Destina Ekingen Genç

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●Department of Chemical Engineering, Boğaziçi University, Bebek 34342, Istanbul, TURKEY

Education

MS: 2022-present

Bogazici University

Department of Chemical Engineering

BS: 2017-2022

Bogazici University

Department of Chemical Engineering

- Honors degree
- GPA: 3.16/4

High School: 2013-2017

Canakkale Private Science High School

- Graduated as valedictorian
- Full scholarship

Research Experience

Master:

February 2023- present

Bogazici University

Department of Chemical Engineering, Ulgen Research Group

January 2023 – February 2023

Middle East Technical University

Cancer Systems Laboratory (CanSyL)

Undergraduate:

October 2021-July 2022

Bogazici University

Department of Chemical Engineering, InBioTech Laboratory

September 2020-July 2022

Canakkale Onsekiz Mart University

Department of Chemistry**,** Nanotechnology Center

Conference/ Publications

Publications:

In progress:

2024	Submitted review article
	Title: "Understanding The Gut-Brain Axis in Rheumatoid Arthritis as a Model of Autoimmune Diseases"

Published:

2023	Title: "Phytochemicals in pancreatic cancer treatment: A machine learning study."
	doi: 10.1021/acsomega.3c05861
	Journal: ACS Omega

Conferences:

September 2023	National Chemical Engineering Congress, in person
	"Fitokimyasalların Pankreas Kanseri Üzerindeki Etkilerinin İstatistiksel İncelemesi" (original)
	"Statistical Analysis of the Effects of Phytochemicals on Pancreatic Cancer" (english)
August 2023	ACS- MEDI, online
	"Using machine learning techniques to investigate the effectiveness of phytochemicals in cancer treatment"

Scholarships

March 2023- present	Turkish Scientific and Technical Research Council (TUBITAK)
	2210-A National MSc/MA Scholarship Program
November 2022- April 2023	Scientific Research Projects Scholar
	Project number: 17481

Internships

July 2021-August 2021	Production Intern, Turkish Aerospace
July 2020–August 2020	Production Intern, Dardanel Onentaş Gıda Sanayi A.S.

Interest

Research Interests:

Metabolic engineering, computational biology, targeted drug delivery, biotechnology