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Education

Doctorate, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey 2006 - 2010

Postgraduate, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, Turkey 2002 - 2006

Undergraduate, Marmara University, Faculty of Pharmacy, Turkey 1998 - 2002

Dissertations

Doctorate, Son dönem böbrek yetersizliği olan hastalarda genetik polimorfizm ve oksidatif stresin rolü, Marmara Üniversitesi, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2010

Postgraduate, Kitozan hidrojellerinin diyabetli hayvan yaralarında kullanılabilirliğinin araştırılması, Marmara Üniversitesi, Faculty of Pharmacy, Pharmaceutical Technology, 2006

Research Areas

Pharmaceutical Toxicology

Academic Positions

Assistant Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2015 - Continues

Research Assistant, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2006 - 2015

Journal articles indexed in SCI, SSCI, and AHCI

I. **Formulation and evaluation of vascular endothelial growth factor loaded polycaprolactone nanoparticles**

KERİMOĞLU O., Ozer-Onder S., ALARÇIN E., KARSLI S.

BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)

II. **Development and characterization of oxaceprol-loaded poly-lactide-co-glycolide nanoparticles for the treatment of osteoarthritis.**

Alarçin E., Demirbağ Ç., Karsli-Ceppioglu S., Kerimoğlu O., Bal-Ozturk A.

Drug development research, vol.81, no.4, pp.501-510, 2020 (SCI-Expanded)

- III. **ASSOCIATION OF GENETIC POLYMORPHISMS IN THE Matrix Gla Protein (MGP) GENE WITH CORONARY ARTERY DISEASE AND SERUM MGP LEVELS**
Karsli-Ceppioglu S, Yazar S, Keskin Y, Karaca M, Lüleci N. E., Yurdun T.
BALKAN JOURNAL OF MEDICAL GENETICS, vol.22, no.2, pp.43-50, 2019 (SCI-Expanded)
- IV. **The epigenetic landscape of promoter genome-wide analysis in breast cancer**
Karsli-Ceppioglu S, Dagdemir A, Judes G, Lebert A, Penault-Llorca F, Bignon Y, Bernard-Gallon D.
Scientific Reports, vol.7, no.1, 2017 (SCI-Expanded)
- V. **Epigenetic Mechanisms in Psychiatric Diseases and Epigenetic Therapy**
Karlı Çeppioglu S.
DRUG DEVELOPMENT RESEARCH, vol.77, no.7, pp.407-413, 2016 (SCI-Expanded)
- VI. **Molecular and epigenetic biomarkers in luminal androgen receptor: A triple negative breast cancer subtype**
Judes G, Dagdemir A, Karsli-Ceppioglu S, Lebert A, Dauplat M, Rifai K, Daures M, Dubois L, Bignon Y, Penault-Llorca F, et al.
OMICS A Journal of Integrative Biology, vol.20, no.10, pp.610-613, 2016 (SCI-Expanded)
- VII. **Epigenetic modifications with DZNep, NaBu and SAHA in luminal and mesenchymal-like breast cancer subtype cells**
Dagdemir A, Judes G, Lebert A, Echegut M, Karsli-Ceppioglu S, Rifai K, Daures M, Ngollo M, Dubois L, Penault-Llorca F, et al.
Cancer Genomics and Proteomics, vol.13, no.4, pp.291-304, 2016 (SCI-Expanded)
- VIII. **H3K4 acetylation, H3K9 acetylation and H3K27 methylation in breast tumor molecular subtypes**
Judes G, Dagdemir A, Karsli-Ceppioglu S, Lebert A, Echegut M, Ngollo M, Bignon Y, Penault-Llorca F, Bernard-Gallon D.
Epigenomics, vol.8, no.7, pp.909-924, 2016 (SCI-Expanded)
- IX. **Genome-Wide DNA Methylation Modified by Soy Phytoestrogens: Role for Epigenetic Therapeutics in Prostate Cancer?**
Karsli-Ceppioglu S, Ngollo M, Adjaky M, Dagdemir A, Judes G, Lebert A, Boiteux J, Penault-Llorca F, Bignon Y, Guy L, et al.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.19, no.4, pp.209-219, 2015 (SCI-Expanded)
- X. **Prostate cancer: The main risk and protective factors-Epigenetic modifications**
Adjaky M, Ngollo M, Dagdemir A, Judes G, Pajon A, Karsli-Ceppioglu S, Penault-Llorca F, Boiteux J, Bignon Y, Guy L, et al.
Annales d'Endocrinologie, vol.76, no.1, pp.25-41, 2015 (SCI-Expanded)
- XI. **The association between Histone 3 Lysine 27 Trimethylation (H3K27me3) and prostate cancer: Relationship with clinicopathological parameters**
Ngollo M, Lebert A, Dagdemir A, Judes G, Karsli-Ceppioglu S, Daures M, Kemeny J, Penault-Llorca F, Boiteux J, Bignon Y, et al.
BMC Cancer, vol.14, no.1, 2014 (SCI-Expanded)
- XII. **Epigenetic mechanisms of breast cancer: an update of the current knowledge**
Karsli-Ceppioglu S, Dagdemir A, Judes G, Ngollo M, Penault-Llorca F, Pajon A, Bignon Y, Bernard-Gallon D.
EPIGENOMICS, vol.6, no.6, pp.651-664, 2014 (SCI-Expanded)
- XIII. **Epigenetic modifications in prostate cancer**
Ngollo M, Dagdemir A, Karsli-Ceppioglu S, Judes G, Pajon A, Penault-Llorca F, Boiteux J, Bignon Y, Guy L, Bernard-Gallon D. J.
EPIGENOMICS, vol.6, no.4, pp.415-426, 2014 (SCI-Expanded)
- XIV. **Assessment of matrix Gla protein, Klotho gene polymorphisms, and oxidative stress in chronic kidney disease**
Karlı Çeppioglu S, Yurdun T, Canbakan M.
Renal Failure, vol.33, no.9, pp.866-874, 2011 (SCI-Expanded)
- XV. **Comparison of genotoxic effect between smokeless tobacco (Maras powder) users and cigarette smokers by the alkaline comet assay**

Sardas S., Cimen B., Karsli S., Yurdun T., Donbak L.

Human and Experimental Toxicology, vol.28, no.4, pp.214-219, 2009 (SCI-Expanded)

XVI. **Detection of Aflatoxin M-1 in Human Breast Milk and Raw Cow's Milk in Istanbul, Turkey**

Keskin Y., Baskaya R., Karlı Çeppioğlu S., Yurdun T., Ozyaral O.

JOURNAL OF FOOD PROTECTION, vol.72, no.4, pp.885-889, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Klotho gene polymorphism as a susceptibility factor for oxidative DNA damage in coronary artery disease**
Karlı S., Yazar S., Karaca M., Yurdun T.
Journal of Research in Pharmacy, vol.27, no.5, pp.2079-2086, 2023 (ESCI)
- II. **Assessment of genotoxic effects of organophosphate and carbamate pesticides by comet assay**
Karlı S., Yazar Ürek S., İncedere Düzdağ E. F., Yurdun T.
Istanbul Journal of Pharmacy, vol.52, no.2, pp.136-142, 2022 (ESCI)
- III. **Clinical management of metformin overdose: A case report**
Çolak Ş., Erdoğan M. Ö., Genç Yavuz B., Akdemir H. U., Karlı Çeppioğlu S., Yurdun T.
JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, vol.34, no.3, pp.203-205, 2017 (Scopus)
- IV. **İnsan Biyolojik Örneklerinde Toksik Metallerin İçeriği**
Yurdun T., Karlı Çeppioğlu S.
Türkiye Klinikleri Adli Toksikoloji Özel Sayısı, vol.1, no.3, pp.48-57, 2015 (Peer-Reviewed Journal)
- V. **Adli Bilimlerde Epigenetik Yeri ve Geleceği**
Karlı Çeppioğlu S., Yurdun T.
Türkiye Klinikleri Adli Toksikoloji Özel Sayısı, vol.1, no.3, pp.38-47, 2015 (Peer-Reviewed Journal)
- VI. **Genotoxicity Assessment of Indigoid Dyes by In Vitro Comet Assay**
Karlı Çeppioğlu S., Yurdun T.
MÜSBED, vol.3, no.2, pp.108-112, 2014 (Peer-Reviewed Journal)
- VII. **Serum Copper and Zinc Status in Obstructive Sleep Apnea Patients**
Akyüz A., Karlı Çeppioğlu S., Yurdun T., Pelin Z.
Turk J Pharm Sci, vol.10, no.3, pp.415-424, 2013 (Peer-Reviewed Journal)
- VIII. **Investigation of Metal Wired Coloured Historical Textile Using Scanning Electron Microscopy and HPLC-DAD**
Yurdun T., Karlı Çeppioğlu S., Oraltay R. G.
Journal of Chemistry and Chemical Engineering, vol.6, pp.591, 2012 (Peer-Reviewed Journal)

Books

- I. **Biocompatibility and toxicity challenges of nanomaterials**
YAŞAYAN G., ALARÇİN E., AVCI ADALI M., Canak Ipek T., Nejati O., ÖZCAN BÜLBÜL E., KARSLI S., BAL ÖZTÜRK A., Mostafavi E.
in: Functionalized Nanomaterials for Cancer Research, Barabadi Hamed, Mostafavi Ebrahim, Mustansar Hussain Chaudhery, Editor, Academic Press is an imprint of Elsevier, pp.603-631, 2024
- II. **CÜCÜ A., ERDOĞAN G., ŞENER A., ÖZSAVCI D., GÖKTÜRK S., ÇALIŞKAN SALİHİ E., DOĞAN A., BULUT G., SOYOĞUL GÜRER Ü., RAYAMAN E., et al.**
in: Marmara Üniversitesi Eczacılık Fakültesi Genişletilmiş Eğitim Programı Detay Çalışması, Prof. Dr. Ş. Güniz KÜÇÜKGÜZEL, Prof. Dr. Bedia KAYMAKÇIOĞLU, Dr. Öğr. Üyesi Sevinç ŞAHBAZ, Editor, Marmara Üniversitesi Yayınevi, İstanbul, 2019
- III. **Karaciğerin Toksik Cevabı**
BECEREN A., KARSLI ÇEPPİOĞLU S.

in: Casarett Doull's Toksikolojinin Temelleri, Süzen S, Erdem O, Erkekoğlu P, Çakmak Demircigil G, Ada AO, Demirel B, Editor, Ankara Nobel Tıp Kitabevleri, Ankara, pp.195-208, 2017

IV. The Role of Soy Phytoestrogens on Genetic and Epigenetic Mechanisms of Prostate Cancer.

KARSLI ÇEPPİOĞLU S., Ngollo M., Judes G., Penault Llorca F., Bignon Y. J., Guy L., Bernard Gallon D.

in: Enzymes Mechanism of the Anticancer Effect of Phytochemicals, Karsli-Ceppioglu S, Ngollo M, Judes G, Penault-Llorca F, Bignon YJ, Guy L, Bernard-Gallon D, Editor, Academic Press is an imprint of Elsevier, Waltham, pp.193-223, 2015

Papers Presented at Peer-Reviewed Scientific Conferences

- I. Klotho gene polymorphism as a susceptibility factor for oxidative dna damage in coronary artery disease**
KARSLI S., YAZAR ÜREK S., Karaca M., YURDUN T.
13th International Congress of the Serbian Society of Toxicology, Belgrade, Serbia, 10 - 12 May 2023, (Summary Text)
- II. The impact of DNA methylation on the expression of CYP3A4 gene**
KARSLI S., KILIÇ N., CANBAKAN M.
11th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 02 November 2022, (Summary Text)
- III. Cell proliferation rates and response to the therapy with non-steroidal anti-inflammatory drugs in human lymphoblastoid cell lines derived from healthy individuals**
KARSLI S.
III. INTERNATIONAL AGRICULTURAL, BIOLOGICAL, Edirne, Turkey, 01 September 2021, (Summary Text)
- IV. SOY PHYTOESTROGENS AS EPIGENETIC MODULATORS IN PROSTATE CANCER**
Karşlı Çeppioglu S., Bernard-Gallon D.
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2020, pp.471, (Summary Text)
- V. Promoter Genome-Wide Analysis of Histone Modifications and Drugs Targeting Epigenetic Alterations in Breast Cancer.**
KARSLI ÇEPPİOĞLU S., Dagdemir A., Judes G., Lebert A., Penault Llorca F., Bignon Y., BernardGallon D.
10th International Congress of the Turkish Society of Toxicology (TST), 16 - 19 October 2019, (Summary Text)
- VI. The genetic and epigenetic factors in the regulation of CYP3A4 gene expression**
KILIÇ N., CANBAKAN M., AKGÜN ÖLMEZ S. G., YURDUN T., KARSLI ÇEPPİOĞLU S.
10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019, (Summary Text)
- VII. Cytotoxicity and bioactivation of VEGF loaded PCL nanoparticles**
KARSLI ÇEPPİOĞLU S., ÖZER S., KERİMOĞLU O., ALARÇİN E.
IPTS 2018, 17 - 19 September 2018, (Full Text)
- VIII. Polycaprolactone Nanoparticles for the Delivery of Vascular Endothelial Growth Factor**
Özer S., Kerimoğlu O., Alarçin E., Karşlı Çeppioglu S.
11th PBP World Meeting, Granada, Spain, 19 - 22 March 2018, (Full Text)
- IX. Formulation and Characterization of VEGF Loaded Polycaprolactone Nanoparticles**
Özer S., Kerimoğlu O., Alarçin E., Karşlı Çeppioglu S.
IVEK, İstanbul, Turkey, 26 - 29 April 2017, (Summary Text)
- X. Formulation and Characterization of Blank and VEGF Loaded Polycaprolactone Nanoparticles**
ÖZER S., KERİMOĞLU O., ALARÇİN E., KARSLI ÇEPPİOĞLU S.
IMER, 3 - 05 November 2017, (Summary Text)
- XI. Preparation, Characterization and Cytotoxicity Evaluation of Oxaceprol Loaded Poly(Lactic-Co-Glycolic Acid) Nanoparticles**
ALARÇİN E., KARSLI ÇEPPİOĞLU S., DEMİRBAĞ Ç., KERİMOĞLU O.

International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017, (Summary Text)

- XII. **Effect Of Formulation Variables On The Preparation Of Intra-articular Oxaceprol Loaded Nanoparticles**
ALARÇIN E., KERİMOĞLU O., DEMİRBAĞ Ç., KARSLI ÇEPPIÖĞLU S.
Biomaterials Day 2017, 20 March 2017, (Summary Text)
- XIII. **Effect of occupational exposure to aflatoxins in Bakery Workers**
ALARÇIN E., DEMİRBAĞ Ç., KARSLI ÇEPPIÖĞLU S., KERİMOĞLU O.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPS-4), İstanbul, Turkey, 18 - 21 September 2014
- XIV. **Investigation of Histone Lysine Trimethylation or Acetylation in Sporadic Breast Tumors and Matched Normal Tissues**
ALARÇIN E., DEMİRBAĞ Ç., KARSLI ÇEPPIÖĞLU S., KERİMOĞLU O.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPS-4), İstanbul, Turkey, 18 - 21 September 2014
- XV. **What are the Effects of the Histone Methylation Inhibitor and or the Histone Deacetylase Inhibitor on Histone Lysine Trimethylation or Acetylation in Breast Cancer Cell Lines**
ALARÇIN E., DEMİRBAĞ Ç., KARSLI ÇEPPIÖĞLU S., KERİMOĞLU O.
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPS-4), İstanbul, Turkey, 18 - 21 September 2014
- XVI. **Preparation and Characterization of Oxaceprol Loaded PLGA Poly lactide co glycolide Nanoparticles**
ALARÇIN E., DEMİRBAĞ Ç., KARSLI ÇEPPIÖĞLU S., KERİMOĞLU O.
IMPPS-4, 18 - 20 September 2014, (Summary Text)
- XVII. **Histone lysine trimethylation or acetylation can be modulated by histone methylation inhibitor and anti HDAC like sodium butyrate in breast cancer cell lines**
Dagdemir A., Judes G., Echegut M., KARSLI ÇEPPIÖĞLU S., Ngollo M., Penault Llorca F., Bignon Y. J., Bernard Gallon D.
CRNH, Clermont-Ferrand, France, 28 November 2013
- XVIII. **Etude des marques methylantes et acetylantes dans les cancers sporadiques du sein et leurs tissus sains correspondants**
Judes G., Dagdemir A., KARSLI ÇEPPIÖĞLU S., Ngollo M., Lebert A., Penault Llorca F., Bignon Y. J., Bernard Gallon D.
CRNH, Clermont-Ferrand, France, 28 November 2013
- XIX. **The role of the analytical toxicology in emergency medicine**
ERDOĞAN M. Ö., ÇOLAK Ş., GENÇ YAVUZ B., KARSLI ÇEPPIÖĞLU S., YURDUN T.
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 15 - 18 November 2012
- XX. **Matrix Gla Protein Klotho Gene Polymorphisms and DNA Damage in Chronic Kidney and Coronary Artery Diseases**
KARSLI ÇEPPIÖĞLU S., YAZAR ÜREK S., YURDUN T., CANBAKAN M., KARACA M., KESKİN Y., LÜLECİ N. E., KARAÇİMEN D.
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 15 - 18 November 2012
- XXI. **Alfa sipermetrinin genotoksik etkisinin in vitro olarak comet tekniği ile araştırılması**
AYDOĞANOĞLU E., KARSLI ÇEPPIÖĞLU S., YURDUN T.
Çevre Bilim & Teknoloji Teknik Dergi, Samsun, Turkey, 5 - 08 October 2011, vol.3, pp.283-292, (Full Text)
- XXII. **Investigation of metal wired coloured historical textile using scanning electron microscopy SEM and HPLC DAD**
YURDUN T., KARSLI ÇEPPIÖĞLU S.
30th annual Dyes in History and Archaeology Meeting, Derby, United Kingdom, 12 - 15 October 2011
- XXIII. **In vitro testing for genotoxicity of indigoid dyes by comet assay**
KARSLI ÇEPPIÖĞLU S., YURDUN T.
30th annual Dyes in History and Archaeology Meeting, Derby, United Kingdom, 12 - 15 October 2011
- XXIV. **Vektörle Mücadele ve İlaçlama İşinde Çalışan İşçilerde DNA Hasarının Comet Tekniği Kullanılarak Araştırılması**

- AYDOĞANOĞLU E., KARSLI ÇEPPİOĞLU S., YURDUN T.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XXV. **Matrix Gla protein and klotho gene polymorphisms in chronic kidney disease patients**
KARSLI ÇEPPİOĞLU S., YURDUN T., CANBAKAN M.
9th International ISSX Meeting, İstanbul, Turkey, 4 - 08 September 2010
- XXVI. **Determination of serum copper and zinc levels and evaluation of DNA damage in end stage renal disease patients**
KARSLI ÇEPPİOĞLU S., YURDUN T., CANBAKAN M.
3. International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2010
- XXVII. **Bazı pestisitlerin comet tekniği kullanılarak genotoksik etkilerinin araştırılması**
İNCEDERE E., KARSLI ÇEPPİOĞLU S., YURDUN T.
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Ankara, Turkey, 30 May - 01 June 2009
- XXVIII. **Important anthraquinones in wool fibres dyed with some Rubia speices**
KARSLI ÇEPPİOĞLU S., YURDUN T., KARADAĞ R., DÖLEN E.
27th annual Dye in History and Archaeology Meeting, İstanbul, Turkey, 8 - 11 October 2008
- XXIX. **Meme kanserli hastaların birinci derece sağlıklı akrabalarında DNA hasarının araştırılması**
ŞARDAŞ S., KARSLI ÇEPPİOĞLU S., YURDUN T., UĞURLU Ü., GÜLLÜOĞLU M. B., AKICI A.
II. Multidisipliner Kanser Araştırmaları Sempozyumu, Bursa, Turkey, 24 - 27 February 2008
- XXX. **İstanbulda yaşayan annelerin sütlerinde aflatoksin M1 araştırılması**
KESKİN Y., BAŞKAYA R., KARSLI ÇEPPİOĞLU S., YURDUN T.
XI. Ulusal Halk Sağlığı Kongresi, Denizli, Turkey, 23 - 26 October 2007
- XXXI. **Analysis of DNA damage in the cells treated with carbamate pesticides**
TURAN K., KARSLI ÇEPPİOĞLU S., ŞARDAŞ S., YURDUN T.
6th International Congress of Turkish Society of Toxicology, Antalya, Turkey, 8 - 11 November 2006
- XXXII. **Effects of using different kind of smokeless tobacco on DNA damage Maraş Powder**
ÇİMEN B., KARSLI ÇEPPİOĞLU S., ÖZÇAĞLI E., YURDUN T., ŞARDAŞ S.
6th International Congress of Turkish Society of Toxicology, Antalya, Turkey, 8 - 11 November 2006
- XXXIII. **Wound healing potential of chitosan in diabetic rats**
AKBUĞA J., KARSLI ÇEPPİOĞLU S., AKTAŞ M., ŞALVA E., ÇAKALAĞAOĞLU F.
Tissue Engineering & Regenerative Medicine International Society European Chapter Meeting, Rotterdam, Netherlands, 7 - 10 October 2006
- XXXIV. **Preparation and evaluation of fucoïdan microspheres**
SEZER A. D., KARSLI ÇEPPİOĞLU S., AKBUĞA J.
11th European Congress on Biotechnology, 6 - 09 August 2003

Funded Projects

Yeşil Ekici T., Karşlı S., TUBITAK Project, Molnupiravirin Olası Hepatotoksisitesinin İn Vitro Araştırılması, 2024 - 2025
Yeşil Ekici T., Karşlı S., Emergency R&D Project of Group A, 2024 - 2025
Karşlı S., Kaymaz B., Gürel Ç., Aktan Ç., İncedere Düздаğ F. E., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Üçlü Negatif Meme Kanseri Konvansiyonel Tedavisinde Epigenetik Ajan ile Adjuvan İmmunoterapi Kombine Kullanımı: Yeni Nesil İlaç Stratejisinin Geliştirilmesi ve Etkinliğinin Araştırılması, 2023 - 2025

Metrics

Publication: 67
Citation (WoS): 314
Citation (Scopus): 316
H-Index (WoS): 12

H-Index (Scopus): 11

Scholarships

Investigation of Histone Lysine Trimethylation and Acetylation in Sporadic Breast Tumor And Matched Normal Tissue, TUBITAK, 2013 - 2014