



Dhivija kothuri

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PERSONAL PROFILE :

Graduated from Masters in Medical biotechnology specializing in Advanced Technologies (Expected graduation in march 2025)|Department of Molecular Medicine and Medical biotechnology. I am dedicated to advancing healthcare through cutting-edge biotechnological solutions. My expertise includes oncolytic viro-therapy, gene editing, and bioinformatics. Passionate about developing novel therapies and diagnostics for complex medical challenges.

CAREER OBJECTIVE : Molecular biologist specializing in cancer therapeutics and gene editing, driven to develop innovative treatments that save lives.

WORK EXPERIENCE :

- **Istituto scoule pie neapolitane** - Biology , chemistry teacher 03-11-2025 to present
- **Istituto Montessori Pozzouli** - English Teacher 12-04-2025 to 30-06-2025
- **Biolim institute for technology and science** - Research associate role 07-05-2022 to 05-06-2022

Participated in research projects, designing research project and planning research budget

INTERNSHIPS :

- **Biotechnika** - Bioinformatics industry Intern 10-10-2025 to present
 - **Biosilicon labs** - Bioinformatics intern 01-05-2025 to present
 - **Ceinge biotecnologie avazante** - Intern 04-12-2025 to 27-03-2025
 - **BDG Lifesciences** - Insilico training and Genetic engineering 01-04-2022 to 05-05-2022
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EDUCATION AND TRAINING :

- **University of Naples Federico II** Masters in Medical biotechnology 09-11-2022 to 27-03-2025
www.unina.it
 - **Chaitanya Deemed to be University** Bachelors in Biotechnology, 12-07-2018 to 05-05-2022
www.cdu.in Microbiology and chemistry.
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PROJECTS :

- a) Development of GD-2 targeted HSV-1 for the treatment of Neuroblastoma.
 - b) Genetically engineered microbes for the disease treatment.
 - c) Precision medicine approaches in diabetes.
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RESEARCH LABORATORY & TECHNICAL SKILLS :

Research Laboratory skills

Cell culture maintenance, viral transfection and infection, recombinant DNA techniques, PCR and real-time PCR, DNA/RNA extraction, FACS, immunofluorescence, Western blotting, ELISA, Agarose gel electrophoresis.

Technical skills

Scientific data analysis, effective scientific communication, teamwork, research presentations and collaborative research, video editing, poster presentation.

REFERENCES :

Prof. Nicola Zambrano

University of Naples federico II
Department of Molecular medicine
and Medical Biotechnology

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Assistant prof. Emanuele sasso

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