

Dimitra Taki

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EDUCATION

University of Crete

2021--2025

Department of Chemistry, University of Crete (Heraklion, Greece)
Relevant Courses; Biochemistry I (9 /10), Biochemistry Lab (9.5 /10), Advanced Biochemistry Lab (9 /10) Analytical Chemistry Lab II (9 /10)

High School Diploma

2021

High School Diploma, Thiva, Voiotia, Greece
Grade: 19,4 / 20

SCIENTIFIC EXPERIENCE

Internship

07/2025 - 09/2025

SyNoesis Therapeutics- Foundation for Recsearch and Technology Hellas, Heraklion, Crete

Bachelor's Thesis

02/2025 - 06/2025

Dynamic Structural Biology Laboratory - Institute of Molecular Biology & Biotechnology - Foundation for Recsearch and Technology Hellas, Heraklion, Crete

VOLUNTEERING

Chemistry Outreach Group

04/2023 - Now

Member of Chemistry Outreach Group of University of Crete
Materials and buffers preparation, Design of Experiments and demonstration of chemistry experiments in schools and events (Researchers' Night - IMBB FORTH, 2023)

PROJECTS

Analytical Biochemistry

Project

10/2024

Group Project with title; "Developing a Protein Scaffolding System for Rapid Enzyme Immobilization and Optimization of Enzyme Functions for Biocatalysis"
Bibliography research & presentation of a scientific paper

Project Benford's Law

03/2024-05/2024

Research Project - Application and utility of Benford's Law in Analytical Chemistry
Data analysis and graph plotting using Microsoft excel

Biology Group Project

05/2022

Group Project - course of "Introduction to Biology", Project title; "Applications of biotechnology in pharmaceutical industry"
Bibliography research and presentation of the project (grade 9 / 10)

SKILLS AND INTERESTS

Useful tools

Knowledge of Microsoft Office (excel, word, power point) , Libre Office, OriginLab (software) , ChemDraw, Pymol, Canva (craft and design tool)

Language

- Greek (native)
- English (Certificate in English (ESB), level B2)
- French (Diplôme d'études en langue française DELF B2, level B2)

Lab Skills

UV-Vis Spectrometry, IR Spectroscopy, SDS-PAGE electrophoresis, Protein Expression & Purification, Affinity Liquid Chromatography, Gas Chromatography, single molecule Förster resonance energy transfer (smFRET)

Soft Skills

Understanding, observant, calm, cooperative, responsible, polite, critical thinking

Interests

Learning about Science through relevant websites (JoVE,edX),
art (drawing, painting, crafts), music (acoustic guitar)