

# Prof. NESLİHAN GÜNDOĞAN

## Personal Information

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ScopusID: 56047934700

Yoksis Researcher ID: 133996

## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1990 - 1996

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1987 - 1989

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, Biyoloji Pr., Turkey 1982 - 1986

## Dissertations

Doctorate, Ankara Yöresinde Tüketime Sunulan Beyaz Peynirlerin Mikroflorası Üzerine Bir Araştırma., Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 1996

Postgraduate, Erişkinlerde Ve Çocuklarda Enfeksiyonlara Neden Olan Gram Pozitif Bakterilerin (Staphylococcus Tür'lerinin) Vankomisin Ve Çeşitli Antibiyotiklere Karşı Duyarlılıklarının Saptanması., Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 1989

## Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2015 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2008 - Continues

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 1999 - 2008

Research Assistant, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 1987 - 1996

## Advising Theses

GÜNDOĞAN BAKIRCI N., Çiğ ve pişmiş gıdalardan izole edilen patojen bakterilerin bazı fiziksel ve kimyasal özelliklerinin belirlenmesi, Postgraduate, S.COŞKUN(Student), 2020

GÜNDOĞAN N., Pathogenicity Criteris Of Gram Pozitive And Gram Negative Bacteria Isolated From Milk And Dairy Productions, Postgraduate, M.Kera(Student), 2019

GÜNDOĞAN BAKIRCI N., Süt ve süt ürünlerinden izole edilen gram-pozitif ve gram-negatif bakterilerin patojenite kriterlerinin incelenmesi, Postgraduate, M.KERA(Student), 2019

GÜNDOĞAN BAKIRCI N., The Investigation Of Some Virulence Properties Of Pseudomonas Species Isolated From Meat And Dairy Products Consumed In Ankara, Postgraduate, E.NUR(Student), 2019

GÜNDOĞAN N., Investgation Of Biofilm Formation And Antibiotic Resistance In Food-Borne Lactobacillus Isolates,

Postgraduate, D.Akçay(Student), 2019  
GÜNDOĞAN BAKIRCI N., Determination Of Biochemical Properties And Enzyme Activity Of Bacillus Species Isolated From Ready To Eat Food Samples, Postgraduate, M.AŞULA(Student), 2019  
GÜNDOĞAN BAKIRCI N., Gıda kaynaklı Lactobacillus izolatlarında biyofilm oluşumu ve antibiyotik direncinin araştırılması, Postgraduate, D.AKÇAY(Student), 2019  
GÜNDOĞAN BAKIRCI N., Determination Of Microbial Contamination Level Of Various Cosmetic Products, Postgraduate, G.CENGİZ(Student), 2018  
GÜNDOĞAN N., INVESTIGATION OF STAPHYLOCOCCAL ENTEROTOXIN AND ANTIBIOTIC RESISTANCE IN FOODS, Doctorate, T.Cebeci(Student), 2015  
GÜNDOĞAN BAKIRCI N., Virulence Properties And Antibiotic Resistance And Technological Features Of Enterococcus Isolated From Fish Investigation, Postgraduate, L.BİGEÇ(Student), 2015  
GÜNDOĞAN N., Determining Amino Acid Decarboxylase Activity Biofilm Formation And The Antibiotic Resistance In The Enterobacteriaceae Isolates From Foods, Postgraduate, E.Serhat(Student), 2015  
GÜNDOĞAN BAKIRCI N., Gıdalardan izole edilen enterobacteriaceae türlerinin amino asit dekarboksilaz aktivitesi, biyofilm oluşumu ve antibiyotik dirençliliklerinin belirlenmesi, Postgraduate, E.SERHAT(Student), 2015  
GÜNDOĞAN BAKIRCI N., Gıdalarda stafilkokal enterotoksin varlığının ve antibiyotik dirençliliğinin araştırılması, Doctorate, T.CEBECİ(Student), 2015  
GÜNDOĞAN BAKIRCI N., Determination Of Some Virulence And Technological Properties In The Staphylococcus Isolated From Fish Samples, Postgraduate, G.MEMARI(Student), 2015  
GÜNDOĞAN BAKIRCI N., Virulence properties and antibiotic resistances of gram-negative bacteria isolated from fish consumed in Ankara, Postgraduate, S.KIRAÇ(Student), 2014  
GÜNDOĞAN N., Virulence factors and antibiotic resistance of Enterococcus isolated from clinical and food samples, Postgraduate, F.Öztürk(Student), 2013  
GÜNDOĞAN N., Determining the extended spectrum beta lactamase and the antibiotic resistance in the enterobacteriaceae isolates from foods, Postgraduate, E.Avcı(Student), 2012  
GÜNDOĞAN N., Food and clinical isolates of coagulase positive and coagulase negative staphylococcus to compare some of virulence properties and antibiotic resistances, Postgraduate, S.Akgün(Student), 2012  
GÜNDOĞAN N., The biofilm production of staphylococcus isolated from food samples and the research for their antibiotic resistances, Postgraduate, Ö.Ataol(Student), 2011  
GÜNDOĞAN N., DETERMINATION OF SIDEROPHORE PRODUCTION, SERUM RESISTANCE, HEMOLYTIC ACTIVITY AND EXTENDED SPECTRUM BETA-LACTAMASE PRODUCING (ESBL) KLEBSIELLA SPECIES ISOLATED FROM MEAT, Postgraduate, E.YALÇIN(Student), 2010  
GÜNDOĞAN N., THE EFFECT OF MICROWAVE ONTO PATHOGEN MICROORGANISMS WERE ISOLATED FROM RED AND CHICKEN MEATS, Postgraduate, B.GÜRBÜZ(Student), 2008

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

- I. **Amino acid decarboxylase activity, biofilm formation and antibiotic resistance of gram-negative bacteria isolated from marine fish, calf meat and chicken**  
Gündoğan N., Külahcı M. B., Yavas E. S.  
JOURNAL OF FOOD SAFETY AND FOOD QUALITY-ARCHIV FÜR LEBENSMITTELHYGIENE, vol.70, no.4, pp.99-110, 2019 (SCI-Expanded)
- II. **Occurrence and antibiotic resistance of Escherichia coli, Staphylococcus aureus and Bacillus cereus in raw milk and dairy products in Turkey**  
Gündoğan N., Avcı E.  
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.67, no.4, pp.562-569, 2014 (SCI-Expanded)
- III. **DETERMINATION OF SOME VIRULENCE FACTORS IN STAPHYLOCOCCUS AUREUS, ENTEROCOCCUS FAECALIS AND ENTEROCOCCUS FAECIUM ISOLATED FROM MEAT AND MILK PRODUCTS**  
Gündoğan N., Ataol O., Torlak F. O.  
JOURNAL OF FOOD SAFETY, vol.33, no.4, pp.387-393, 2013 (SCI-Expanded)

- IV. **Determination of some virulence factors in staphylococci isolated from milk and meat products**  
Gündoğan N., Ataol O., Gunal S.  
ARCHIV FUR LEBENSMITTELHYGIENE, vol.63, no.6, pp.182-186, 2012 (SCI-Expanded)
- V. **Virulence Properties of Extended Spectrum beta-Lactamase-Producing Klebsiella Species in Meat Samples**  
Gündoğan N., Çıtak S., Yalcin E.  
JOURNAL OF FOOD PROTECTION, vol.74, no.4, pp.559-564, 2011 (SCI-Expanded)
- VI. **Incidence and antimicrobial resistance of Bacillus cereus isolated from Turkish white cheese and ice-cream samples**  
Citak S., Gundogan N., Alas Z. T.  
MILCHWISSENSCHAFT-MILK SCIENCE INTERNATIONAL, vol.65, no.1, pp.52-55, 2010 (SCI-Expanded)
- VII. **Siderophore production, serum resistance, hemolytic activity and extended-spectrum beta-lactamase-producing Klebsiella species isolated from milk and milk products**  
Gundogan N., Yakar U. A.  
JOURNAL OF FOOD SAFETY, vol.27, no.3, pp.251-264, 2007 (SCI-Expanded)
- VIII. **Incidence, protease activity and antibiotic resistance of Escherichia coli and Serratia marcescens isolated from meat, chicken and meatball samples**  
Guendogan N., Devren A., Citak S.  
ARCHIV FUR LEBENSMITTELHYGIENE, vol.57, no.4, pp.113-117, 2006 (SCI-Expanded)
- IX. **Slime production, DNase activity and antibiotic resistance of Staphylococcus aureus isolated from raw milk, pasteurised milk and ice cream samples**  
Gundogan N., Citak S., Turan E.  
FOOD CONTROL, vol.17, no.5, pp.389-392, 2006 (SCI-Expanded)
- X. **Occurrence, isolation and antibiotic resistance of Enterococcus species isolated from raw milk samples in Turkey**  
Citak S., Gundogan N., Mend A., Orhan S.  
MILCHWISSENSCHAFT-MILK SCIENCE INTERNATIONAL, vol.61, no.2, pp.150-152, 2006 (SCI-Expanded)
- XI. **Lipase, lecithinase and haemolytic activity of mesophilic Bacillus spp. isolated from raw and pasteurised milk samples**  
Gundogan N., Arik M.  
INDIAN VETERINARY JOURNAL, vol.82, no.7, pp.747-751, 2005 (SCI-Expanded)
- XII. **A note on the incidence and antibiotic resistance of Staphylococcus aureus isolated from meat and chicken samples**  
Gundogan N., Citak S., Yucel N., Devren A.  
MEAT SCIENCE, vol.69, no.4, pp.807-810, 2005 (SCI-Expanded)
- XIII. **The incidence of Listeria monocytogenes in raw meat**  
Yucel N., Citak S., Gundogan N.  
INDIAN VETERINARY JOURNAL, vol.81, no.11, pp.1192-1194, 2004 (SCI-Expanded)
- XIV. **Comparison of the protease activity of psychrotrophic and thermophilic bacillus spp. isolated from raw milk samples**  
Gundogan N., Arik M.  
INDIAN VETERINARY JOURNAL, vol.81, no.9, pp.1013-1015, 2004 (SCI-Expanded)
- XV. **Slime production and DNase activity of Staphylococci isolated from raw milk**  
Citak S., Varlik O., Gundogan N.  
JOURNAL OF FOOD SAFETY, vol.23, no.4, pp.281-288, 2003 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Occurrence and characteristics of staphylococci and enterococci in retail fish used for human consumption in Turkey**

KÜLAHCI M. B., GÜNDOĞAN N.

European Journal of Science and Technology, no.28, pp.911-916, 2021 (Peer-Reviewed Journal)

- II. **Prevalence and antibiotic resistance of extended spectrum beta lactamase ESBL producing Escherichia coli and Klebsiella species isolated from foods of animal origin in Turkey**  
Gündoğan N., Avcı E.  
African Journal of Microbiology Research, vol.7, no.31, pp.4059-4064, 2013 (Peer-Reviewed Journal)
- III. **Biofilm protease and lipase properties and antibiotic resistance profiles of staphylococci isolated from various foods**  
Gündoğan N., Ataol Ö.  
African Journal of Microbiology Research, vol.7, no.28, pp.3582-3588, 2013 (Peer-Reviewed Journal)
- IV. **Et Örneklerinden İzole Edilen Staphylococcus aureus ve koagülaz negatif Stafilokok ların Biyofilm Üretimi Ve DNaz Aktivitelerinin Belirlenmesi**  
Gündoğan N., Ataol Ö.  
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.69, no.3, pp.135-142, 2012 (Peer-Reviewed Journal)
- V. **Protease and lipase activity of Staphylococcus aureus obtained from meat chicken and meatball samples**  
Gündoğan N., Devren A.  
Gazi University Journal of Science, vol.23, no.4, pp.381-384, 2010 (Scopus)
- VI. **Buzdolabı sıcaklığında saklanan Listeria monocytogenes inoküle edilmiş etlere gıda kalitelendirici organik asitlerin etkisi**  
Gündoğan N., Çıtak S., Yıldız E.  
Gazi University Journal of Gazi Educational Faculty, vol.30, no.2, pp.585-602, 2010 (Scopus)
- VII. **The Incidence of E coli From Minced Meat Samples and Their Antibiotic Sensitivity Protease Activities During Cold Storage**  
Gündoğan N., Tireng S.  
Journal of Faculty of Pharmacy of Gazi University, vol.20, no.1, pp.37-42, 2003 (Scopus)
- VIII. **Incidence of E coli Salmonella ssp and other Enterobacteriaceae in minced meat and susceptibility of the E coli some cephalosporin group antibiotics**  
Gündoğan N., Tireng S., Çıtak S., Yücel N.  
Journal of Faculty of Pharmacy of Gazi University, no.19, pp.41, 2002 (Scopus)
- IX. **Incidence of E coli Salmonella spp and other Enterobacteriaceae in minced meat and susceptibility of the E coli some cephalosporin group antibiotics**  
Gündoğan N., Senem T., Çıtak S., Yücel N.  
Journal of Faculty of Pharmacy of Gazi University, vol.19, no.1, pp.41-46, 2002 (Scopus)
- X. **Presence proteolytic activity and antibiotic resistance of psychrotrophic Bacillus ssp isolated from raw milk**  
Gündoğan N., Arık M. T.  
Journal of Faculty of Pharmacy of Gazi University, vol.19, no.1, pp.1-8, 2002 (Scopus)
- XI. **Ankarada tüketime sunulan kremalı pastaların mikrobiyolojik kalitenin araştırılması**  
Gündoğan N., Yücel N.  
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.33-38, 2001 (Peer-Reviewed Journal)
- XII. **Süt ve Bazı Süt Ürünlerinde Staphylococcus aureus ların Bulunma Sıklığı Üzerine Bir Araştırma**  
Gündoğan N., Yücel N., Çıtak S.  
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.2, pp.379-382, 2001 (Peer-Reviewed Journal)
- XIII. **Ankarada Tüketime Sunulan Kremalı Pastaların Mikrobiyolojik Kalitesinin Araştırılması**  
Gündoğan N., Yücel N.  
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.33-38, 2001 (Peer-Reviewed Journal)
- XIV. **Research on the Microbiological Quality of the Pasteurized Milk Presenting to the Consumption on Ankara**  
Çıtak S., Yücel N., Gündoğan N.  
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.57, no.3, pp.171-176, 2000 (Scopus)

## Books & Book Chapters

- I. **AN OVERVIEW OF BIOLOGICAL WARFARE**  
Külahcı M. B., Gündoğan N.  
in: Recent Biological Studies, Mutlu Amutkan Damla, Editor, IKSAD Publishing House, Ankara, pp.3-23, 2021
- II. **Kozmetiklere ve Kozmetik Mikrobiyolojisine Giriş**  
Gündoğan N.  
Nobel, Ankara, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Occurrence and characteristics of staphylococci and enterococci in retail fish used for human consumption in Turkey**  
KÜLAHCI M. B., GÜNDOĞAN N.  
1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 01 November 2021, pp.882
- II. **Çiğ ve pişmiş gıdalardan izole edilen patojen bakterilerin bazı fiziksel ve kimyasal özelliklerinin belirlenmesi**  
COŞKUN S., KÜLAHCI M. B., GÜNDOĞAN BAKIRCI N.  
5 th.Natural Nutrition Healthy Life and Sport, 2 - 06 October 2019, vol.1, pp.982-989
- III. **Çiğ ve Pişmiş Gıdalardan İzole Edilen Patojen Bakterilerin Bazı Fiziksel ve Kimyasal Özelliklerinin Belirlenmesi**  
Coşkun S., Külahcı M. B., Gündoğan N.  
5th International Eurasian Congress on 'xxNatural Nutrition, Healthy LifeSport'xx, 2 - 06 October 2019
- IV. **Slime and biofilm formation and antibiotic resistance of Lactobacillus spp. isolates isolated from raw milk and cheese samples**  
AKÇAY D., GÜNDOĞAN BAKIRCI N.  
3 rd Innovative approaches in scientific studies, 19 - 21 April 2019, pp.634-639
- V. **Tavuk döner örneklerinden Bacillus spp. izolasyonu ve proteaz, lipaz, amilaz ve hemoliz aktivitelerinin incelenmesi**  
GÜNDOĞAN BAKIRCI N., KÜLAHCI M. B., AŞULA M.  
6th international congress on mathematics, engineering, natural and medical sciences, 8 - 10 March 2019, pp.601-607
- VI. **Hazır köfte örneklerinden Bacillus spp. izolasyonu ve ekstrasellüler enzim aktivitelerinin belirlenmesi**  
GÜNDOĞAN BAKIRCI N., AŞULA M.  
6th international congress on mathematics, engineering and natural sciences, 8 - 10 March 2019, pp.608-614
- VII. **Tavuk Döner Örneklerinden Bacillus spp. İzolasyonu ve Proteaz, Lipaz, Amilaz ve Hemoliz Enzim Aktivitelerinin İncelenmesi**  
GÜNDOĞAN BAKIRCI N., KÜLAHCI M. B., Aşula M.  
EJONS VI. Uluslararası Matematik, Mühendislik, Fen ve Sağlık Bilimleri Kongresi, Adana, Turkey, 8 - 10 March 2019
- VIII. **Hayvansal Gıdalardan İzole Edilen Stafilokokların Çoklu Antibiyotik Dirençlilikleri.**  
CEBECİ T., GÜNDOĞAN BAKIRCI N.  
13. Antimikrobik Kemoterapi Günleri, Turkey, 6 - 08 April 2018
- IX. **Antibiotic Resistance of Escherichia coli Staphylococcus aureus and Bacillus cereus Isolated from Raw Milk and Dairy Products in Ankara Turkey**  
KÜLAHCI M. B., GÜNDOĞAN BAKIRCI N.  
1. Uluslararası Turizm ve Mikrobiyal Gıda Güvenliği Kongresi, Antalya, Turkey, 21 - 23 April 2016
- X. **Occurrence and Antibiotic Resistance of Extended Spectrum Beta Lactamase Producing Escherichia coli and Klebsiella spp Isolated from foods of animal origin**

KÜLAHCI M. B., GÜNDOĞAN BAKIRCI N.

1.Uluslararası Turizm ve Mikrobiyal Gıda Güvenliği Kongresi, Antalya, Turkey, 21 - 23 April 2016

## Episodes in the Encyclopedia

### I. Encyclopedia of Food Microbiology

GÜNDOĞAN BAKIRCI N.

Elsevier, pp.383-388, 2014

## Supported Projects

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Gıdalardan İzole Edilen Enterobacteriaceae Türlerinin Amino asit Dekarboksilaz Aktivitesi, Biyofilm Oluşumu ve Antibiyotik Dirençliliklerinin Belirlenmesi, 2012 - 2016

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Gıdalardan İzole Edilen Enterobacteriaceae Türlerinde Genişletilmiş Spektrumlu Beta Laktamaz Üretimi Ve Antibiyotik Dirençliliklerinin Belirlenmesi, 2010 - 2012

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Gıda örneklerinden izole edilen Staphylococcus'larda biyofilm oluşumu ve antibiyotik dirençlilikleri, 2009 - 2011

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Kırmızı Et ve Tavuk Etine İnoküle Edilen Patojenler Üzerine Mikrodalga Fırın Müamelesinin Etkisi ve Bu, 2005 - 2008

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Buzdolabı Sıcaklığında Saklanan Listeria Monocytogenes İnoküle Edilmiş Etlere Gıda Kalitelendirici Organik Asitlerin Etkisi ve Antibiyotik Dirençlilikleri, 2005 - 2007

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Kıyma ve Hazır Köfte Örneklerinden S.aureus ve bazı gr(-) bakterilerinin İzolasyonları ve düşük sıcaklıklardaki Proteaz ve lipaz aktivitelerinin belirlenmesi., 2002 - 2004

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Tüketime Sunulan Kıyma Örneklerinde koliform,fecal coliform, Salmonella ve Enterobacteriaceae bakterilerinin izolasyonu., 2002 - 2004

GÜNDOĞAN N., Project Supported by Higher Education Institutions, Pastörize süt ve çiğ sütlerden psikrofil, mezofil, termofil, bacillus türlerinin izolasyonu ve bu türlerin proteinaz, lipaz, fosfolipaz enzim aktivitelerinin tayini, 2001 - 2003

## Metrics

Publication: 44

Citation (WoS): 258

Citation (Scopus): 283

H-Index (WoS): 7

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## Non Academic Experience

GAZİ ÜNİVERSİTESİ