

Özge CAN

Karabağlar/İZMİR

## **EDUCATION**

### **2004-2009**

Primary school  
Pass grade : 93,75/100

### **2009-2012**

Secondary school  
Pass grade : 88,68/100

### **2012-2016**

High school in Çanakkale Ayvacık Science High School (2 years)- İzmir Bergama Science High School (2 years)  
Pass grade :91,01/100

### **2016-2021**

Konya food and agriculture university (Full English Education)  
English Prep-school (1 year)  
Majority BSc: Molecular biology and genetics (AGNO 3.50/4.00)  
Minority: Food engineering (AGNO 3.02/4.00)

### **2021-2023**

Izmir Institute of Technology  
MSc Bioengineering  
Grade: 3,92

## **PROFESSIONAL EXPERIENCES**

### **2017-2019**

Founder and leader of student science club

### **2018-2020**

Scientific researcher and research assistant  
Konya Food and Agriculture University, KIT-ARGEM  
Mentor: Mert SUDAĞIDAN (R&D Lab manager of KIT-ARGEM in Konya Food and Agriculture University, mert.sudagidan@gidatarim.edu.tr)  
Research topics: Understanding of biofilm properties of foodborne staphylococcus strains in different media, Antimicrobial effects of an agent on *Staphylococcus aureus* and *Staphylococcus epidermidis*, Antibiogram tests on different bacteria strains. Pathogenic gene analysis

### **Jul 2019- Sep 2019**

Intern in Konya Food and Agriculture University, KIT-ARGEM  
Mentor: Prof. Doc. Veli Cengiz ÖZALP (Medical school of Atılım University, cengiz.ozalp@atilim.edu.tr)  
Research topics: Antimicrobial properties of different volatile compounds and acids.

### **Jul 2020-2021**

Intern and researcher in Konya Food and Agriculture University, KIT-ARGEM  
Mentor: Asst. Prof. Gülcihan GÜLSEREN (Molecular biology and genetics department of Konya Food and Agriculture University, gulcihan.gulseren@gidatarim.edu.tr)  
Research topics: Improvement of phosphatase mimicking fullerenzyme nanostructures and their regenerative applications, Antimicrobial dental implants, Antimicrobial and Antibiofilm Effects of Novel Nisin-Pectin-VVAACK-Palmitate Conjugate Design

### **Aug 2021- Present**

Izmir Institute of Technology- MSc Student & Research Assistant  
Mentor: Prof. Dr. Erdal BEDİR  
Research topics: Secondary Metabolites from Actinobacteria and Their Bioactivities

## **LANGUAGES**

English (C1)  
Turkish (native)

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### **EXAM GRADES**

YOKDIL exam: 95. Result control code 6X76EBU7  
ALES exam: 91.23. Result control code: MDNTV2ZX

### **TECHNICAL QUALIFICATIONS & PUBLICATIONS**

#### **Laboratory experiences**

2018-2020

Mert SUDAĞIDAN's Laboratory- Focused on Microbial Genetics, Bacterial pathogeny.

2020-2021

Asst. Prof. Dr. Gülcihan GÜLSEREN's Laboratory- Focused on Biomaterials, Implant Coating, Antimicrobial Activity.

2021-

Prof Dr. Erdal BEDİR's Laboratory- Focused on Actinobacteria, Natural products, Secondary Metabolites, Antimicrobial Activity.

#### **Publications**

Surface microbiota and associated staphylococci of houseflies (*Musca domestica*) collected from different environmental sources-  
Research Article-February 2022-Microbial Pathogenesis-DOI: 10.1016/j.micpath.2022.105439

Bacterial Microbiota and Chemical Properties of Turkish Tarhana-Research Article-December 2022-Journal of Microbiology,  
Biotechnology and Food Sciences-DOI: 10.55251/jmbfs.9143

Bioinspired Multi-Layer Biopolymer-Based Dental Implant Coating for Enhanced Osseointegration-Research Article-April 2023-  
Macromolecular Bioscience-DOI: 10.1002/mabi.202300057

### **AWARDS/SCHOLARSHIP**

#### **2012**

Painting contest first degree

#### **2016**

University education scholarship

#### **2019**

Poster presentation at 20th National Biotechnology Congress with International Participation - Başkent University

Mentor: Mert SUDAĞIDAN

Title of Project: Gıda kaynaklı stafilokok suşlarının farklı besi ortamlarında biyofilm oluşturma özelliklerinin araştırılması

#### **2021**

TUBITAK 2209A-2020/2

Mentor: Asst. Prof. Gülcihan GÜLSEREN

Title of the project: Antimicrobial and Antibiofilm Effects of Novel Nisin-Pectin-VVAAKK-Palmitate Conjugate Design

URL of acceptance of the Project (List number 1069):

[https://www.tubitak.gov.tr/sites/default/files/4000/2209a\\_2020\\_2\\_destekler.pdf](https://www.tubitak.gov.tr/sites/default/files/4000/2209a_2020_2_destekler.pdf)

#### **2022**

TUBITAK 2210A scholarship

TUBITAK 1001 scholarship & researcher

Poster presentation at PSE2023

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## **CERTIFICATIONS**

**2007**

### **Primary School**

Certificate of honor

**2014**

Certificate of guitar course

**2007-2016**

### **Secondary School-High School**

- 16 Certificates of high achievement
- 2 Certificates of participation
- 3 Certificates of achievement
- 4 Certificates of honour
- 1 Certificate of excellence
- 1 Diploma of secondary school graduate achievement
- 1 Diploma of high school graduate achievement

**2016-2021**

### **Konya Food and Agriculture University**

Certificate of Global English Test (BEDAF) (B1 level)

Certificate of Achievement (KFAU) (B2 Level English as a foreign language)

10 Certificates of Attendance to conferences and congresses

- 1. Konya biotechnology days (Necmettin Erbakan University)
- 20th National Biotechnology Congress with International Participation (Başkent University)
- 2. Konya biotechnology days (Necmettin Erbakan University)
- 1st International food and medicine congress (Hacettepe University)
- Zorlu şartlar altında motivasyon (Etkin kampüs)
- Kişisel farkındalık ve karar alma (Etkin kampüs)
- İş ve sosyal hayatta etkili iletişim (Etkin kampüs)
- 13th Molecular biology and genetics weekend conference (Boğaziçi University)
- Tedx İstanbul (TED conferences)
- Future Summit' 18 (Konya Food and Agriculture University)

## **EXTRACURRICULAR**

### **INTERESTS AND ATTENDANCES**

Being in different microbiology projects

Playing guitar

Playing badminton

Researching scientific and technological news

Researching scientific theories

Experiments about chemistry

Examination nature

Joining to seminars ,fairs,conferences symposiums about technology ,science, books.

Reading books(reality books)

Attendance of online conferences