

# MIRAY KURTOGLU

Molecular Biologist

Environmental Biotechnologist

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## EDUCATION

### MSc Biotechnology

2023 – 2025

[Izmir Institute of Technology](#) 120 ECTS in total - GPA 3.79/4.00

Izmir, Turkey

- **Master's Thesis**

Bioremediation of marine sediments contaminated by a mixture of persistent organic pollutants.

The research project was funded by the Scientific and Technological Research Council of Turkey ([TUBITAK](#)) under the Grant No: 122Y005.

**Advisor:** Assist. Prof Dr. Hale Demirtepe

### BSc Molecular Biology and Genetics

2014 – 2018

[Izmir Institute of Technology](#) 240 ECTS in total - GPA 2.78/4.00

Izmir, Turkey

- **Undergraduate Research**

Molecular mechanisms conferring metalloid resistance and tolerance to yeast cells.

### Traineeship

2017

[Palacký University & Institute of Experimental Botany AS CR](#)

Olomouc, Czech Republic

- **Supervisor: Jiří Voller PhD.**

The effects of plant hormones on the aging of *C. elegans*.

### BA American Culture and Literature

2020 – 2024

[Dokuz Eylul University](#) 240 ECTS in total - GPA 3.87/4.00

Izmir, Turkey

- Postmodern American Literature
- Ecofeminist Theory, Gender studies
- Romanticism, Gothic Tradition in American Literature

## ACHIEVEMENTS AND SCHOLARSHIPS

**Scholarship:** Granted by the [Ministry of Youth and Sports](#) upon achieving high rankings in national university entrance exams.

## LANGUAGES

**Turkish:** Native

**English:** Fluent

**German:** Elementary, Goethe Institute - A2

**Spanish:** Elementary, A1

## SKILLS & INTERESTS

**Skills:** Advanced Molecular Biology Techniques, R Programming (Basic), Multivariate Data Analysis, Bioinformatics Tools

**Research Interests:** Microbial Biotechnology, Semivolatile Organic Compounds, ...

**Interests:** Dancing, Stray animals / animal care, Linguistics, Humanities.