

Elif COSKUN DAGGECEN
CV

PERSONAL INFORMATION

Name	Elif	
Surname	COSKUN DAĞGEÇEN	
Birth Place and Date	SAKARYA / 13.07.1988	
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EDUCATIONAL INFORMATION

BS. (2006-2011)	Fatih University, Department of Biology (100% Scholarship) GPA: 3.57/4.00
MSc. (2013-2016)	Kahramanmaras Sutcu Imam University Science Institute, Agricultural Biotechnology GPA:3.94/4.00 Thesis Title: Characterization of Cotton Genetic Stock Materials with SSR Markers
Ph.D. (2016- 2021)	Kahramanmaras Sutcu Imam University Science Institute, Agricultural Biotechnology GPA: 3.94/4.00 University College Cork, BioSciences Institute/Microbiology (2019-2020) (PhD thesis research) Thesis Title: Determination of Phage Resistance of Natural Lactic Acid Bacterial Isolates and Evaluation of Starter Culture Potentials
ERASMUS	Wien Bodenkultur University, Faculty of Science, Department of Biotechnology (2018- 2019) Wien Bodenkultur University, Faculty of Science, Department of Biotechnology (2015-2016)

PROFESSIONAL EXPERIENCES

Institution/Organization	Mission	Date
Kahramanmaras Sutcu ImamUniversity Turkey	Assistant Professor	March,2023-Present
AGRISOLVETECH TEKNOLOJI A.Ş	Co-founder, Chief Technology Officer (CFO)	Dec, 2024- Present
Kahramanmaras Sutcu ImamUniversity Turkey	Research Assistant	Aug,2012-March, 2023

PUBLICATIONS, CONFERENCE and PROCEEDINGS

Publication title	Publication place	Date of publication
Isolation, characterization and antibiotic resistance of lactic acid bacteria from dairy and seafood sources	Food Bioscience, 64, 105895	17 Jan 2025
The Power Of The Soil Microbiome In Agricultural Sustainability: Ecosystem Support And Climate Change Resilience	Methods to Fight Problems That Limit Agricultural Productivity – 1, Iksad Publications,	Nov, 2024
Effect of lifestyle on breast milk microbiota	Green Midwifery Practices Book, EFE Publications, page 101-105	Nov, 2023
Metagenomics and volatile profile of Turkish artisanal Tulum cheese microbiota.	Food Bioscience, 45, 101497	February, 2022
Selection of Potential Starter Using Their Transcription Level	ICFSN 2018 : 20th International Conference on Food Science and NutritionParis/ France	27-28 August 2018
Safety Assessment of Dairy Microorganisms, Streptococcus thermophilus and Lactobacillus bulgaricus, Isolated from Traditional Yoghurt Cultures	Turkish Journal of Agriculture-FoodScience and Technology (TURJAF)	17 July 2018
Antibiotic Resistant Of NovelIsolated Lactic Acid Bacteria Strains From Seafood	II. International Multidisciplinary StudiesCongress Adana /Turkey	4-5 May 2018

Isolation, characterisation and identification Lactic Acid Bacteria From Packed Seafood	II. International Multidisciplinary Studies Congress Adana/Turkey	4-5 May2018
Determination of gossypol related markers using association mapping method in cotton	Journal Of Agriculture and Nature	December, 2017
Determination of Nucleotide Sequence of the Plasmid of Lactobacillus bulgaricus isolated from Natural yoghurt.	EMBO EMBL Symposium: New Approaches and Concepts in Microbiology Heidelberg / Germany	27-30 July 2017
Development and application of a molecular method to quantify common food pathogens	EMBO EMBL Symposium: New Approaches and Concepts in Microbiology Heidelberg / Germany	27-30 July 2017
Prospecting Innovative Enzymes via Data Mining	2nd World Conference on Technology, Innovation and Entrepreneurship Istanbul / Turkey	12-14 May 2017
The Assessment of Earliness Related Morphological Characters in Cotton Germplasm	International Conference on Agriculture, Forest, Food Sciences Technologies Nevsehir/Turkey	15-17 May 2017
DNA Barcoding in Plants.	International DNA Day and Genome Congress, Ahi Evran University Kirsehir/Turkey.	24-28 April 2017
BIOLOGY - Biology Schaum's, Department Name: (Interactions of Vascular Plants with Their Environment)	Nobel Publications, Issue number: 1, Number of Pages 472, ISBN: 978-605-320-142-7, (Turkish translation)	2015
Characterizing Cotton Germplasm with SSR Markers	3 rd International Molecular Biology and Biotechnology Congress, International University of Sarajevo, Bosnia and Herzegovina	June, 2014
The effects of Rheum ribes and Rumex Acetosella plant on gastric cancer cell lines	National Biotechnology Student Congress, Istanbul/Turkey	May, 2009

PROJECTS

Project ID	Position	Project Title	Budget	Date
2024/6-23-M (KSU-BAP)	Executive	Microbiome analysis, environmental interaction, isolation and molecular characterization of Streptomyces spp. species with biocontrol potential from high altitude rhizosphere soils of Kahramanmaraş province	162.950 TL	2024-2026
2024/9-18 YLS (KSU-BAP)	Executive	Microbiome Profiling of Medicinal and Aromatic Plant Rhizospheres in Kahramanmaraş Province and Investigation of Ecological Relationships with Soil Properties	52.500 TL	2024-2026
TUBİTAK 1812	Executive	AgriSolveTECH-Innovative and Biotechnological Solutions for Sustainable Agriculture	900.000TL	2024-2025
124O041 (TUBİTAK 1001)	Researcher	Molecular, Biological Characterization and Epidemiology of Two Potentially New Grapevine Viruses Identified by High-Throughput Sequencing	1.200.000TL	2024-2027
2024/4-11 M (KSU-BAP)	Researcher	Molecular Characterization of Grape Varieties Grown in Dulkadiroğlu District Using SSR and EST-SSR Markers	121.317TL	2024-2025
KSU-BAP	Researcher	Mapping of Markers Related to Fiber Technological Properties Using Pure Line Inbred (RIL) Population (F6) in Cotton and Determination of Variety Candidates with Superior Fiber Technological Properties Suitable for Kahramanmaraş Conditions	68.000TL	2022-2024
KALKINMA BAKANLIĞI	Instructor	Local Food Security in Climate Change	26.700TL	2022-2023
KAMU	Instructor	Protecting Food Safety Against Climate Change Impacts: Food Safety Volunteers	53.235TL	2022-2023
SUBU-BAP	Researcher	Microcomputer Controlled Programmable Full Spectrum LED Luminaire Design	29.975TL	2022-2023
2020/4-12 D (KSU-BAP)	Researcher	CRISPR Locus Analysis in Natural Streptococcus Thermophilus Isolates and Correlation with Phage Resistance Potential.	14000TL	2020-2021
2014/2- 52YLS (KSU-BAP)	Researcher	Characterization of Cotton Genetic Stock Materials with SSR Markers	12000TL	2014-2015

TRAINING

Program Name	Details	Date
Erasmus Internship	I worked on bacteriophage and Crispr loci in the DvS laboratory at College Cork University.	2020
Guest Researcher	I worked on CRISPR loci in the DvS laboratory at College Cork University	2019-2020
Erasmus Staff Mobility	I went to Pannonia University for a one-week technical visit.	2017
TUBITAK Entrepreneurship and Project Preparation Training	TUBITAK 1512 girişcilik scope of the project, I received a detailed training on business plan and budget preparation.	2013

AWARDS

- YUDAB International Doctoral Research Scholarship (2019-2020)
- ERASMUS Scholarship for Internship (2020)
- The Best Presentations Award, ICFSN2018: 20th International Conference on Food Science and Nutrition, FRANSA, 2018
- ERASMUS Scholarship for PhD Education (2018- 2019)
- ERASMUS Scholarship for Master Education (2015 - 2016)
- TUBITAK Priority Areas Scholarship for Master thesis (2014 - 2015)
- Master Scholarship from High Education Council of Turkey (2013 - 2015)
- Fatih University Full Undergraduate Scholarship (2006- 2011)
- Fatih University Book Scholarship (2006 -2011)
- Republic of Turkey Presidency Undergraduate Scholarship (2007-2011)
- National Biotechnology Student Congress 3rd Rank on Oral Presentation (2009)
- Private ENKA Education Association High School, Full Scholarship, (2002-2005)

SCIENTIFIC INTERESTS

Microbial Biotechnology, Bacteriophage, Sustainable Development, CRISPR-Cas Systems, Genome Editing, Bioinformatics, Next Generation Sequencing, Microbiome - Microbiota, Metagenomics studies