



Paolo Cannata

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ABOUT MYSELF

Graduated in Biomolecular, Genomic, and Cellular Sciences with a rigorous academic background and a proactive approach to research and laboratory work. Currently pursuing a PhD, where I am expanding my expertise in CRISPR-Cas9 genome screening to identify novel epigenetic regulators in 3D human bronchial epithelial cell models of COPD. Previously developed solid technical skills through hands-on experience during an internship at the Department of Biochemistry and Molecular Biology at the University of Parma, where core molecular biology techniques were acquired and key soft skills such as team work, communication and time management were strengthened. Highly adaptable to new work environments, with a flexible mindset and strong sense of responsibility.

WORK EXPERIENCE

University of Parma - Italy, Parma

Undergraduate Internship

[01/05/2024 - 31/03/2025]

- Preparation and maintenance of cell cultures
- Genomic screening using CRISPR/Cas9 technology
- Application of basic molecular biology techniques

EDUCATION & TRAINING

Master's Degree in Biomolecular, Genomic, and Cellular Sciences

University of Parma [01/05/2024 - 31/03/2025]

City: Parma | **Country:** Italy

Level in EQF: 7

Bachelor's Degree in Biological Sciences

University of Florence [01/02/2019 - 01/05/2019]

City: Florence | **Country:** Italy

Level in EQF: 6

LANGUAGE SKILLS

Mother tongue(s): Italian

English

LISTENING: B2 **READING:** B2 **WRITING:** B2

SPOKEN PRODUCTION: B2

SPOKEN INTERACTION: B2

SKILLS

Cell Culture (cell freezing, cell thawing, cell passage and cell counting) | Gene Cloning (Designing Plasmid Vector, Transformation, Colony Screening) | Molecular Biology | DNA/RNA extraction and PCR | CRISPR/Cas9 technology | Immunostaining | use laboratory equipment | Organoid cell culture | PCR and RT-qPCR