



## Lect. GAMZE DÜVEN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AEZ-4340-2022

ScopusID: 57209322710

Yoksis Researcher ID: 254416



### Education Information

2022 - Continues	Associate Degree, Anadolu University, Açıköğretim Fakültesi, Görsel-İşitsel Teknikler Ve Medya Yapımcılığı Ad., Turkey
2020 - Continues	Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Food Engineering, Turkey
2017 - 2019	Doctorate, Izmir Institute Of Technology, Institute Of Engineering And Natural Sciences, Food Engineering (PhD) (English), Turkey
2014 - 2017	Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Food Engineering (Master) (with thesis), Turkey
2011 - 2014	Undergraduate Double Major, Ege University, Faculty Of Engineering, Biyomühendislik Bölümü, Turkey
2009 - 2014	Undergraduate, Ege University, Faculty Of Engineering, Gıda Mühendisliği Bölümü, Turkey

### Foreign Languages

German, A2 Elementary English, B2 Upper Intermediate Dutch, A1 Beginner

### Certificates, Courses and Trainings

2022	COST Action-Short Term Scientific Mission , Vocational Training, TEAGASC Moorepark Food Research Center
2020	KOSGEB İleri Girişimcilik Eğitimi (Advanced Entrepreneurship Training), Entrepreneurship, KOSGEB (Small and Medium Enterprises Development Organization of Turkey)
2020	Geleneksel Girişimcilik Eğitimi (Uzaktan Öğretim) [Traditional Entrepreneurship Education; Online], Entrepreneurship, KOSGEB (Small and Medium Enterprises Development Organization of Turkey)
2019	CRISPR CAS9 Training School, Health&Medicine, İzmir Ekonomi Üniversitesi

2017	Deney Hayvanı Kullanımı Sertifikası Kursu (Experimental Animal Use Certificate Course), Health&Medicine, Ege Üniversitesi
2015	COST Action- Short Term Scientific Mission and Training School, Vocational Course, University of Malta
2014	LOOPEGE Lisansüstü Öğrencileri Oryantasyon Programı, Industrial Rights, Intellectual Property Rights, Patent, Licensing, Ege Üniversitesi
2013	Ekmek israfını önleyelim, Ekmeğimizi koruyalım, Environment and Sustainability, Ege Üniversitesi
2011	Topluluk Önünde Konuşma ve Münazara, Entrepreneurship, Turkey Training Institute JCI Karşıyaka

## Dissertations

2017	Determination of Microbial Load and Somatic Cell Count of Milk with a Laboratory-On-Chip (LOC) Device, Ege University, Fen Bilimleri Enstitüsü, Department of Food Engineering, Postgraduate
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## Research Areas

Food Engineering, Food Microbiology, Food Hygiene and Sanitation, Food Biotechnology

## Academic Titles / Tasks

2019 - Continues	Lecturer, Bursa Uludağ University, KARACABEY MYO, GIDA İŞLEME
2022 - 2022	Researcher, TEAGASC Moorepark Food and Research Center, Department of Food Biosciences
2017 - 2019	Research Assistant, Izmir Institute Of Technology, Faculty Of Engineering, Department Of Food Engineering
2015 - 2015	Researcher, Malta Universitesi (University of Malta), Faculty of Health Science

## Academic and Administrative Experience

2020 - Continues	Head of Department, Bursa Uludağ University, KARACABEY MYO, GIDA İŞLEME
2022 - 2023	Assistant Director of Vocational School, Bursa Uludağ University, KARACABEY MYO
2020 - 2020	Head of Department, Bursa Uludağ University, KARACABEY MYO, GIDA İŞLEME

## Courses

2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021	Research Methods and Techniques, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Traditional Cheese Technology, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Nutrition Principles, Associate Degree

2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Fermented Milk Products-I, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Dairy Microbiology, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Duyusal Analiz Teknikleri, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Nutrition Principles, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Hygien and Sanitation, Associate Degree
2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020	Fermented Milk Products-II, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Dairy Chemistry, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	Fermentes Food Technology, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021	General Microbiology, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020	Fruit and Vegetable Products Technology-II, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020	Fruit and Vegetable Products Technology-I, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020	Analyses of Raw Milk, Associate Degree
2020 - 2021, 2019 - 2020	Food Chemistry, Associate Degree
2019 - 2020	Food Additives, Associate Degree
2019 - 2020	Food Analysis, Associate Degree

## Jury Memberships

June 2019	Competition, TMMOB GIDA MÜHENDİSLERİ ODASI İZMİR ŞUBESİ 1. Gıda Mühendisliği Bölümleri Bitirme Tezi Poster Yarışması, TMMOB GIDA MÜHENDİSLERİ ODASI İZMİR ŞUBESİ
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## Taught Courses And Trainings

2023 - 2023	Düven G., Laboratory Safety Training (Mandatory)
2022 - 2022	Düven G., Mandatory Laboratory Safety Training

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

- I. **Chemical composition and biological activities of Cypriot propolis**  
NALBANTSOY A., Sarikahya N. B., Ozverel C. S., Barlas A. B., Kirci D., AKGÜN İ. H., Yalcin T., Duven G., KIŞLA D., Demirci B., et al.  
JOURNAL OF APICULTURAL RESEARCH, vol.61, no.2, pp.233-245, 2022 (SCI-Expanded)
- II. **Ultrasonication-assisted kefir production and its effect on fermentation time and EPS production**  
Duven G., KUMCUOĞLU S., KIŞLA D.  
FOOD BIOSCIENCE, vol.42, 2021 (SCI-Expanded)
- III. **A portable microfluidic platform for rapid determination of microbial load and somatic cell count in milk**  
Duven G., Cetin B., Kurtuldu H., Gunduz G. T., Tavman Ş., Kışla D.  
BIOMEDICAL MICRODEVICES, vol.21, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of hygienic status of refrigerators surface**  
Düven G., Gündüz G., Kışla D.  
Food and Health, vol.7, no.4, pp.251-258, 2021 (Peer-Reviewed Journal)
- II. **Çip-Üstü-Laboratuvar (ÇÜL) Teknolojisinin Gıda Mikrobiyolojisindeki Uygulamaları**  
Düven G., Çetin B., Kışla D.  
Akademik Gıda, vol.16, no.1, pp.78-87, 2018 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Psychobiotics in Microbiota of Humans and Foods**  
Düven G., Özmen Toğay S., Yiğit Çınar A.  
Mikrobiyom Terapileri Kongresi, İstanbul, Turkey, 19 - 21 May 2023, pp.1
- II. **ANTIBIOTIC RESISTANCE OF LACTIC ACID BACTERIA USING IN FOOD PRODUCTION**  
Düven G., Cinar A., Özmen Toğay S.  
Türkiye 13. Gıda Kongresi, Çanakkale, Turkey, 21 - 23 October 2020, pp.84-90
- III. **Effect Of Pasteurization On Enhancing The Shelf Life Of Traditional Beverage "Sübye" Produced By Reducing Its Sugar Content**  
DÜVEN G., HACISALİHOĞLU D., KOREL F.  
International Conference on Food, Nutrition and Dietetics, Gastronomy Research, FONGAR, Alanya, 28-30 Kasım 2018, 28 - 30 November 2018
- IV. **Milk Like Beverage From Melon Seeds**  
DÜVEN G., KOREL F.  
NUTRICON 2018 Food Quality Safety Health Nutrition Congress, 13 - 15 June 2018
- V. **Investigation of the Effects of Ultrasonic Sound Waves in Kefir Fermentation**  
DÜVEN G., KUMCUOĞLU S., KIŞLA D.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT 2017), Nevşehir, Turkey, 15 - 17 May 2017, pp.25-35

## Supported Projects

2023 - Continues	Farklı Ekşi Maya Starterleri İle Karakılıç ve Mor Patates Unlarından Üretilen Tarhanaların Fonksiyonel Karakterizasyonu, Project Supported by Higher Education Institutions
2024 - 2026	Investigation of Potential GABA (Gamma Amino Butyric Acid) Producing Psychobiotic Strains in Boza Produced Using Different Raw Materials, TÜBİTAK - AB COST Project
2022 - 2026	Establishment of Centre of Vocational Excellence (CoVE) for Dairy Sector, Erasmus Project
2022 - 2025	Farklı Hammaddeler Kullanılarak Üretilen Tarhanaların ve Mikrobiyotasındaki Laktik Asit Bakteri İzolatlarının Gıda Endüstrisi ve İnsan Sağlığı Açısından Fonksiyonel Özelliklerinin Araştırılması, Project Supported by Higher Education Institutions
2022 - 2023	Functional characterization of microorganisms isolated from sourdoughs collected from Bursa region., Project Supported by Higher Education Institutions
2020 - 2022	Detailed Chemical Content Determination and Biological Activity Studies on 41 Propolis Samples from Turkey, Project Supported by Higher Education Institutions
2014 - 2017	Development of microfluidics-dynamics based particle counting device and its application in the determination of microbial load and somatic cell number in reference milk samples, TUBİTAK Project
2014 - 2015	Investigation of Microbial Inactivation and Microbial Activity Increasing Effects of Ultrasonic Sound Waves on Some Lactic Acid Bacteria and Yeasts, Project Supported by Higher Education Institutions
2013 - 2014	Buzdolabı Yüzeylerinin Hijyenik Durumlarının Belirlenmesi, TUBİTAK Project

## Memberships / Tasks in Scientific Organizations

2020 - Continues	TMMOB GIDA MÜHENDİSLERİ ODASI BURSA ŞUBESİ, Member
2019 - Continues	Türk Mikrobiyoloji Cemiyeti, Member
2021 - 2025	CA20128 - Promoting Innovation of ferMENTed fOods (PIMENTO), Member
2018 - 2020	TMMOB GIDA MÜHENDİSLERİ ODASI İZMİR ŞUBESİ, Board Member

## Scientific Refereeing

October 2021	FOOD BIOSCIENCE, SCI Journal
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## Tasks In Event Organizations

16 Mayıs 2023	Kanat N., ÇOŞKUN K., DÜVEN G., 7. KARACABEY MESLEK YÜKSEKOKULU ÖĞRENCİ KONGRESİ, Scientific Congress, Bursa, Turkey
31 Mayıs 2022	Düven G., Kanat N., 6th DAIRY AND DAIRY FARMING STUDENT CONGRESS, Scientific Congress, Bursa, Turkey

## Scientific Research / Working Group Memberships

2021 - 2025	Ca20128 - Promoting Innovation Of Fermented Foods (Pimento), <a href="https://fermentedfoods.eu/">https://fermentedfoods.eu/</a> , European Cooperation in Science and Technology (COST), Belçika
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## Mobility Activity

2022 - 2022	Other, Vocational Course, TEAGASC Moorepark Food Research Center, Ireland
2015 - 2015	Other Exchange Programme, Get Education, University of Malta, Malta
2015 - 2015	Other Exchange Programme, Guest Researcher, University of Malta, Malta

## Metrics

Publication: 12  
Citation (WoS): 27  
Citation (Scopus): 29  
H-Index (WoS): 3  
H-Index (Scopus): 3

## Congress and Symposium Activities

2024	International Food Innovation and Sustainability Congress, Attendee, İstanbul, Turkey
2024	International Food Innovation and Sustainability Congress (IFIS2024), Attendee, İstanbul, Turkey
2024	AEDIL Dairy Conference, Working Group, Belgrade, Serbia
2023	Congress of Microbiom Therapy, Invited Speaker, İstanbul, Turkey
2022	TRADITIONAL FOOD SYMPOSIUM, Attendee, Bursa, Turkey
2022	6. Milk and Dairy Farming Congress, Session Moderator, Bursa, Turkey
2022	12. Food Engineering Student Congress, Attendee, Bursa, Turkey
2021	Importance of Milk in our Immune System, Invited Speaker, Bursa, Turkey
2020	Türkiye 13. Food Congress, Attendee, Çanakkale, Turkey
2018	International Conference on Food, Nutrition and Dietetics, Gastronomy Research,, Attendee, Antalya, Turkey
2018	NUTRICON 2018 Food Quality Safety Health Nutrition Congress, Attendee, Ohrid, Macedonia
2017	International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey

## Invited Talks

December 2023	Boza-Teras Sohbetleri, Seminar, TMMOB Chambers of Food Engineers, İzmir, Turkey
March 2022	CONSCIOUS FOOD CONSUMPTION, Seminar, UCTEA CHAMBER OF FOOD ENGINEERS YTE STUDENT REPRESENTATIVE, Turkey
May 2021	Fermentation Technology, Seminar, Pamukkale Üniversitesi, Turkey
March 2021	Fermentation Technology, Seminar, İzmir Yüksek Teknoloji Enstitüsü, Turkey

## Scholarships

2016 - 2017	1001-Bilimsel Araştırma Proje Bursiyeri, TÜBİTAK
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## Non Academic Experience

2022 - Continues	University, Bursa Uludag University, Department of Food Processing
2020 - Continues	Professional Chamber, UCTEA Chamber of Food Engineers , Branch of Bursa
2019 - Continues	Professional Association, Turkish Society of Microbiology, Turkish Microbiology Society Young Scientists Commission (TMS-YoungSci)
2022 - 2022	TEAGASC Moorepark Food Research Center
2018 - 2020	Professional Chamber, UCTEA Chamber of Food Engineers , Branch of İzmir
2013 - 2013	Business Organization (private), Jones Inlet Seafood Inc. , Point Lookout Clam Bar
2013 - 2013	John Inlet Seafood Inc.