelberg, Alman Kanser Arařtma Merkezi, Tmr Virolojisi, 2000

Postgraduate, Untersuchung der Struktur einer instabilen Region im Chromosom von Streptomyces rimosus R6-501, Universitaet Kaiserslautern, Biyoloji, Genetik, 1996

### Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Engineering, Molecular Biology of Cancer, Natural Sciences

### Academic Titles / Tasks

Professor, Istanbul University, Onkoloji Enstits, Onkoloji, 2012 - Continues

Associate Professor, Istanbul University, Onkoloji Enstits, Onkoloji, 2007 - 2012

Instructor, Istanbul University, Onkoloji Enstits, Onkoloji, 2000 - 2007

## Academic and Administrative Experience

İstanbul Üniversitesi, Onkoloji Enstitüsü, 2009 - Continues

## Courses

İmmün Sistem Biyolojisi, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Tümör İmmünolojisine Giriş, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

Temel İmmünoloji, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Tümör İmmünolojisi, Doctorate, 2012 - 2013

Kanser Biyolojisine Giriş, Postgraduate, 2008 - 2009

## Advising Theses

Gezer U., DNA Hasarı Oluşturulan Hücrelerde Aday Histon Metillenmelerinin (H3K9me2, H3K9me3 ve H4K20me3) Global Düzeyde İncelenmesi, Postgraduate, M.Çetinkaya(Student), Continues

Gezer U., Prostat Kanseri Hücrelerinde Aday UzunKodlamayan RNA'ların İncelenmesi, Postgraduate, G.HUSEYNOVA(Student), 2021

Gezer U., Meme kanserinde histon 4 lizin 20 üçlü metillenmesinin (h4K20ME3) öneminin araştırılması, Doctorate, H.İŞİN(Student), 2019

Gezer U., Prostat kanserinde prostat kanser antijen 3'ün androjenle ilişkisinin araştırılması, Doctorate, E.ÖZGÜR(Student), 2017

Gezer U., Sitotoksik ajanlarla muamele edilen MCF-7 meme kanseri hücre hattında bazı kodlamayan RNA'ların hücre ve eksozomal ifade düzeylerinin incelenmesi, Postgraduate, O.KOLDEMİR(Student), 2017

Gezer U., Prostat kanserinde PCA3 ve USP2A genlerinin ifade düzeylerinin araştırılması, Postgraduate, E.UYSALER(Student), 2016

Gezer U., Prostat kanseri hücrelerinden mikroRNA salınımının in vitro karakterizasyonu, Postgraduate, Z.DUYGU(Student), 2015

Gezer U., DNA Hasarı Oluşum Sürecinde Uzun Kodlamayan RNA'ların İncelenmesi, Haziran 2012, Postgraduate, E.Özgür(Student), 2012

Gezer U., Genotoksik Stres İlişkili Apoptozda miR-34 mikroRNA Gen Ailesi ve Caveolin-1 Gen İfadelerinin İncelenmesi, Postgraduate, U.Mert(Student), 2012

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

- I. **LINE-1 cfDNA Methylation as an Emerging Biomarker in Solid Cancers**  
Gezer U., Özgür E., Yörüker E. E., Polatoglu E., Holdenrieder S., Bronkhorst A.  
CANCERS, vol.16, no.22, pp.1-20, 2024 (SCI-Expanded)
- II. **Targeted Sequencing of Human Satellite 2 Repeat Sequences in Plasma cfDNA Reveals Potential Breast Cancer Biomarkers.**  
Gezer U., Oberhofer A., Worf K., Stoetzer O., Holdenrieder S., Bronkhorst A.  
Diagnostics (Basel, Switzerland), vol.14, no.6, 2024 (SCI-Expanded)
- III. **The effect of radiation-induced genotoxic stress on the expression of satellite II and satellite III repeats in breast and colon cancer cells**  
YILMAZ E., ÖZGÜR E., Gazioglu S. B., Akbas C. K., GEZER U., YÖRÜKER E. E.  
INTERNATIONAL JOURNAL OF RADIATION RESEARCH, no.1, 2024 (SCI-Expanded)
- IV. **The effect of radiation-induced genotoxic stress on the expression of satellite II and satellite III repeats in breast and colon cancer cells**  
YILMAZ E., ÖZGÜR E., Gazioglu S., Akbas C., GEZER U., YÖRÜKER E. E.  
International Journal of Radiation Research, vol.22, no.1, pp.91-95, 2024 (SCI-Expanded)

- V. **miR-145-5p suppresses cell proliferation by targeting *IGF1R* and *NRAS* genes in multiple myeloma cells**  
Kaya M., Suer İ., Ozgur E., Capik O., Karatas O. F., Ozturk Ş., Gezer U., Palanduz Ş., Cefle K.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.48, no.5, pp.563-569, 2023 (SCI-Expanded)
- VI. **Plasma Levels of Kynurenine, Soluble OX40 and Mir-138-5p Are Associated With Tumor-infiltrating Lymphocytes in Colorectal Cancer: An Exploratory Study**  
Zor D. S., Hakan M. T., Özgür E., Horozoglu C., Yörüker E. E., Kulle C. B., Gezer U., Yaylim İ.  
ANTICANCER RESEARCH, vol.43, no.7, pp.3281-3288, 2023 (SCI-Expanded)
- VII. **The Clinical Utility of Droplet Digital PCR for Profiling Circulating Tumor DNA in Breast Cancer Patients.**  
Gezer U., Bronkhorst A. J., Holdenrieder S.  
Diagnostics (Basel, Switzerland), vol.12, no.12, 2022 (SCI-Expanded)
- VIII. **Androgen Receptor Blockade Using Enzalutamide Suppresses Long Non-Coding RNA ARLNC1 in Prostate Cancer Cells.**  
Huseynova G., Özgür E., Bilgiç Gazioğlu S., Esin Yörüker E. E., Gezer U.  
Cell journal, vol.24, no.12, pp.774-778, 2022 (SCI-Expanded)
- IX. **Effect of Cytotoxic Therapy on ALU Expression is Modulated by Hormonal Status in Patients with Breast Cancer**  
Özgür E., Ferhatoglu F., Şen F., Gezer U.  
BALKAN MEDICAL JOURNAL, vol.39, no.6, pp.450-451, 2022 (SCI-Expanded)
- X. **The Utility of Repetitive Cell-Free DNA in Cancer Liquid Biopsies.**  
Gezer U., Bronkhorst A. J., Holdenrieder S.  
Diagnostics (Basel, Switzerland), vol.12, no.6, 2022 (SCI-Expanded)
- XI. **Fragmentation Analysis of Plasma DNA Reveals Its Prognostic Value in Gastric Cancer**  
YÖRÜKER E. E., ÖZGÜR E., KESKİN M., ÖZGÜR İ., GEZER U.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.32, no.9, pp.720-726, 2021 (SCI-Expanded)
- XII. **Satellite 2 repeat DNA in blood plasma as a candidate biomarker for the detection of cancer**  
Özgür E., Mayer Z., Keskin M., Yörüker E. E., Holdenrieder S., Gezer U.  
CLINICA CHIMICA ACTA, vol.514, pp.74-79, 2021 (SCI-Expanded)
- XIII. **Investigation of lncRNA H19 in prostate cancer cells and secreted exosomes upon androgen stimulation or androgen receptor blockage**  
ÖZGÜR E., GEZER U.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.5, pp.362-365, 2020 (SCI-Expanded)
- XIV. **Circulating lncRNA H19 may be a useful marker of response to neoadjuvant chemotherapy in breast cancer**  
Ozgur E., Ferhatoglu F., Sen F., Saip P., Gezer U.  
CANCER BIOMARKERS, vol.27, no.1, pp.11-17, 2020 (SCI-Expanded)
- XV. **Plasma Histone H4 and H4K20 Trimethylation Levels Differ Between Colon Cancer and Precancerous Polyps.**  
Özgür E., Keskin M., Yörüker E. E., Holdenrieder S., Gezer U.  
In vivo (Athens, Greece), vol.33, pp.1653-1658, 2019 (SCI-Expanded)
- XVI. **Enzalutamide restores the testosterone effect on H19 expression in prostate cancer cells but not in exosomes**  
ÖZGÜR E., GEZER U.  
Turgut Özal Tıp Merkezi Dergisi (E.A İnönü Üniversitesi Tıp Fakültesi Dergisi), vol.26, pp.1056-1059, 2019 (SCI-Expanded)
- XVII. **Detection of serum protein and circulating mRNA of cMET, HGF EGF and EGFR levels in lung cancer patients to guide individualized therapy**  
Serilmez M., Ozgur E., Karaman Ş., Gezer U., Duranyildiz D.  
CANCER BIOMARKERS, no.2, pp.177-184, 2019 (SCI-Expanded)

- XVIII. **Neoadjuvant volumetric modulated arc therapy in rectal cancer and the correlation of pathological response with diffusion-weighted MRI and apoptotic markers.**  
Gurdal N., Fayda M., ALISHEV N., Bakir B., Tastekin D., Aykan F., Gezer U., Balik E., Saglam E., Oral E. N., et al.  
Tumori, vol.104, pp.266-272, 2018 (SCI-Expanded)
- XIX. **Potential of circulating nucleosome-associated histone modifications in cancer**  
Yoruker E. E., Holdenrieder S., Gezer U.  
TRANSLATIONAL CANCER RESEARCH, vol.7, 2018 (SCI-Expanded)
- XX. **PCA3 Silencing Sensitizes Prostate Cancer Cells to Enzalutamide-mediated Androgen Receptor Blockade**  
Ozgun E., Celik A. I., Darendeliler E., Gezer U.  
ANTICANCER RESEARCH, vol.37, no.7, pp.3631-3637, 2017 (SCI-Expanded)
- XXI. **GAS5 oligonucleotides as therapeutic agents in breast cancer**  
Fayda M., Gezer U.  
TRANSLATIONAL CANCER RESEARCH, vol.5, 2016 (SCI-Expanded)
- XXII. **Blood-based biomarkers for diagnosis, prognosis and treatment of colorectal cancer**  
Yoruker E. E., Holdenrieder S., Gezer U.  
CLINICA CHIMICA ACTA, vol.455, pp.26-32, 2016 (SCI-Expanded)
- XXIII. **Do circulating long non-coding RNAs (lncRNAs) (LincRNA-p21, GAS 5, HOTAIR) predict the treatment response in patients with head and neck cancer treated with chemoradiotherapy?**  
Fayda M., Isin M., Tambas M., Guveli M., Meral R., Altun M., Sahin D., Ozkan G., Sanli Y., Isin H., et al.  
TUMOR BIOLOGY, vol.37, no.3, pp.3969-3978, 2016 (SCI-Expanded)
- XXIV. **MicroRNA Expression Profiles in Papillary Thyroid Carcinoma, Benign Thyroid Nodules and Healthy Controls**  
Yoruker E. E., Terzioglu D., Teksoz S., Uslu F. E., Gezer U., Dalay N.  
JOURNAL OF CANCER, vol.7, no.7, pp.803-809, 2016 (SCI-Expanded)
- XXV. **Histone Methylation Marks on Circulating Nucleosomes as Novel Blood-Based Biomarker in Colorectal Cancer**  
Gezer U., Yoruker E. E., Keskin M., Kulle C. B., Dharuman Y., Holdenrieder S.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.16, no.12, pp.29654-29662, 2015 (SCI-Expanded)
- XXVI. **Androgen Stimulation of PCA3 and miR-141 and Their Release from Prostate Cancer Cells**  
Gezer U., Tiryakioğlu D., Bilgin E., Dalay N., Holdenrieder S.  
CELL JOURNAL, vol.16, no.4, pp.488-493, 2015 (SCI-Expanded)
- XXVII. **Exosomal lncRNA-p21 levels may help to distinguish prostate cancer from benign disease**  
Isin M., Uysaler E., Ozgun E., Koseoglu H., Sanli O., Yucel O. B., Gezer U., Dalay N.  
FRONTIERS IN GENETICS, vol.6, 2015 (SCI-Expanded)
- XXVIII. **Assessment of circulating serum DNA integrity in colorectal cancer patients.**  
Yoruker E. E., Ozgun E., Keskin M., Dalay N., Holdenrieder S., Gezer U.  
Anticancer research, vol.35, no.4, pp.2435-40, 2015 (SCI-Expanded)
- XXIX. **Global quantification of heterochromatin-associated histone methylations in cell lines with differential sensitivity to ionizing radiation**  
Cetinkaya M., Ozgun E., Dalay N., Gezer U.  
ACTA BIOCHIMICA POLONICA, vol.62, no.2, pp.173-176, 2015 (SCI-Expanded)
- XXX. **HISTONE MODIFICATIONS IN CIRCULATING NUCLEOSOMES AS POTENTIAL NEW BIOMARKERS IN CANCER**  
Gezer U., Yoerueker E. E., Keskin M., Holdenrieder S., Dalay N.  
ANTICANCER RESEARCH, vol.34, no.10, pp.5921-5922, 2014 (SCI-Expanded)
- XXXI. **Long non-coding RNAs with low expression levels in cells are enriched in secreted exosomes.**  
Gezer U., Ozgun E., Cetinkaya M., Isin M., Dalay N.  
Cell biology international, vol.38, no.9, pp.1076-9, 2014 (SCI-Expanded)
- XXXII. **Abundant circulating microRNAs in breast cancer patients fluctuate considerably during neoadjuvant chemotherapy**

- Gezer U, Keskin S, Igci A, Tukenmez M, Tiryakioğlu D, Cetinkaya M, Disci R, Dalay N, Eralp Y. ONCOLOGY LETTERS, vol.8, no.2, pp.845-848, 2014 (SCI-Expanded)
- XXXIII. **Post-translational Histone Modifications in Circulating Nucleosomes as New Biomarkers in Colorectal Cancer**  
Gezer U, Holdenrieder S.  
IN VIVO, vol.28, no.3, pp.287-292, 2014 (SCI-Expanded)
- XXXIV. **Increased DNA Integrity in Colorectal Cancer**  
Leszinski G., LEHNER J., Gezer U., Holdenrieder S.  
IN VIVO, vol.28, no.3, pp.299-303, 2014 (SCI-Expanded)
- XXXV. **Investigation of circulating lncRNAs in B-cell neoplasms.**  
Isin M., Ozgur E., ÇETİN G., Erten N., Aktan M., Gezer U., Dalay N.  
Clinica chimica acta; international journal of clinical chemistry, vol.431, pp.255-9, 2014 (SCI-Expanded)
- XXXVI. **Clinical significance of serum circulating insulin-like growth factor-1 (IGF-1) mRNA in hepatocellular carcinoma**  
Karabulut S., Duranyildiz D., Tas F., Gezer U., Akyuz F., Serilmez M., Ozgur E., Yasasever C. T., Vatanserver S., Aykan N. F.  
TUMOR BIOLOGY, vol.35, no.3, pp.2729-2739, 2014 (SCI-Expanded)
- XXXVII. **The predictive and prognostic role of tumoral miRNA expression levels in patients with breast cancer (BC) treated with neoadjuvant chemotherapy (NAC)**  
ERALP Y., KESKIN S., GEZER U., TUKENMEZ M., MUSLUMANOĞLU M. E., DALAY N., Disci R., YAVUZ E., IGCI A.  
CANCER RESEARCH, vol.73, 2013 (SCI-Expanded)
- XXXVIII. **Differential expression of long non-coding RNAs during genotoxic stress-induced apoptosis in HeLa and MCF-7 cells**  
Ozgur E., Mert U., Isin M., Okutan M., Dalay N., Gezer U.  
CLINICAL AND EXPERIMENTAL MEDICINE, vol.13, no.2, pp.119-126, 2013 (SCI-Expanded)
- XXXIX. **Differential expression of long non coding RNAs during genotoxic stress induced apoptosis in HeLa and MCF 7 cells**  
ÖZGÜR E., MERT U., İŞİN M., OKUTAN M., DALAY N., GEZER U.  
Clinical and experimental medicine, vol.13, no.2, pp.119-126, 2013 (SCI-Expanded)
- XL. **Characterization of H3K9me3- and H4K20me3-associated circulating nucleosomal DNA by high-throughput sequencing in colorectal cancer**  
Gezer U., Ustek D., Yoruker E. E., Cakiris A., Abaci N., LESZINSKI G., Dalay N., HOLDENRIEDER S.  
TUMOR BIOLOGY, vol.34, no.1, pp.329-336, 2013 (SCI-Expanded)
- XLI. **Induction of p53-inducible microRNA miR-34 by gamma radiation and bleomycin are different.**  
MERT U., Özgür E., TIRYAKIOĞLU D., Dalay N., Gezer U.  
Frontiers in genetics, vol.3, pp.220, 2012 (SCI-Expanded)
- XLII. **Correlation of histone methyl marks with circulating nucleosomes in blood plasma of cancer patients.**  
Gezer U., Mert U., Ozgur E., Yoruker E. E., Holdenrieder S., Dalay N.  
Oncology letters, vol.3, no.5, pp.1095-1098, 2012 (SCI-Expanded)
- XLIII. **Relevance of Histone Marks H3K9me3 and H4K20me3 in Cancer**  
Leszinski G., Gezer U., Siegele B., Stoetzer O., Holdenrieder S.  
ANTICANCER RESEARCH, vol.32, no.5, pp.2199-2205, 2012 (SCI-Expanded)
- XLIV. **Investigation of miR-21, miR-141, and miR-221 in blood circulation of patients with prostate cancer**  
Agaoglu F. Y., Kovancilar M., Dizdar Y., Darendeliler E., Holdenrieder S., Dalay N., Gezer U.  
TUMOR BIOLOGY, vol.32, no.3, pp.583-588, 2011 (SCI-Expanded)
- XLV. **RELEVANCE OF HISTONE MARKERS H3K9ME3 AND H4K20ME3 IN CANCER DISEASE**  
Leszinski G., Deligezer U., Siegele B., Holdenrieder S.  
ANTICANCER RESEARCH, vol.31, no.5, pp.1989-1990, 2011 (SCI-Expanded)
- XLVI. **Testing the putative effect of Dicer-substrate siRNAs in regulating gene expression at transcriptional level**

Kovancilar M., Dalay M. N., Deligezer U.

TURKISH JOURNAL OF BIOLOGY, vol.35, no.4, pp.399-404, 2011 (SCI-Expanded)

- XLVII. **Post-treatment circulating plasma BMP6 mRNA and H3K27 methylation levels discriminate metastatic prostate cancer from localized disease**  
Deligezer U., Yaman F., Darendeliler E., Dizdar Y., Holdenrieder S., Kovancilar M., Dalay N.  
CLINICA CHIMICA ACTA, vol.411, pp.1452-1456, 2010 (SCI-Expanded)
- XLVIII. **siRNAs targeted to the CpG island region of the CDKN2A gene cause transcriptional gene silencing**  
Deligezer U., Kovancilar M., Dalay N.  
CANCER RESEARCH, vol.69, 2009 (SCI-Expanded)
- XLIX. **Effect of chemotherapy on the integrity of serum DNA in patients with breast cancer.**  
GEZER U., ERALP Y., AKIŞIK E. E., Akışık E. Z., SAİP P. M., Topuz E., DALAY M. N.  
Annals of Newyork Academy of Science, vol.1137, pp.175-179, 2008 (SCI-Expanded)
- L. **Size distribution of circulating cell-free DNA in sera of breast cancer patients in course of adjuvant chemotherapy**  
GEZER U., ERALP Y., AKIŞIK E. E., Akışık E. Z., SAİP P. M., Topuz E., DALAY M. N.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.46, pp.311-317, 2008 (SCI-Expanded)
- LI. **Effect of adjuvant chemotherapy on integrity of free serum DNA in patients with breast cancer**  
GEZER U., Eralp Y., Yılmaz E. Z., YÖRÜKER E. E., SAİP P. M., Topuz E., DALAY M. N.  
ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, vol.1137, pp.175-9, 2008 (SCI-Expanded)
- LII. **Sequence-specific histone methylation is detectable on circulating nucleosomes in plasma**  
Deligezer U., Akisik E. E., Erten N., Dalay N.  
CLINICAL CHEMISTRY, vol.54, no.7, pp.1125-1131, 2008 (SCI-Expanded)
- LIII. **Detection of histone methylation on circulating nucleosomes in blood plasma**  
Deligezer U., Akisik E. E., Erten N., Dalay N.  
JOURNAL OF CLINICAL ONCOLOGY, vol.26, no.15, 2008 (SCI-Expanded)
- LIV. **Size distribution of circulating cell-free DNA in sera of breast cancer patients in the course of adjuvant chemotherapy**  
Deligezer U., Eralp Y., Akisik E. E., Akisik E. Z., Saip P., Topuz E., Dalay N.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.46, no.3, pp.311-317, 2008 (SCI-Expanded)
- LV. **Effect of adjuvant chemotherapy on integrity of free serum DNA in patients with breast cancer**  
Deligezer U., Eralp Y., Akisik E. Z., Akisik E. E., Saip P., Topuz E., Dalay N.  
CIRCULATING NUCLEIC ACIDS IN PLASMA AND SERUM V, vol.1137, pp.175-179, 2008 (SCI-Expanded)
- LVI. **Expression of the TRAIL receptors in blood mononuclear cells in leukemia.**  
GEZER U., DALAY M. N.  
PATHOLOGY & ONCOLOGY RESEARCH, vol.13, no.4, pp.290-294, 2007 (SCI-Expanded)
- LVII. **Lack of association of XRCC1 codon 399Gln polymorphism with chronic myelogenous leukemia**  
Deligezer U., Akisik E. E., Dalay N.  
ANTICANCER RESEARCH, vol.27, pp.2453-2456, 2007 (SCI-Expanded)
- LVIII. **A novel application of melting curves: utility of peak area calculation for relative methylation quantification**  
Deligezer U., Akisik E. E., Dalay N.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.45, no.7, pp.867-873, 2007 (SCI-Expanded)
- LIX. **Expression of the TRAIL receptors in blood mononuclear cells in leukemia**  
Deligezer U., Dalay N.  
PATHOLOGY & ONCOLOGY RESEARCH, vol.13, no.4, pp.290-294, 2007 (SCI-Expanded)
- LX. **Methylation of the INK/ARF locus in blood mononuclear cells**  
GEZER U., ERTEN S. N., AKIŞIK E. E., DALAY M. N.  
Annals Hematology, vol.85, pp.102-107, 2006 (SCI-Expanded)
- LXI. **MTHFR C677T gene polymorphism in lymphoproliferative diseases**  
GEZER U., AKIŞIK E. E., AĞAOĞLU F., ERTEN S. N., DALAY M. N.  
Journal of Clinical and Laboratory Medicine, vol.20, pp.37-41, 2006 (SCI-Expanded)

- LXII. **Methylation of the INK4A/ARF locus in blood mononuclear cells**  
GEZER U., Erten N., YÖRÜKER E. E., DALAY M. N.  
ANNALS OF HEMATOLOGY, vol.85, no.2, pp.102-7, 2006 (SCI-Expanded)
- LXIII. **Methylation of the INK4A/ARF locus in blood mononuclear cells**  
Deligezer U., Erten N., Akisik E. E., Dalay N.  
ANNALS OF HEMATOLOGY, vol.85, no.2, pp.102-107, 2006 (SCI-Expanded)
- LXIV. **Circulating fragmented nucleosomal DNA and caspase-3 mRNA in patients with lymphoma and myeloma**  
Deligezer U., Erten N., Akisik E. E., Dalay N.  
EXPERIMENTAL AND MOLECULAR PATHOLOGY, vol.80, no.1, pp.72-76, 2006 (SCI-Expanded)
- LXV. **Circulating fragmented nucleosomal DNA and caspase-3 mRNA in patients with lymphoma and myeloma**  
GEZER U., ERTEN S. N., YÖRÜKER E. E., DALAY M. N.  
EXPERIMENTAL MOLECULAR PATHOLOGY, vol.80, no.1, pp.72-76, 2006 (SCI-Expanded)
- LXVI. **MTHFR C677T gene polymorphism in lymphoproliferative diseases**  
Deligezer U., Akisik E. E., Yaman F., Erten N., Dalay N.  
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.20, no.2, pp.37-41, 2006 (SCI-Expanded)
- LXVII. **Methylation of the INK4A/ARF locus in blood mononuclear cells**  
GEZER U., ERTEN S. N., YÖRÜKER E. E., DALAY M. N.  
ANNALS OF HEMATOLOGY, vol.85, no.2, pp.102-107, 2005 (SCI-Expanded)
- LXVIII. **Homozygosity at the C677T of the MTHFR gene is associated with increased breast cancer risk in the Turkish population**  
Deligezer U., Akisik E. E., Dalay N.  
IN VIVO, vol.19, no.5, pp.889-893, 2005 (SCI-Expanded)
- LXIX. **Association of the XRCC1 gene polymorphisms with cancer risk in Turkish breast cancer patients**  
Deligezer U., Dalay N.  
EXPERIMENTAL AND MOLECULAR MEDICINE, vol.36, no.6, pp.572-575, 2004 (SCI-Expanded)
- LXX. **Association of the XRCC1 gene polymorphisms with cancer risk in Turkish breast cancer patients**  
GEZER U., DALAY M. N.  
EXPERIMENTAL MOLECULAR MEDICINE, vol.36, no.6, pp.572-575, 2004 (SCI-Expanded)
- LXXI. **Frequent copresence of methylated DNA and fragmented nucleosomal DNA in plasma of lymphoma patients**  
Deligezer U., Yaman F., Erten N., Dalay N.  
CLINICA CHIMICA ACTA, vol.335, pp.89-94, 2003 (SCI-Expanded)
- LXXII. **Genotyping of the MTHFR gene polymorphism, C677T in patients with leukemia by melting curve analysis**  
GEZER U., YÖRÜKER E. E., DALAY M. N.  
MOLECULAR DIAGNOSIS, vol.7, pp.181-185, 2003 (SCI-Expanded)
- LXXIII. **Frequent co-presence of methylated DNA and fragmented nucleosomal DNA in plasma of lymphoma patients**  
GEZER U., AĞAOĞLU F., ERTEN S. N., DALAY M. N.  
Clinical Chimica Acta, vol.335, no.5, pp.89-94, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **EXPRESSION OF ALU REPEAT IN BLOOD PLASMA OF PATIENTS WITH BREAST CANCER DURING NEOADJUVANT CHEMOTHERAPY: AN EXPLORATORY STUDY.**  
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## Supported Projects

GEZER U., HUSEYNOVA G., Project Supported by Higher Education Institutions, Prostat kanseri hücrelerinde aday uzun kodlamayan RNAların incelenmesi, 2020 - 2022

GEZER U., ÖZGÜR E., Project Supported by Higher Education Institutions, Meme kanseri hücrelerinde SUV420H2 gen baskılanmasının hücre sağkalımı üzerine etkisinin araştırılması, 2017 - 2020

ÖZGÜR E., GEZER U., Project Supported by Higher Education Institutions, Prostat kanseri hücrelerinde androjen reseptör yolağı ile ilişkili genlerin eksozomal ifade düzeylerinin incelenmesi, 2017 - 2018

GEZER U., ÖZGÜR E., YÖRÜKER E. E., KESKİN M., Project Supported by Higher Education Institutions, Kolorektal kanserli hastaların kan plazmalarında SUV420H2 metiltransferaz ve H4K20me3 metillenme düzeyinde incelenmesi, 2017 - 2018

YÖRÜKER E. E., KESKİN M., GEZER U., Project Supported by Higher Education Institutions, Mide Kanserlerinde Tanı ve Tedavi Değerlendirilmesinde Serum Temelli H19, Serbest Nükleozom ve DNA Bütünlüğünün Biyomarker Olarak Değerlendirilmesi, 2015 - 2017

DURANYILDIZ H. D., SERİLMEZ M., OĞUZ SOYDİNÇ H., TAŞ F., GEZER U., KİZİR A., Project Supported by Higher Education Institutions, Akciğer Kanserinde LYVE-1'in Önemi, 2015 - 2017

YÖRÜKER E. E., GEZER U., KESKİN M., KOLDEMİR O., KULLE C. B., Project Supported by Higher Education Institutions, Mide kanseri hastalarının plazmalarında H19 ekspresyonu ve serbest nükleozom miktarının değerlendirilmesi, 2016 - 2016

YÖRÜKER E. E., GEZER U., Project Supported by Higher Education Institutions, Serbest nükleozomların mide kanseri, inflamasyon ve kontrol grubunda karşılaştırılması, 2016 - 2016

GEZER U., Project Supported by Higher Education Institutions, Circulating microRNAs in patients with breast cancer during neoadjuvant chemotherapy, 2014 - 2014

GEZER U., Project Supported by Higher Education Institutions, Histon Modifikasyonlarının ELISA-tabanlı Yöntemle Değerlendirilmesi, 2013 - 2014

GEZER U., Project Supported by Higher Education Institutions, DNA Hasar Ajanlarına Maruz Kalan Kültür Hücrelerinden Eksozom Salgılanmasının Karakterizasyonu, 2013 - 2014

GEZER U., Project Supported by Higher Education Institutions, Prostat Kanseri Hücrelerinden mikroRNA Salınımının in vitro Karakterizasyonu, 2013 - 2014

GEZER U., Project Supported by Higher Education Institutions, Gentoksik Stres Oluşturulan Hücrelerde Uzun Kodlanmayan RNA Analizi, 2012 - 2014

GEZER U., Project Supported by Higher Education Institutions, Genotoksik stres varlığında miR-34 ifadesinin incelenmesi, 2012 - 2014

GEZER U., Project Supported by Higher Education Institutions, DNA Hasarı Oluşturulan Hücrelerde Uzun Kodlanmayan RNA Analizi, 2012 - 2014

GEZER U., Project Supported by Higher Education Institutions, Prostat Kanseri Hastaların Plazmalarında mikroRNA-141 Molekülünün Klinik Yararlılığının Araştırılması, 2012 - 2014

GEZER U., Project Supported by Higher Education Institutions, Plazmada RNA bütünlüğünün incelenmesi, 2011 - 2014

GEZER U., Project Supported by Higher Education Institutions, Kan Plazmasında Histon Metillenme Değişimlerinin Kolorektal Kanseri Öneminin Araştırılması, 2011 - 2013

GEZER U., Project Supported by Higher Education Institutions, High-throughput sequencing of H3K9me3- and H4K20me3-associated circulating nucleosomal DNA, 2012 - 2012

GEZER U., Project Supported by Higher Education Institutions, Meme Kanseri Hastaların Plazmalarında mikroRNA Analizi, 2011 - 2012

GEZER U., Project Supported by Higher Education Institutions, Genotoksik stres ilişkili apoptozda miR-34 mikroRNA gen ailesi ve caveolin-1 gen ifadelerinin incelenmesi, 2011 - 2012

GEZER U., Project Supported by Higher Education Institutions, DNA Hasarı Oluşum Sürecinde Uzun Kodlanmayan RNA'ların İncelenmesi, 2011 - 2012

GEZER U., Project Supported by Higher Education Institutions, Characterization of H3K9me3- and H4K20me3-associated Circulating Nucleosomal DNA by High-Throughput Sequencing in Colorectal Cancer, 2011 - 2011

GEZER U., Project Supported by Higher Education Institutions, Kolorektal Kanseri Hastaların Plazmalarında Histon Metillenme Analizi, 2010 - 2011

GEZER U., Project Supported by Higher Education Institutions, Anti-Kanser Ajan Bleomisin Yol Açtığı Genotoksik Stres ve Apoptozda DNA Metillenme ve mikroRNA Analizi, 2009 - 2011

GEZER U., Project Supported by Higher Education Institutions, Kan Plazmasında Histon Metillenme Düzeylerinin Optimize Edilmesi, 2009 - 2011

GEZER U., Project Supported by Higher Education Institutions, Metastatik Prostat Kanseri Hastaların Plazmalarında mikroRNA Analizi, 2009 - 2011

GEZER U., Project Supported by Higher Education Institutions, Kolon Kanseri Hastaların Plazmalarında Histon Metilasyon Analizi, 2008 - 2011

GEZER U., Project Supported by Higher Education Institutions, p16INK4A ve p14ARF Tümör Baskılayıcı Genlerin Promotör Bölgelerine RNA Müdahalesi Transkripsiyonel Gen Baskılanmasına Yol Açıyor mu?, 2008 - 2011

GEZER U., Project Supported by Higher Education Institutions, HISTON MODIFICATIONS IN CIRCULATING NUCLEOSOMES AS POTENTIAL BIOMARKER IN CANCER, 2010 - 2010

GEZER U., Project Supported by Higher Education Institutions, H3K9me3/H4K20me3 ratio on circulating nucleosomes as potential biomarker for colorectal cancer, 2009 - 2009

GEZER U., Project Supported by Higher Education Institutions, Serum/Plazmada Histon Modifikasyonlarının Kansere Özgüllüğünün Araştırılması, 2008 - 2009

GEZER U., Project Supported by Higher Education Institutions, Kanserli Hastaların Plazmalarında Nükleozomal DNA ile Serbest DNA Bütünlüğü Arasındaki İlişkinin İncelenmesi, 2008 - 2009

GEZER U., Project Supported by Higher Education Institutions, Kan Plazmasında Serbest DNA Miktarı PCR'da Çoğaltılan Fragment Büyüklüğüne Göre Değişiyor mu?, 2008 - 2009

GEZER U., Project Supported by Higher Education Institutions, Kanserli Hastaların Serumlarında Serbest DNA Bütünlüğünün Kantitatif Real-Time PCR ile İncelenmesi, 2007 - 2009

GEZER U., Project Supported by Higher Education Institutions, LightCyCler PCR Yöntemi ile Kantitatif Metilasyon Analizinde Floresan Prob ve SYBR Green Yaklaşımlarının Karşılaştırılması, 2007 - 2009

## **Memberships / Tasks in Scientific Organizations**

Tıbbi Biyoloji ve Genetik derneği, Member, 2009 - Continues

## **Scientific Refereeing**

TUBITAK Project, September 2015

Clinical Genetics, National Scientific Refreed Journal, August 2015

TUBITAK Project, May 2015

Tumor Biology, SCI Journal, April 2015

Clinica Chimica Acta, SCI Journal, March 2013

Clinical Biochemistry, SCI Journal, March 2013

Tumor Biology, SCI Journal, February 2013

Tumor Biology, SCI Journal, December 2012

Clinica Chimica Acta, SCI Journal, July 2012

Clinica Chimica Acta, SCI Journal, May 2012

Clinical Biochemistry, SCI Journal, April 2012

Clinica Chimica Acta, SCI Journal, February 2012

Clinica Chimica Acta, SCI Journal, January 2012

Clinica Chimica Acta, SCI Journal, June 2011

BMC Cancer, SCI Journal, February 2011

## **Scientific Consultations**

TÜBİTAK, Project Consultancy, Istanbul University, Onkoloji Enstitüsü, Onkoloji, Turkey, 2013 - 2015

PADOVA Üniversitesi, Project Consultancy, Istanbul University, Onkoloji Enstitüsü, Onkoloji, Turkey, 2012 - 2015

TÜBİTAK, Project Consultancy, Istanbul University, Onkoloji Enstitüsü, Onkoloji, Turkey, 2010 - 2015

## **Metrics**

Publication: 151

Citation (WoS): 1973

Citation (Scopus): 2090

H-Index (WoS): 23

H-Index (Scopus): 23

### **Congress and Symposium Activities**

Circulating nucleic acids in serum and plasma, Attendee, Berlin, Germany, 2015

Congress of Anticancer Research, Attendee, Thessaloniki, Greece, 2014

41h Congress of International Society of Oncology and Biomarkers, Attendee, Barcelona, Spain, 2014

. 40th Congress of International Society of Oncology and Biomarkers, Attendee, Yerushalayim, Israel, 2012

7th International Conference on Circulating Nucleic Acids in Plasma and Serum, Attendee, Madrid, Spain, 2011

38th Congress of International Society of Oncology and Biomarkers, Attendee, München, Germany, 2010

6th International Conference on Circulating Nucleic Acids in Plasma and Serum, Attendee, Hong Kong, 2009

AACR Annual Meeting, Attendee, Colorado, United States Of America, 2009

Symposium on Circulating Nucleic Acids in Plasma Serum-V, Attendee, Moskva, Russia, 2007

### **Non Academic Experience**

İstanbul Üniveristesi

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