

## Assoc. Prof. EMİNE DİNÇER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: X-1331-2019

Yoksis Researcher ID: 59443

### Education Information

Doctorate, Anadolu University, Institute Of Science, Genel Biyoloji (Dr), Turkey 2007 - 2013

Undergraduate, Anadolu University, Faculty Of Science, Department Of Biology, Turkey 1999 - 2004

### Dissertations

Doctorate, Listeria monocytogenes'in elektrokimyasal sensör sistemleri ile belirlenmesi, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Genel Biyoloji (Dr), 2013

### Research Areas

Microbiology

### Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Sağlık Bilimleri Fakültesi, Beslenme Ve Diyetetik Bölümü, 2013 - Continues

### Academic and Administrative Experience

Vice Dean, 2017 - 2019

### Courses

Mikrobiyoloji, Undergraduate, 2019 - 2020

MİKROBİYOLOJİ, Undergraduate, 2017 - 2018, 2016 - 2017

Genetik, Undergraduate, 2018 - 2019

Sağlık Kuruluşlarında Laboratuvar Yönetimi, Postgraduate, 2017 - 2018

MESLEKİ İNGİLİZCE, Undergraduate, 2017 - 2018, 2016 - 2017

Sağlık Kuruluşlarında Laboratuvar Yönetimi, Postgraduate, 2018 - 2019

Mesleki İngilizce - I, Associate Degree, 2016 - 2017  
Mesleki İngilizce - IV, Undergraduate, 2017 - 2018  
Mesleki İngilizce - I, Associate Degree, 2016 - 2017  
Mikrobiyoloji - Parazitoloji, Undergraduate, 2016 - 2017  
Mesleki İngilizce - III, Undergraduate, 2016 - 2017  
Mesleki İngilizce - I, Undergraduate, 2016 - 2017  
Mesleki İngilizce - I, Associate Degree, 2016 - 2017  
Mesleki İngilizce - I, Associate Degree, 2016 - 2017

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

- I. **Electrochemical DNA Sensor Designed Using the Pencil Graphite Electrode to Detect *Listeria monocytogenes***  
DİNÇER E., Küçükkoğlu N., Kivanç M., ŞAHİN Y.  
Applied Biochemistry and Biotechnology, vol.196, no.7, pp.4679-4698, 2024 (SCI-Expanded)
- II. **Influential lead uptake using dried and inactivated-fungal biomass obtained from *Panaeolus papilionaceus*: biological activity, equilibrium, and mechanism**  
Şenol Z. M., Keskin Z. S., Dinçer E., Ayed A. B.  
BIOMASS CONVERSION AND BIOREFINERY, vol.1, no.1, pp.1-20, 2024 (SCI-Expanded)
- III. **Detection of *Listeria* Species by Conventional Culture-Dependent and Alternative Rapid Detection Methods in Retail Ready-to-Eat Foods in Turkey**  
DİNÇER E.  
Journal of microbiology and biotechnology, vol.34, no.2, pp.349-357, 2024 (SCI-Expanded)
- IV. **Impact of lactic acid bacteria strains against *Listeria monocytogenes* biofilms on various food-contact surfaces**  
DİNÇER E.  
Archives of Microbiology, vol.206, no.2, 2024 (SCI-Expanded)
- V. **From biopolymer matrix to medicine: the drug delivery dynamics of amoxicillin-loaded PVA/SA/ZnONPs hydrogels**  
Abuhamed N., Arslan S., Öksüz K. E., Dinçer E.  
International Journal of Polymeric Materials and Polymeric Biomaterials, 2024 (SCI-Expanded)
- VI. **Biological evaluation and in silico molecular docking studies of *Abies cilicica* (Antoine & Kotschy Carrière) resin**  
GÜÇLÜ G., TAŞ A., DİNÇER E., Ucar E., KAYA S., Berisha A., DURAL E., SİLİĞ Y.  
Journal of Molecular Structure, vol.1288, 2023 (SCI-Expanded)
- VII. **Plant-inspired adhesive and injectable natural hydrogels: in vitro and in vivo studies**  
Bohórquez-Moreno C. D., Öksüz K. E., Dinçer E., Hepokur C., Şen İ.  
Biotechnology Letters, vol.45, no.9, pp.1209-1222, 2023 (SCI-Expanded)
- VIII. **Effect of resistant starch types as a prebiotic.**  
Tekin T., Dincer E.  
Applied microbiology and biotechnology, vol.107, no.2-3, pp.491-515, 2023 (SCI-Expanded)
- IX. **Cytotoxic, Antioxidant, Antibiofilm, and Antimicrobial Activities of Mushroom Species from Turkey**  
Dinçer E., Işık H., Hepokur C., Tutar U., Çelik C.  
International Journal of Medicinal Mushrooms, vol.25, no.6, pp.75-86, 2023 (SCI-Expanded)
- X. **Fermentation of Commercial Resistant Starch Products by Lactic Acid Bacteria Isolated from Various Foods**  
DİNÇER E., TEKİN T.  
Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)
- XI. **POROUS POLYMER SCAFFOLDS DERIVED FROM BIORESOURCES FOR BIOMEDICAL APPLICATIONS**  
Bohorquez-Moreno C. D., Öksüz K. E., Dinçer E.

- Cellulose Chemistry and Technology, vol.57, no.1-2, pp.107-116, 2023 (SCI-Expanded)
- XII. **Evaluation of metabolic activities and probiotic characteristics of two *Lactobacillus sakei* strains isolated from pastirma**  
DİNÇER E., KIVANC M.  
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.38, no.12, 2022 (SCI-Expanded)
- XIII. **In vitro evaluation of probiotic potential of *Enterococcus faecium* strains isolated from Turkish pastirma**  
DİNÇER E., KIVANC M.  
ARCHIVES OF MICROBIOLOGY, vol.203, no.6, pp.2831-2841, 2021 (SCI-Expanded)
- XIV. **Characterization of *Lactobacillus plantarum* strains isolated from Turkish pastirma and possibility to use of food industry**  
DİNÇER E., KIVANC M.  
FOOD SCIENCE AND TECHNOLOGY, vol.40, no.2, pp.498-507, 2020 (SCI-Expanded)
- XV. **Who will win the race in childrens' oral cavities? *Streptococcus mutans* or beneficial lactic acid bacteria?**  
GÜNGÖR Ö., KIRZIOĞLU Z., Dincer E., Kivanc M.  
BENEFICIAL MICROBES, vol.4, no.3, pp.237-245, 2013 (SCI-Expanded)
- XVI. **Characterization of lactic acid bacteria from Turkish Pastirma**  
Dincer E., Kivanc M.  
ANNALS OF MICROBIOLOGY, vol.62, no.3, pp.1155-1163, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluation of Antibiofilm, Antimicrobial, Cytotoxic and Antioxidant Effects of Some Wild Mushroom Species**  
IŞIK H., HEPOKUR C., TUTAR U., DİNÇER E.  
MANTAR DERGİSİ, vol.15, no.2, pp.60-69, 2024 (Peer-Reviewed Journal)
- II. **The Effect of Nutrition Education on Adherence to the Mediterranean Diet and Sustainable Healthy Eating Behaviors in University Students**  
TEKİN T., BAĞLAM N., DİNÇER E.  
World Academy of Science, Engineering and Technology International Journal of Nutrition and Food Engineering, vol.18, no.3, pp.50-54, 2024 (Peer-Reviewed Journal)
- III. **Determination of the Antimicrobial Activity of Four Different Tea Extracts Against Foodborne Pathogens**  
DİNÇER E., BAĞLAM N.  
Hacettepe Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.10, no.3, pp.610-624, 2023 (Peer-Reviewed Journal)
- IV. **Adductor Pollicis Muscle Thickness and Its Relationship with Other Anthropometric Measurements: A Sample of Healthy Turkish Population**  
Dinçer E., Cavdar M., Tekin T., Cavdar M.  
Hacettepe Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.10, no.1, pp.171-187, 2023 (Peer-Reviewed Journal)
- V. **Determination of Adductor Pollicis Muscle Thickness in Overweight or Obese Young Women**  
Tekin T., Cavdar M., Dinçer E.  
Bilge International Journal of Science and Technology Research, vol.6, no.2, pp.106-111, 2022 (Peer-Reviewed Journal)
- VI. **Sivas İlinde Üretilen Peskütan Yoğurdunun Mikrobiyolojik Kalitesinin Değerlendirilmesi**  
DİNÇER E.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.4, pp.2626-2638, 2020 (Peer-Reviewed Journal)
- VII. **Lipolytic Activity of Lactic Acid Bacteria Isolated from Turkish Pastirma**  
DİNÇER E., KIVANÇ M.  
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –C Life Sciences and Biotechnology, pp.1, 2018

(Peer-Reviewed Journal)

- VIII. **Biofilm Formation Capacity of Listeria Standard Strains Depended On Time**  
DİNÇER E., TUTAR U.  
Cumhuriyet Science Journal, vol.38, no.2, pp.321, 2017 (Peer-Reviewed Journal)
- IX. **Metabolik Mühendisliğinde Laktik Asit Bakterileri**  
KARACA ATSAROS H., DİNÇER E., KIVANÇ M.  
AKADEMIK GIDA, vol.8, no.1, pp.32-38, 2010 (Peer-Reviewed Journal)
- X. **Biyokoruyucu olarak laktik asit bakterileri ve bakteriyosinler**  
DİNÇER E., KIVANÇ M., KARACA ATSAROS H.  
GIDA, vol.35, no.1, pp.1-8, 2010 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **İlk Keşiften Yapısal İncelemeye: Biyofilmlerin Keşfi ve Yapısal Analizi**  
DİNÇER E.  
in: BİYOLOJİ ALANINDA AKADEMİK ANALİZLER, ÇÖRDÜK NURŞEN, Editor, Yaz Yayınları, Afyonkarahisar, pp.20-33, 2024
- II. **PROBİYOTİKLERİN HİPOKOLESTEROLEMİK POTANSİYELİ**  
DİNÇER E.  
in: Teori, Araştırma, Uygulamalar Temel Tıp Bilimlerinde Güncel Yaklaşımlar, BAYRAKTAR Nihayet, BAYRAKTAR Mehmet, Editor, İKSAD, Ankara, pp.59-87, 2021
- III. **GEÇMİŞTEN GÜNÜMÜZE PROBİYOTİKLERİN EVRİMİ**  
DİNÇER E.  
in: SAĞLIK VE FEN BİLİMLERİNİN TEMEL VE KLİNİK YAKLAŞIMLAR, Nisari Mustafa, Editor, Iksad Publications, Ankara, pp.183-216, 2020
- IV. **Evaluation of Some Functional Properties of Pediococcus acidilactisi isolated From Turkish Pastirma**  
DİNÇER E., ÇAKIR E., KIVANÇ M.  
in: Exploring Microorganisms Recent Advances in Applied Microbiology, Antonio Mendez-Vilas, Editor, BrownWalker Press, pp.59-87, 2018
- V. **Effect of Bacillus sp. Isolated from the Soil against some Fusarium Strains**  
DİNÇER E., Dağ M. S., KIVANÇ M.  
in: Microbes in Applied Research Current Advances and Challenges, Mendez Vilas Antonia, Editor, World Scientific Publishing Co. Pte. Ltd, pp.94-98, 2012
- VI. **Lactic acid bacteria from the vagina of healthy Turkish women: identification, hydrogen peroxide production**  
KIVANÇ M., DİNÇER E., Yazıcıoğlu D.  
in: Microorganisms in Industry and Environment, Antonia Mendez Vilas, Editor, World Scientific Publishing Co. Pte. Ltd, pp.506-509, 2010

## Refereed Congress / Symposium Publications in Proceedings

- I. **Dirençli Nişastanın Enerji Kaynağı Olarak Bazı Patojen Mikroorganizmalar Tarafından Kullanım Durumlarının İncelenmesi**  
DİNÇER E., TEKİN T.  
19. Uluslararası Bilimsel Araştırma Kongresi (UBAK), Ankara, Turkey, 16 - 17 March 2024, pp.9-14
- II. **Türkiyede satılan prebiyotik takviyelerinin kefirde izole edilen laktik asit bakteri strainlerinin gelişimine etkisi**  
DİNÇER E.  
Akdeniz 11. Uluslararası Uygulamalı Bilimler Kongresi, Turkey, 23 - 24 February 2024, pp.64-71

- III. **SCHIZOPHYLLUM COMMUNE EKSTRAKTININ PASLANMAZ ÇELİK YÜZEY ÜZERİNDE PSEUDOMONAS AERUGINOSA BIYOFİLMİNE KARŞI ANTİBİYOFİLM AKTİVİTESİ**  
DİNÇER E.  
16TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE, AND MATHEMATICAL SCIENCES, Turkey, 28 - 29 February 2024, pp.535-542
- IV. **Çeşitli Gastrointestinal Hastalığa veya Semptoma Sahip Bireylerin Probiyotik Ürün Tüketim Durumlarının İncelenmesi**  
TEKİN T., BAĞLAM N., DİNÇER E.  
ICONFOOD'23 International Congress on Food Researches, Sivas, Turkey, 16 - 18 October 2023, pp.357-363
- V. **The Effect of Nutrition Education on Adherence to the Mediterranean Diet and Sustainable Healthy Eating Behaviors in University Students**  
TEKİN T., BAĞLAM N., DİNÇER E.  
ICNFS 2023: XVII. International Conference on Nutrition and Food Science, Italy, 11 - 12 May 2023, pp.30-33
- VI. **Dirençli nişastalı ekmek tüketiminin gastrointestinal semptomlar üzerine etkisi**  
Tekin T., Dinçer E.  
ICONFOOD'22 International Congress on Food, Sivas, Turkey, 14 - 16 October 2022, pp.99-106
- VII. **Ardıç Yağı Katkılı Hidrofilik Fiber İpliklerin Antibakteriyel ve Hemolitik Aktivitelerinin İncelenmesi**  
Öksüz K. E., Göç R., Dinçer E., Akdeniz E., Şahin F. B., Çelik U.  
KARADENİZ 9th International Conference on Applied Sciences, Artvin, Turkey, 25 - 26 June 2022, vol.1, pp.32
- VIII. **Evaluation of Anticancer, Antimicrobial, Antibiofilm Activity and Molecular Docking Study of Ethanol Extracts of Abies Cilicia (Antoine & Kotschy) Carrière) Resin**  
TAŞ A., GÜÇLÜ G., DİNÇER E., UÇAR SÖZMEN E., DURAL E., KAYA S., SİLİĞ Y.  
5 th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 June 2022
- IX. **YETİŞKİN ERKEKLERDE OBEZİTE VE ADDUCTOR POLLİCİS KAS TABAKASI KALINLIĞI ARASINDAKİ İLİŞKİNİN BELİRLENMESİ**  
TEKİN T., ÇAVDAR M., DİNÇER E.  
6. ULUSLARARASI BESLENME OBEZİTE VE TOPLUM SAĞLIĞI KONGRESİ, İstanbul, Turkey, 4 - 05 December 2021
- X. **ANTİOXİDANT ACTIVITY OF SOME EDIBLE MUSHROOMS**  
DİNÇER E.  
7th INTERNATIONAL MARDIN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE, 10 - 12 December 2021
- XI. **Determination of Adductor Pollicis Muscle Thickness in Overweight or Obese Young Women**  
Tekin T., Çavdar M., Dinçer E.  
ICONST LST 2021 4. International Conferences on Science and Technology Life Science and Technology, Budva, Montenegro, 8 - 10 September 2021, pp.45-52
- XII. **Weissella Cinsine Ait Strainlerin Antimikrobiyal Aktivitesi ve Karakterizasyonu**  
DİNÇER E., KIVANÇ M.  
Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, 1 - 03 December 2017
- XIII. **Gıdalarda Listeria monocytogenes tayini için farklı metodların değerlendirilmesi**  
DİNÇER E., KIVANÇ M.  
İç Anadolu Bölgesi 3. Tarım ve Gıda Kongresi (TARGİD), 26 - 28 October 2017, pp.35-36
- XIV. **Evaluation of different methods for the detection Listeria monocytogenes in foods**  
DİNÇER E., KIVANÇ M.  
İÇ ANADOLU BÖLGESİ 3. TARIM VE GIDA KONGRESİ (Targid-2017), 25 - 28 October 2017
- XV. **Evaluation of Some Functional Properties of Pediococcus acidilactici Isolated from Turkish Pastırma**  
ÇAKIR E., DİNÇER E., KIVANÇ M.  
VII International Conference on Environmental, Industrial and Applied Microbiology, 18 - 20 October 2017
- XVI. **Listeria Türlerinin Biyofilm Formasyon Aktivitelerinin Belirlenmesi**  
DİNÇER E., TUTAR U.  
I. ULUSLARARASI TURİZM VE MİKROBİYAL GIDA GÜVENLİĞİ, Antalya/Manavgat, Turkey, 21 - 23 April 2016
- XVII. **Cytotoxic effects of Pediococcus pentosaceus on the Caco-2 cells**  
ER S., DİNÇER E., KOPARAL A. T., KIVANÇ M.

14th International Union of Microbiological Societies Congresses, 27 July - 01 August 2014

- XVIII. Screening of Lactic Acid Bacteria for Antifungal Activity Against Fungi**  
Pektaş S., DİNÇER E., KIVANÇ M.  
IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld2011), Torremolions, Malaga, Spain, 14 - 16 September 2011
- XIX. Antibiotic resistance in oral Streptococcus spp Isolated from healthy children, Turkey**  
KIRZIOĞLU Z., DİNÇER E., KIVANÇ M., GÜNGÖR Ö.  
IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld2011), Torremolions, Malaga, Spain, 14 - 16 September 2011
- XX. Effect of Bacillus sp Isolated from the Soil against some Fusarium Strains**  
DİNÇER E., Dağ M. S., KIVANÇ M.  
IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld2011), Torremolions, Malaga, Spain, 14 - 16 September 2011, pp.30
- XXI. Antimicrobial activity and properties of Enterococcus faecium strains isolated from kefir**  
KIVANÇ M., Yiğit T., DİNÇER E.  
1st International Congress on Food Technology, Antalya, Turkey, 3 - 06 November 2010, pp.247
- XXII. Composition of the oral lactic acid bacteria and streptococcal flora in healthy children Turkey**  
DİNÇER E., GÜNGÖR Ö., KIVANÇ M., KIRZIOĞLU Z.  
13th International symposium on Microbial Ecology (ISME13), Seattle, Washington, United States Of America, 22 - 27 August 2010
- XXIII. In Vitro Evaluation of Antimicrobial Activity and Antibiotic Resisitance Lactic Acid Bacteria Isolated from Healthy Mouth**  
KIRZIOĞLU Z., DİNÇER E., GÜNGÖR Ö., KIVANÇ M.  
13th International symposium on Microbial Ecology (ISME13), Seattle, Washington, United States Of America, 22 - 27 August 2010
- XXIV. In Vitro Evaluation of Lactic Acid Bacteria and Streptococcus mutans Bacteria Adhesion to Tooth Surface**  
GÜNGÖR Ö., DİNÇER E., KIRZIOĞLU Z., KIVANÇ M.  
13th International Symposium on Microbial Ecology (ISME13), Seattle, Washington, United States Of America, 22 - 27 August 2010
- XXV. Kıymadan izole edilen Leuconostoc citreum'un antimikrobiyal aktivitesi**  
DİNÇER E., KIVANÇ M.  
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXVI. Lactic acid bacteria from the vagina of healthy Turkish women identification hydrogen peroxide production**  
KIVANÇ M., Yazıcıoğlu D., DİNÇER E.  
III International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld2009), Lisbon, Portugal, 2 - 04 December 2009
- XXVII. Çeşitli Et Ürünlerinin Mikrobiyolojik Açıdan İncelenmesi**  
DİNÇER E., KIVANÇ M.  
II. Geleneksel Gıdalar Sempozyumu, Van, Turkey, 27 - 29 May 2009
- XXVIII. Topraktan İzole Edilen Bazı Aktinomiset İzolatlarının Bitki Patojeni Funguslara Karşı Antifungal Aktivitelerinin Araştırılması**  
KIVANÇ M., YILMAZ SARIÖZLÜ N., DİNÇER E., Esra A.  
18. Ulusal Biyoloji Kongresi, Kuşadası / Aydın, Turkey, 26 - 30 June 2006, pp.236
- XXIX. Sucuklardan İzole Edilen Laktik Asit Bakterilerinin Antimikrobiyal Aktivitelerinin Belirlenmesi**  
DİNÇER E., KIVANÇ M.  
18. Ulusal Biyoloji Kongresi, Kuşadası, Aydın, Turkey, 26 - 30 June 2006
- XXX. Antimicrobial Activity of Lactic Acid Bacteria Isolated From Fermented Vegetables Foods**  
ERİKÇİ Y., DİNÇER E., YILMAZ CANKILIÇ M., KIVANÇ M.  
1 st International Food and Nutrition Congress, İstanbul, Turkey, 15 - 18 June 2005

**XXXI. Topraktan İzole Edilen Bazı Aktinomisetlerin Bitki patojeni Funguslara Karşı Antifungal Aktivitelerinin Araştırılması**

KIVANÇ M., YILMAZ SARIÖZLÜ N., DİNÇER E., Karaisaoğlu A.

17. Ulusal Biyoloji Kongresi, Adana, Turkey, 21 - 24 June 2004

**Metrics**

Publication: 66

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H-Index (Scopus): 5