

Asst. Prof. Çağrı ÇAKICI

Personal Information

Email: ccakici@medipol.edu.tr

Web: <https://avesis.medipol.edu.tr/ccakici>

International Researcher IDs

ScholarID: 1mmAl80AAAAJ

ORCID: 0000-0002-8662-5284

Publons / Web Of Science ResearcherID: AAA-1638-2020

ScopusID: 57200638984

Yoksis Researcher ID: 313179

Education Information

Doctorate, Istanbul Medipol University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2016 - 2021

Postgraduate, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 2014 - 2016

Undergraduate, Trakya University, Fen Fakültesi, Kimya Bölümü, Turkey 2008 - 2012

Dissertations

Doctorate, Deneysel prostat kanserinde tümör metabolizmasının laktat dehidrojenaz ilişkili değişiminin apoptoz ve epitelyal mezenkimal dönüşüm (EMT) üzerindeki rolü, Istanbul Medipol University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021

Postgraduate, 1,25(OH)2D3 vitaminin apoptoz ve oksidatif stres üzerine doza bağlı etkileri, Istanbul Medipol University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **LDH-A Inhibitor as a Remedy to Potentiate the Anticancer Effect of Docetaxel in Prostate Cancer.**
Cakici Ç., Daylan B., Unluer R. S., Emekli-Alturfan E., Ayla S., Gozel H. E., Yigit P., Dokgoz E. Y., Yigitbasi T.
Journal of Cancer, vol.15, no.3, pp.590-602, 2024 (SCI-Expanded)
- II. **The effect of low-level laser therapy on the oxidative stress level and quality of life in patients with Hashimoto's thyroiditis**
TUNÇ S., ALTUNTAŞ Ş. L., ATMACA M., ÇAKICI Ç., YİĞİTBAŞI T., Liou Y., Chang W.
Free Radical Research, vol.58, no.4, pp.249-260, 2024 (SCI-Expanded)
- III. **Effects of omega fatty acids on the short-term postprandial satiety related peptides in rats**
Guldemir H. H., BÜYÜKUSLU N., YİĞİT P., ÇAKICI Ç., Ozdemir E. M.
International Journal for Vitamin and Nutrition Research, vol.93, no.5, pp.401-409, 2023 (SCI-Expanded)
- IV. **The Relationship between Zonulin and Metabolic Syndrome in Renal Transplant Patients.**
Erkan G., ŞUMNU A., Ertugrul G., ÜLFER G., ÇAKICI Ç., AYDIN H. Ç., ÜNAL A.
Clinical laboratory, vol.69, no.1, 2023 (SCI-Expanded)
- V. **The Effects of Various Surface Coatings of Gold Nanorods on Toxicity, Neuronal Localization, Microstructural Alterations, and In vitro/In vivo Biodistribution**
ÖZÇİÇEK İ., AYŞİT N., ÇAKICI Ç., Ayturk N. U., Aydeger A., ERİM Ü. C.

Advanced Materials Interfaces, vol.9, no.3, 2022 (SCI-Expanded)

- VI. **The effects of surface functionality and size of gold nanoparticles on neuronal toxicity, apoptosis, ROS production and cellular/suborgan biodistribution**
ÖZÇİÇEK İ., AYSİT N., ÇAKICI Ç., Aydeger A.
Materials Science and Engineering C, vol.128, 2021 (SCI-Expanded)
- VII. **Chronic unpredictable stress disturbs the blood–testis barrier affecting sperm parameters in mice**
KOLBAŞI B., Bulbul M. V., KARABULUT S., Altun C. E., ÇAKICI Ç., ÜLFER G., Mudok T., KESKİN İ.
Reproductive BioMedicine Online, vol.42, no.5, pp.983-995, 2021 (SCI-Expanded)
- VIII. **The role of makorin ring finger protein-3, kisspeptin, and neurokinin B in the physiology of minipuberty**
ATAY Z., ATAY E., Kılınç S., ÜLFER G., YİĞİTBAŞI T., ÇAKICI Ç., Turan M., CERAN Ö.
Journal of Pediatric Endocrinology and Metabolism, vol.34, no.3, pp.325-332, 2021 (SCI-Expanded)
- IX. **The importance of antioxidant status in gastric intestinal metaplasia**
Danis N., Ozkan A. E., Karatas F., ÇAKICI Ç., YİĞİTBAŞI T., Sevcen N. O., Kayhan B.
Journal of Medical Biochemistry, vol.40, no.4, pp.378-383, 2021 (SCI-Expanded)
- X. **Investigation of coenzyme Q10 levels and predisposing factors in patients with striae gravidarum**
Yüksel M., Aktun H., BALEVİ A., ÇAKICI Ç., ÜLFER G.
Journal of Cosmetic Dermatology, vol.19, no.1, pp.241-245, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effects of Hardaliye, a Fermented Grape Drink, on Oxidative Stress, Lipid Profile, and Blood Pressure in Young Soccer Players: A Randomized Controlled Trial**
Atan R. M., ERSOY G., ÇAKICI Ç.
Journal of the American Nutrition Association, vol.43, no.4, pp.356-364, 2024 (Scopus)
- II. **Design of IKVAV peptide/gold nanoparticle decorated, micro/nano-channeled PCL/PLGA film scaffolds for neuronal differentiation and neurite outgrowth**
Aydeger A., Aysit N., Baydaş G., Çakıcı Ç., Erim Ü. C., Arpa M. D., Özçiçek İ.
Biomaterials Advances, vol.152, 2023 (Scopus)
- III. **Large-Scale Proteomic Analysis of Patients with Type 2 Diabetes Mellitus and Atherosclerosis Using a Label-Free LC-MS/MS Approach**
Sürmen M. G., Alkan Bozkaya T., Ateş M. Ş., TURAN S., Cakici C., PENÇE S., EMEKLİ N.
EXPERIMED, vol.13, no.1, pp.26-38, 2023 (Peer-Reviewed Journal)
- IV. **The effects of gold nanoparticles with different surface coatings and sizes on biochemical parameters in mice**
Ozcicek I., Cakici C., Aysit N., ERİM Ü. C.
The European Research Journal, vol.9, no.1, pp.131-139, 2023 (Peer-Reviewed Journal)
- V. **Tissue Factor and Vascular Endothelial Growth Factor in Detecting Thromboembolic Complications in Diabetic Atherosclerotic Patients**
Bozkaya T. A., Ateş Ş., ÜSTÜNDAĞ Ü. V., ÇAKICI Ç., KESKİN İ., YİĞİT P., Yiğitbaşı A., Emekli N.
Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, vol.17, 2023 (ESCI)
- VI. **Could the increase in oxidative stress be the reason for the increased polyamine levels in diabetic obese and non-diabetic obese patients?**
Göktürk N., Şahin H., BAYRAMOĞLU F., ÇAKICI Ç., BÜYÜKUSLU N., YİĞİT P., YİĞİTBAŞI T.
Acta Pharmaceutica Scientia, vol.60, no.3, pp.301-312, 2022 (Scopus)
- VII. **The creation of unilateral intermittent and unintermittent renal ischemia-reperfusion models in rats**
SOYTAŞ M., GÜRSOY D., BOZ M. Y., ÇAKICI Ç., KESKİN İ., YİĞİTBAŞI T., Guven S., HORUZ R., ALBAYRAK S.
Urology Annals, vol.13, no.4, pp.378-383, 2021 (ESCI)
- VIII. **Relationship between interleukin 33 and tissue factor in non-diabetic and diabetic obese patients**
ÇAKICI Ç., YİĞİTBAŞI T., Alagoz M. H., YİĞİT P., Eme-Kli N.

Acta Pharmaceutica Scientia, vol.59, no.4, pp.559-573, 2021 (Scopus)

- IX. **TARGETING THE TUMOR METABOLISM BY OXAMATE POTENTIATES THE IMPACT OF CHEMOTHERAPEUTICS IN COLORECTAL CANCER CELLS**
CALİBASİ-KOCAL G., ÇAKICI C., TOKSOZ F., INANC-SURER S., SEVER T., BASBİNAR Y., YİĞİTBAŞI T.
Journal of Basic and Clinical Health Sciences, vol.5, no.3, pp.205-212, 2021 (ESCI)
- X. **Dose-dependent effects of vitamin 1,25(OH)₂D₃ on oxidative stress and apoptosis**
ÇAKICI Ç., YİĞİTBAŞI T., Ayla S., Karimkhani H., BAYRAMOĞLU F., YİĞİT P., Kilic E., Emekli N.
Journal of Basic and Clinical Physiology and Pharmacology, vol.29, no.3, pp.271-279, 2018 (Scopus)
- XI. **Serum Sialic Acid Levels in Individuals with or without Iron Deficiency Anemia**
ÜLFER G., İSTANBULLU TOSUN A., OLMUŞÇELİK O., YİĞİTBAŞI T., ÇAKICI Ç., BAYRAMOĞLU F., EMEKLİ N.
Clinical and Experimental Health Sciences, vol.7, no.1, pp.11-14, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **In patients with type 2 diabetes; antioxidant minerals and the relationship of oxidative stress and anxiety.**
DEĞER B., ÇAKICI Ç., GÜNGÖR Z. B., TUNÇ T., BÜYÜKUSLU N., DEMİREL M., SELEK Ş., YİĞİTBAŞI T.
Uluslararası Biyokimya Kongresi 2022 // 33. Ulusal Biyokimya Kongresi, İzmir, Turkey, 26 - 30 October 2022
- II. **Development of Gold Nanoparticle Decorated, Micro/Nano-channeled PCL/PLGA Film Scaffolds for Neural Tissue Engineering Applications**
Aydeğer A., Çakıcı Ç., Erim Ü. C., Arpa M. D., Özçiçek İ.
16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, Ankara, Turkey, 05 September 2022
- III. **Can Lactate Dehydrogenase Inhibition be Increased Efficiency of 1,25(OH)₂D₃ Vitamin in Prostate Cancer Animal Model?**
ÇAKICI Ç., Daylan B., AYLA Ş., YİĞİT P., YAVUZ DOKGÖZ E., YİĞİTBAŞI T.
The FASEB Journal Experimental Biology Meeting, 13 May 2022
- IV. **Multiparametric Investigation of Neuronal Effects of Gold Nanorods with Various Surface Coatings**
ÖZÇİÇEK İ., ALTUNCU N., ÇAKICI Ç.
3rd EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 4 - 07 November 2021
- V. **The Effects of Gold Nanorods with Various Surface Modifications on In vivo Toxicity and Biodistribution in Mice**
ÖZÇİÇEK İ., ALTUNCU N., AYDEĞER A., ÇAKICI Ç., AYTÜRK N.
3rd EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 4 - 07 November 2021
- VI. **THIOL/DISULFIDE BALANCE IN ACTIVE ULCERATIVE COLITIS**
ÜLFER G., AKBAŞ E., ÇAKICI Ç.
32. ULUSAL/ULUSLARARASI BİYOKİMYA KONGRESİ, Gaziantep, Turkey, 27 October 2021
- VII. **The effects of size, shape and surface functionality on in vivo biodistribution and toxicity: A multiparametric biochemical study of gold nanomaterials**
ÖZÇİÇEK İ., ALTUNCU N., ÇAKICI Ç., AYDEĞER A.
45th FEBS Congress, 03 July 2021
- VIII. **Effect of Pterostilben and Lactate Dehydrogenase-A inhibitör on Tumor Metabolism in Breast Cancer Cells.**
YAVUZ DOKGÖZ E., ÇAKICI Ç., DAŞKIN E., ÇİMEN Ş., BAŞBİNAR Y., YİĞİTBAŞI T.
8th Multidisciplinary Cancer Research Congress, İstanbul, Turkey, 16 January 2021
- IX. **Improving the effects of chemotherapeutics on colorectal cancer cells by using sodium oxamate**
ÇALIBAŞI KOÇAL G., TOKSÖZ F., ÇAKICI Ç., SEVER T., BAŞBİNAR Y., YİĞİTBAŞI T.
3. International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 6 - 07 March 2020, pp.22-23

- X. **Investigation of neural cellular effects of the functionalized gold nanomaterials by multiparametric analysis**
ÖZÇİÇEK İ., ALTUNCU N., ÇAKICI Ç.
Tıbbi Biyoloji Kongresi, Turkey, 27 October 2019
- XI. **Neural Cellular Effects of the Gold Nanomaterials with Different Surface Functionalities and Physical Properties**
ÖZÇİÇEK İ., ALTUNCU N., ÇAKICI Ç.
2nd Eurasia Biochemical Approaches & Technologies (2.EBAT) Congress, Turkey, 26 October 2019
- XII. **FREQUENCY OF BRCA1/2 AND OTHER GENE VARIATIONS IN PATIENTS WITH BREAST CANCER IN OUR CENTER**
ÇARALAN E. F., SEYHAN S., AYAZ A., ALPSAR BUDAK D., ÇAKICI Ç., YİĞİTBAŞI T.
2. Uluslararası Kanser ve İyon Kanalları Kongresi, 22 September 2019
- XIII. **Short Term Effect of Omega Fatty Acids on Intestinal Satiety Hormones and C-Fos Protein Levels in Hypothalamus**
HIZLI GÜLDEMİR H., BÜYÜKUSLU N., ÇAKICI Ç., YİĞİT P., DİLSİZ P., ÖZDEMİR E. M.
41th Espen Congress, Krakow, Poland, 31 August - 01 September 2019, pp.19
- XIV. **Short term effect of omega fatty acids on intestinal satiety hormones and -Fos protein levels in hypothalamus.**
HIZLI GÜLDEMİR H., BÜYÜKUSLU N., ÇAKICI Ç., YİĞİT P., DİLSİZ P., ÖZDEMİR E. M.
41th Espen Congress, Krakow, Poland, 31 August - 01 September 2019
- XV. **Minipuberte fizyolojisinde Makorin Ring Finger Protein 3 (MKRN3)'ün rolü**
ATAY Z., ATAY E., KILINÇ S., ÜLFER G., YİĞİTBAŞI T., ÇAKICI Ç., Turan M., YİĞİT P., CERAN Ö.
23. Ulusal Pediatrik Endokrinoloji ve Diyabet Kongresi, İstanbul, Turkey, 17 - 21 April 2019
- XVI. **Omega Yağ Asitlerinin Kan Glukoz ve İnsülin Düzeylerine Kısa Süreli Etkisi**
HIZLI GÜLDEMİR H., BÜYÜKUSLU N., ÇAKICI Ç., YİĞİT P., ÖZDEMİR E. M.
3. Uluslararası Sağlık Bilimleri Kongresi, Ankara, Turkey, 27 - 30 November 2018
- XVII. **Omega yağ asitlerinin kan glukoz ve insülin düzeylerine kısa süreli etkisi.**
HIZLI GÜLDEMİR H., BÜYÜKUSLU N., ÇAKICI Ç., YİĞİT P., ÖZDEMİR E. M.
3. Uluslararası Sağlık Bilimleri Kongresi, Ankara, Turkey, 27 November 2018
- XVIII. **Between Serum Leptin Levels And Oxidative/Antioxidative Status In Obese Children**
BAYRAMOĞLU F., ESİN K., ŞANLIER N., ADAL S. E., BATIREL S., ÇAKICI Ç., YİĞİTBAŞI T.
The 16th International Nutrition Diagnostics Conference, PRAG, Czech Republic, 3 - 06 October 2016
- XIX. **Relationship Between Serum Leptin Levels and Oxidative Antioxidative Status in Obese Children**
BAYRAMOĞLU F., ESİN K., ŞANLIER N., ADAL S. E., BATIREL S., ÇAKICI Ç., YIGITBASI T.
16th International nutrition and Diagnostics Conference, 3 - 06 October 2016

Supported Projects

YİĞİT P., ÇAKICI Ç., YİĞİTBAŞI T., Pterostilben ve Laktat Dehidrogenaz İnhibitörünün Kanser Hücre Hatlarında Tümör Metabolizmasına Etkisinin Araştırılması, 2019 - Continues
ÇAKICI Ç., YİĞİTBAŞI T., Deneysel Prostat Kanseri D Vitaminin Doza Bağlı Uygulamalarının Tümör Gelişimi, Apoptoz ve Proliferasyon Üzerine Etkisi, 2019 - Continues
ÇAKICI Ç., YİĞİT P., Deneysel Prostat Kanseri Tümör Metabolizmasının Laktat Dehidrogenaz İlişkili Değişiminin Apoptoz ve Epitelyal Mezenkimal Dönüşüm (EMT) Üzerindeki Rolü, 2019 - 2021
ÇAKICI Ç., 1,25(OH)2D3 vitaminin Apoptoz ve Oksidatif Stres Üzerine Doza Bağlı Etkileri, 2016 - 2018

Metrics

Publication: 40

Citation (Scopus): 53

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