

## Assoc. Prof. TLİN ÖZKAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAQ-2953-2020

ScopusID: 41461701300

Yoksis Researcher ID: 115965

### Education Information

Doctorate, Ankara University, Biyoteknoloji Enstits, Temel Biyoteknoloji (Dr), Turkey 2006 - 2013

Postgraduate, Ankara University, Biyoteknoloji Enstits, Temel Biyoteknoloji (Yl) (Tezli), Turkey 2003 - 2006

Undergraduate, Ankara University, Fen Fakltesi, Biyoloji Blm, Turkey 1998 - 2002

### Dissertations

Doctorate, Akut myeloid lsemide beta katenin proteininin dzenledięi genlerin genom ebadında incelenmesi ve olası ila hedeflerinin belirlenmesi, Ankara University, Biyoteknoloji Enstits, Temel Biyoteknoloji (Dr), 2013

Postgraduate, Agrolistik yntemi ile korunga (Onobrychis viciifolia Scop.) kotiledonlarına b-glukuronidaz (Gus) geni aktarımı, Ankara University, Biyoteknoloji Enstits, Temel Biyoteknoloji (Yl) (Tezli), 2006

### Research Areas

Health Sciences, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Ankara University, Tıp Fakltesi, Temel Tıp Bilimleri Blm, 2023 - Continues

Research Assistant PhD, Ankara University, Tıp Fakltesi, Temel Tıp Bilimleri Blm, 2009 - Continues

### Courses

MED128 Introduction to Medical Science and Healthy Life, Undergraduate, 2022 - 2023

Tıp 105 Vcut Yapı ve İřlev Bilgisi, Undergraduate, 2022 - 2023

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

1. Inhibition of O6-methylguanine-DNA-methyltransferase (MGMT) by lomeguatrib reduces multiple

**myeloma cell viability and impairs DNA repair in MGMT-proficient cells**

AKÇORA YILDIZ D., ÖZKAN T., ÇETİNTAV B., Yukselten Y., Calis S., Sevim-Nalkiran H., Turkel N., Gunduz M., Ozen M., BEKSAÇ M., et al.

CHEMICAL BIOLOGY & DRUG DESIGN, no.2, 2024 (SCI-Expanded)

- II. **Identification of common genes and pathways underlying imatinib and nilotinib treatment in CML: a Bioinformatics Study**  
Hekmatshoar Y., Rahbar Saadat Y., ÖZKAN T., BOZKURT S., KARADAĞ GÜREL A.  
NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS, 2023 (SCI-Expanded)
- III. **Some 2-[4-(1H-benzimidazol-1-yl) phenyl]-1H-benzimidazole derivatives overcome imatinib resistance by induction of apoptosis and reduction of P-glycoprotein activity**  
Hekmatshoar Y., Ozkan T., Alp M., Gurkan-Alp A. S., Sunguroglu A.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.102, no.6, pp.1521-1533, 2023 (SCI-Expanded)
- IV. **The evaluation of the anti-cancer effects of Anoctochilus roxburghii on hematological cancers in vitro**  
ALTINOK GÜNEŞ B., ÖZKAN T., Gonulkirmaz N., SUNGUROĞLU A.  
MEDICAL ONCOLOGY, no.1, 2023 (SCI-Expanded)
- V. **Phenotypic and functional characterization of subpopulation of Imatinib resistant chronic myeloid leukemia cell line**  
Hekmatshoar Y., Karadag Gurel A., ÖZKAN T., Rahbar Saadat Y., KOÇ A., KARABAY A. Z., Bozkurt S., SUNGUROĞLU A.  
Advances in Medical Sciences, vol.68, no.2, pp.238-248, 2023 (SCI-Expanded)
- VI. **The Role of Parkin in Rat Pancreatic Beta Cells Fate**  
Verdi H., Baysan Cebi H. P., Yilmaz Yalcin Y., ÖZKAN T., Akcil Ok M., SUNGUROĞLU A., Atac F. B.  
Cellular and molecular biology (Noisy-le-Grand, France), vol.69, no.8, pp.57-67, 2023 (SCI-Expanded)
- VII. **HIV-1 integrase inhibitor raltegravir promotes DNA damage-induced apoptosis in multiple myeloma**  
Akcora-Yildiz D., GÖNÜLKIRMAZ N., ÖZKAN T., BEKSAÇ M., SUNGUROĞLU A.  
Chemical Biology and Drug Design, vol.102, no.2, pp.262-270, 2023 (SCI-Expanded)
- VIII. **Co-Culture of Cryopreserved Healthy Sertoli Cells with Testicular Tissue of Non-Obstructive Azoospermia (NOA) Patients in Culture Media Containing Follicle-Stimulating Hormone (FSH)/Testosterone Has No Advantage in Germ Cell Maturation**  
AYDOS O. S., Yukselten Y., ÖZKAN T., Ozkavukcu S., Tuten Erdogan M., SUNGUROĞLU A., AYDOS K.  
Journal of Clinical Medicine, vol.12, no.3, 2023 (SCI-Expanded)
- IX. **Werner helicase is required for proliferation and DNA damage repair in multiple myeloma**  
Akcora-Yildiz D., ÖZKAN T., Ozen M., Gunduz M., SUNGUROĞLU A., BEKSAÇ M.  
Molecular Biology Reports, vol.50, no.2, pp.1565-1573, 2023 (SCI-Expanded)
- X. **Downregulation of Stearoyl-CoA Desaturase 1 (SCD-1) Promotes Resistance to Imatinib in Chronic Myeloid Leukemia**  
ALTINOK GÜNEŞ B., Hekmatshoar Y., ÖZKAN T., BOZKURT S., AYDOS O. S., Buyukasik Y., ALADAĞ KARAKULAK E., SUNGUROĞLU A.  
MEDITERRANEAN JOURNAL OF HEMATOLOGY AND INFECTIOUS DISEASES, vol.15, 2023 (SCI-Expanded)
- XI. **Fluorescence labelled XT5 modified nano-capsules enable highly sensitive myeloma cells detection**  
Dizaji A. N., Kohneshahri M. Y., Gafil S., MUHAMMED M. T., ÖZKAN T., Inci I., UZUN C., Yalcin E. A.  
NANOTECHNOLOGY, vol.33, no.26, 2022 (SCI-Expanded)
- XII. **Assessment of azithromycin as an anticancer agent for treatment of imatinib sensitive and resistant CML cells**  
Özkan T., Hekmatshoar Y., Karabay A. Z., Koç A., Altınok Güneş B., Gurel A. K., Sunguroğlu A.  
LEUKEMIA RESEARCH, vol.102, 2021 (SCI-Expanded)
- XIII. **Cytotoxic effect of 6-Shogaol in Imatinib sensitive and resistant K562 cells**  
ÖZKAN T., Hekmatshoar Y., Pamuk H., Ozcan M., Yaman G., Yagiz G. C., Akdemir C., SUNGUROĞLU A.  
MOLECULAR BIOLOGY REPORTS, vol.48, no.2, pp.1625-1631, 2021 (SCI-Expanded)
- XIV. **Methods for simultaneous and quantitative isolation of mitochondrial DNA, nuclear DNA and RNA from mammalian cells**

Nakhle J., Ozkan T., Lnenickova K., Briolotti P., Vignais M.

BIOTECHNIQUES, vol.69, no.6, 2020 (SCI-Expanded)

- XV. **The impact of tumor and gut microbiotas on cancer therapy: Beneficial or detrimental?**  
Hekmatshoar Y., Saadat Y. R., Khatibi S. M. H., ÖZKAN T., Vahed F. Z., Nariman-Saleh-Fam Z., Gargari B. P., SUNGUROĞLU A., Vahed S. Z.  
LIFE SCIENCES, vol.233, 2019 (SCI-Expanded)
- XVI. **Expressions of homeobox, collagen and estrogen genes in women with uterine prolapse**  
DÖKMECİ F., TEKŞEN A. F., ÇETİNKAYA Ş. E., ÖZKAN T., Kaplan F., Kose K.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, pp.26-29, 2019 (SCI-Expanded)
- XVII. **Expression analysis of Akirin-2, NF kappa B-p65 and beta-catenin proteins in imatinib resistance of chronic myeloid leukemia**  
Karabay A. Z., Koç A., Özkan T., Hekmatshoar Y., Altınok Güneş B., Sunguroğlu A., Buyukbingol Z., Atalay A., Aktan F.  
HEMATOLOGY, vol.23, no.10, pp.765-770, 2018 (SCI-Expanded)
- XVIII. **Novel effect of azithromycin in imatinib-resistant CML cells**  
ÖZKAN T., Hekmatshoar Y., Karabay A. Z., SUNGUROĞLU A.  
FEBS OPEN BIO, vol.8, pp.346, 2018 (SCI-Expanded)
- XIX. **Fusion and reprogramming of human cardiomyocytes with human mesenchymal stem cells**  
Karadag A., ÖZKAN T., SUNGUROĞLU A.  
FEBS OPEN BIO, vol.8, pp.155-156, 2018 (SCI-Expanded)
- XX. **Modulation of ER stress related genes by MSM in HCT-116 colon cancer cells**  
Hekmatshoar Y., ÖZKAN T., Karabay A. Z., Koc A., SUNGUROĞLU A.  
FEBS OPEN BIO, vol.8, pp.346-347, 2018 (SCI-Expanded)
- XXI. **Incomplete Antibodies May Reduce ABO Cross-Match Incompatibility: A Pilot Study**  
Ozen M., Yilmaz S., ÖZKAN T., Ozer Y., Pekel A. A., SUNGUROĞLU A., GÜRMAN G., ARSLAN Ö.  
TURKISH JOURNAL OF HEMATOLOGY, vol.35, no.1, pp.54-60, 2018 (SCI-Expanded)
- XXII. **Determination of the Apoptotic Effect and Molecular Docking of Benzamide Derivative XT5 in K562 Cells**  
ÖZKAN T., Hekmatshoar Y., ERTAN BOLELLİ T., Hidavat A. N., Beksac M., Aki-Yalcin E., Yalcin I., SUNGUROĞLU A.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1521-1530, 2018 (SCI-Expanded)
- XXIII. **Genetic Polymorphisms in PRM1, PRM2, and YBX2 Genes are Associated with Male Factor Infertility**  
AYDOS O. S., Hekmatshoar Y., ALTINOK GÜNEŞ B., ÖZKAN T., Sakiragaoglu O., Karadag A., Kaplan F., ILGAZ N. S., Taspinar M., Yukselen I., et al.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.22, no.1, pp.55-61, 2018 (SCI-Expanded)
- XXIV. **Characterization of imatinib-resistant K562 cell line displaying resistance mechanisms**  
Hekmatshoar Y., ÖZKAN T., ALTINOK GÜNEŞ B., Bozkurt S., Karadag A., KARABAY A. Z., SUNGUROĞLU A.  
CELLULAR AND MOLECULAR BIOLOGY, vol.64, no.6, pp.23-30, 2018 (SCI-Expanded)
- XXV. **Apoptotic Effects of Some Tetrahydronaphthalene Derivatives on K562 Human Chronic Myelogenous Leukemia Cell Line**  
KOÇ A., ÖZKAN T., Hekmatshoar Y., Gurkan-Alp A. S., AKTAN F., Buyukbingol Z., SUNGUROĞLU A., Buyukbingol E., KARABAY A. Z.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.14, pp.1924-1930, 2017 (SCI-Expanded)
- XXVI. **Methylsulfonylmethane Induces p53 Independent Apoptosis in HCT-116 Colon Cancer Cells**  
KARABAY A. Z., KOÇ A., ÖZKAN T., Hekmatshoar Y., SUNGUROĞLU A., AKTAN F., Buyukbingol Z.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.17, no.7, 2016 (SCI-Expanded)
- XXVII. **The role of the collagen type 1 alpha 1 gene polymorphism in the prediction of osteoporosis and fracture risk in Turkish postmenopausal women Türk postmenopozal kadınlarda osteoporoz ve kırık riskinin öngörülmesinde kollajen tip 1 alfa 1 gen polimorfizminin rolü**  
Saban I., GÖK H., Aydos S., Karadag A., ÖZKAN T., Yalcin P., SUNGUROĞLU A.  
Türkiye Fiziksel Tıp ve Rehabilitasyon Dergisi, vol.62, no.1, pp.1-8, 2016 (SCI-Expanded)
- XXVIII. **Investigation of DNA damage in bone marrow cells exposed to mobile phone radiation and**

**protective roles of *Arthrospira platensis***

Aydos S., ÖZKAN T., Yukselten Y., SUNGUROĞLU A.

ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)

- XXIX. **Association of MDR1 C3435T and C1236T single nucleotide polymorphisms with male factor infertility**  
Aydos S. E., Karadag A., ÖZKAN T., Altinok B., Bunsuz M., Heidargholizadeh S., AYDOS K., SUNGUROĞLU A.  
Genetics and Molecular Research, vol.14, no.2, pp.6330-6339, 2015 (SCI-Expanded)
- XXX. **Synthesis and anticancer effects of some novel 2-(4-phenoxyphenyl)-1H-benzimidazole derivatives on K562 cell line**  
Gurkan-Alp A. S., GÖKER A. H., ALP M., ÖZKAN T., SUNGUROĞLU A.  
ARCHIVES OF PHARMACAL RESEARCH, vol.38, no.5, pp.650-658, 2015 (SCI-Expanded)
- XXXI. **Synthesis and antiproliferative evaluation of novel 5-(4-methylpiperazin-1-yl)-2-phenyl-1H-benzimidazole derivatives**  
ALP M., Gurkan-Alp A. S., ÖZKAN T., SUNGUROĞLU A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.70, no.3-4, pp.79-85, 2015 (SCI-Expanded)
- XXXII. **Methylation analysis of the DAPK1 gene in imatinib-resistant chronic myeloid leukemia patients**  
Celik S., Akcora D., ÖZKAN T., Varol N., Aydos S., SUNGUROĞLU A.  
Oncology Letters, vol.9, no.1, pp.399-404, 2015 (SCI-Expanded)
- XXXIII. **Endometriosis of episiotomy scar: a case report**  
Mihmanli V., ÖZKAN T., Genc S., Cetinkaya N., Uctas H.  
CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.42, no.4, pp.543-544, 2015 (SCI-Expanded)
- XXXIV. **Synthesis and cytotoxic evaluation of novel N-substituted amidino-1-hydroxybenzimidazole derivatives**  
ALP M., GÖKER A. H., ÖZKAN T., SUNGUROĞLU A.  
ARCHIVES OF PHARMACAL RESEARCH, vol.37, no.5, pp.580-587, 2014 (SCI-Expanded)
- XXXV. **Peripheral blood mononuclear cell microchimerism in Turkish female patients with systemic sclerosis**  
Sahin A., ÖZKAN T., Turkcapar N., KÜÇÜKŞAHİN O., KÖKSOY E. B., Ozturk G., Erten S., SUNGUROĞLU A., Turgay M., KINIKLI G.  
MODERN RHEUMATOLOGY, vol.24, no.1, pp.97-105, 2014 (SCI-Expanded)
- XXXVI. **The roles of epigenetic modifications of proapoptotic BID and BIM genes in imatinib-resistant chronic myeloid leukemia cells**  
Bozkurt S., ÖZKAN T., ÖZMEN F., Baran Y., SUNGUROĞLU A., Kansu E.  
HEMATOLOGY, vol.18, no.4, pp.217-223, 2013 (SCI-Expanded)
- XXXVII. **Effect of lomeguatrib-temozolomide combination on MGMT promoter methylation and expression in primary glioblastoma tumor cells**  
Taspinar M., ILGAZ N. S., Ozdemir M., ÖZKAN T., Oztuna D., CANPINAR H., Rey J. A., SUNGUROĞLU A., Castresana J. S., UĞUR H. Ç.  
TUMOR BIOLOGY, no.3, pp.1935-1947, 2013 (SCI-Expanded)
- XXXVIII. **Effect of L-carnitine on the synthesis of nitric oxide in RAW 264•7 murine macrophage cell line**  
Koc A., ÖZKAN T., Karabay A. Z., SUNGUROĞLU A., Aktan F.  
CELL BIOCHEMISTRY AND FUNCTION, no.8, pp.679-685, 2011 (SCI-Expanded)
- XXXIX. **Antiproliferative, apoptotic and antioxidant activities of wheatgrass (*Triticum aestivum* L.) extract on CML (K562) cell line**  
Aydos O. S., Avci A., Özkan T., Karadag A., Gurleyik E., Altinok Güneş B., Sunguroğlu A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.4, pp.657-663, 2011 (SCI-Expanded)
- XL. **WHEATGRASS JUICE REDUCES NITRIC OXIDE PRODUCTION IN LPS INDUCED RAW 264.7 CELLS**  
Aydos S., ÖZKAN T., KARABAY A. Z., KOÇ A., Karadag A., ALTINOK GÜNEŞ B., SUNGUROĞLU A.  
IUBMB LIFE, vol.61, no.3, pp.376, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evidence for Health-Promoting Properties of *Lepidium sativum* L.: An Updated Comprehensive Review**  
Hekmatshoar Y., ÖZKAN T., Rahbar Saadat Y.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.19, no.6, pp.714-723, 2022 (ESCI)
- II. **AN INVESTIGATION ON THE EFFECTS OF SIRT5 MODULATORS ON SIRT5 AND CYTOCHROME C PROTEIN EXPRESSIONS IN K562 CHRONIC MYELOID LEUKEMIA CELL LINE K562 KRONİK MİYELOİD LÖSEMİ HÜCRE HATTINDA SIRT5 MODÜLATÖRLERİNİN SIRT5 VE SİTOKROM C PROTEİN EKSPRESYONLARI ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI**  
ÖZKAN T., KOÇ A., KARABAY A. Z., Hekmatshoar Y., SUNGUROĞLU A.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.3, pp.805-816, 2022 (Scopus)
- III. **Time and Concentration Dependent Effects of Different Solvents on Proliferation of K562, HL60, HCT-116 and H929 Cell Lines**  
KOÇ A., KARABAY A. Z., ÖZKAN T., Büyükbingöl Z., AKTAN F.  
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.3, pp.494-501, 2022 (ESCI)
- IV. **Imatinib Mesylate induces apoptosis in chronic myeloid leukemia cells by triggering nitric oxide production**  
Karadağ Gürel A., Özkan T., Altınok Güneş B., Sunguroğlu A., Aktan F.  
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.12, pp.667-671, 2021 (ESCI)
- V. **The Expression Levels of Klotho, Endothelial Nitrite Oxide Synthetase and Catalase Genes of the Heart Tissues of Young and Old Rats**  
TEKŞEN A. F., ÖZKAN T., Hekmatshoar Y., TURAN B.  
Journal of Ankara University Faculty of Medicine, vol.73, no.3, pp.197-202, 2020 (Peer-Reviewed Journal)
- VI. **beta-catenin mutations in acute myeloid leukemia**  
ALTINOK GÜNEŞ B., ÖZKAN T., Gurel A. K., Hekmatshoar Y., BEKSAÇ M., SUNGUROĞLU A.  
EGYPTIAN JOURNAL OF HAEMATOLOGY, vol.45, no.2, pp.105-110, 2020 (ESCI)
- VII. **β-catenin mutations in acute myeloid leukemia**  
Altınok Güneş B., Özkan T., Karadağ Gürel A., Hekmatshoar Y., Beksaç M., Sunguroğlu A.  
The Egyptian Journal of Haematology, vol.45, no.2, pp.105, 2020 (ESCI)
- VIII. **Kemik İliği Stroması: Hücreleri ve Mikroçevresi**  
Karadağ A., Altınok B., Özkan T., Hekmatshoar Y.  
Ankara Sağlık Hizmetleri Dergisi, vol.16, no.2, pp.52-62, 2017 (Peer-Reviewed Journal)
- IX. **Akut miyeloid lösemide akirin2 geninin ifadesi**  
ÖZKAN T., ALTINOK GÜNEŞ B., KARADAĞ A., KARABAY A. Z., hekmatshoar y., SAYINALP N.  
Ankara Sağlık Hizmetleri Dergisi, vol.15, no.1, pp.19-23, 2016 (Peer-Reviewed Journal)
- X. **L-Karnitin ve alfa-lipoik asitin, HCT 116 / ve -/- kolon kanser hücre serilerinin proliferasyonu üzerindeki sinerjetik etkileri**  
KOÇ A., KARABAY A. Z., ÖZKAN T., BÜYÜKBİNGÖL Z., SUNGUROĞLU A., AKTAN F.  
Ankara Sağlık Hizmetleri Dergisi, vol.15, no.2, pp.1-8, 2016 (Peer-Reviewed Journal)
- XI. **Effects of glucosamine on LPS/IFN-γ induced RAW 264.7 macrophage apoptosis**  
KARABAY A. Z., KOÇ A., ÖZKAN T., SUNGUROĞLU A., AKTAN F., BÜYÜKBİNGÖL Z.  
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.65, no.1, pp.11-18, 2012 (Peer-Reviewed Journal)
- XII. **Effect of taurine on hydrogen peroxide production in lipopolysaccharide induced RAW 264.7 macrophages**  
KARABAY A. Z., KOÇ A., ÖZKAN T., BÜYÜKBİNGÖL Z., SUNGUROĞLU A.  
FABAD J Pharm Sci, vol.33, no.4, pp.187-192, 2011 (Scopus)
- XIII. **Effect of taurine on hydrogen peroxide production in lipopolisaccharide induced RAW 264.7 macrophage cells**  
KARABAY A. Z., KOÇ A., ÖZKAN T., Büyükbingöl Z., SUNGUROĞLU A., AKTAN F.  
Fabad Journal of Pharmaceutical Sciences, vol.33, no.4, pp.187-192, 2008 (Scopus)

## Books & Book Chapters

### I. Inheritance of Pelvic Organ Prolapse

Tekşen A. F., Dökmeci F., Özkan T., Çetinkaya Ş. E., Kaplan F.

in: Insights Into Incontinence and the Pelvic Floor , Fulya Dökmeci,Diaa E.E. Rizk, Editor, Springer, London/Berlin , Basel, pp.83-90, 2022

## Refereed Congress / Symposium Publications in Proceedings

### I. A New Approach in NOA Treatment: Mesenchymal Stem Cell Isolation for the Use of Mesenchymal Stem Cells of Testis Origin

Tiryaki M., Aydos O. S., Farhangzad N., Özkan T., Sunguroğlu A., Aydos K.

2. Tüp Bebek ve İnfertilite Derneği Kongresi, Girne, Cyprus (Kktc), 28 September - 01 October 2023

### II. In vitro Effects of Platelet-Rich Plasma on Spermatogenesis in NOA cases

AYDOS O. S., ZENGİNER ERDOĞAN S., ÖZKAN T., Farhangzad N., SUNGUROĞLU A., AYDOS K.

56th European Society of Human Genetics (ESHG) Hybrid Conference, Glasgow, England, 10 June 2023

### III. Cytotoxic Effect of Ultra-Diluted Homeopathic Remedy “Hecla Lava” on Multiple Myeloma Cells: A Preliminary Study

Güven N., Altınok Güneş B., Kılıç M., Özkan T., Gönülkırılmaz N., Sunguroğlu A.

75th World Congress of Homeopathy, İstanbul, Turkey, 7 - 10 September 2022, pp.38

### IV. Genome-Wide Analysis of Gene Expression Profiles in Cd34+ Cells in Chronic Phase CML

Altınok Güneş B., Özkan T.

UTSAK, Kastamonu, Turkey, 25 - 26 November 2021, pp.161-162

### V. Supplementation of healthy Sertoli cells into culture media containing follicle stimulating hormone (FSH)/testosterone (T) has no advantage in germ cell maturation

AYDOS O. S., YÜKSELTEN Y., ÖZKAN T., ÖZKAVUKCU İ. S., ERDOĞAN M., ERDOĞAN M., SUNGUROĞLU A., AYDOS K.

ESHRE Virtual 37th Annual Meeting, 26 June 2021

### VI. Evaluation of the effects of SIRT5 modulators on the apoptosis of K562 cells and and SIRT5 and cytochrome c proteins

KOÇ A., ÖZKAN T.

13th International Symposium on Pharmaceutical Sciences, Turkey, 22 June 2021

### VII. Role of exosomal miRNAs in imatinib resistance of chronic myeloid leukemia

KARABAY A. Z., ÖZKAN T., KOÇ A., KARADAĞ GÜREL A., Hekmatshoar Y., SUNGUROĞLU A., AKTAN F.,

BÜYÜKBİNGÖL Z.

13th International Symposium on Pharmaceutical Sciences, Turkey, 22 June 2021

### VIII. Effect of Lipoic Acid Taurine Combination on Activated Raw 264.7 Macrophages

KOÇ A., Yaprak A., ÖZKAN T.

3rd International Hippocrates Congress on Medicinal and Health Sciences, Ankara, Turkey, 06 March 2020

### IX. The methylation and expression analysis of MLH1, MSH2 genes in male infertility

AYDOS O. S., ÖZKAN T., Hekmatshoar Y., ILGAZ N. S., SUNGUROĞLU A., AYDOS K.

10th European Congress of Andrology, ECA 2018, Budapest, Hungary, 11 - 13 October 2018

### X. Novel effect of azithromycin in imatinib-resistant CML cells

ÖZKAN T., hekmashoar y., KARABAY A. Z., SUNGUROĞLU A.

43rd FEBS Congress, 7 - 12 July 2018

### XI. Modulation of ER stress related genes by MSM in HCT-116 colon cancer cells

hekmashoar y., ÖZKAN T., KARABAY A. Z., KOÇ A., SUNGUROĞLU A.

43rd FEBS Congress, 7 - 12 July 2018

### XII. Analysis of Genes in CML Etiology and Drug Resistance

ALTINOK GÜNEŞ B., ÖZKAN T., Hekmatshoar Y., BOZKURT S., BÜYÜKAŞIK Y., SUNGUROĞLU A., AYDOS O. S.

6th International Congress of the Molecular Biology Association of Turkey, 5 - 08 September 2018

- XIII. **EVALUATION OF CD33 LEVELS IN ALZHEIMER'S DISEASE: A PRELIMINARY STUDY**  
PERK B. Ö., ÖZKAN T., GÜVEN N. M., SUNGUROĞLU A., EKE B.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- XIV. **Modulation of ER stress related genes by MSM in HCT-116 colon cancer cells**  
Hekmatshoar Y., ÖZKAN T., KARABAY A. Z., KOÇ A., SUNGUROĞLU A.  
3rd FEBS congress, 07 July 2018 - 12 July 2019, vol.8, pp.346-347
- XV. **Yüksek Dereceli Glial Tümör ve Serum Örneklerinde CD24, CD44, VEGFa ve MGMT İfade Düzeylerinin Prognostik Biyobelirteç Amacıyla Kullanılabilirliğinin Laboratuvar ve Klinik Yansımaları.**  
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