

DAVIDE PEZZINI

PERSONAL INFORMATIONS

E-mail: davide.pezzini01@universitadipavia.it

Citizenship: Italian

PhD Student in Genetics, Molecular and Cellular Biology, University of Pavia.

PhD INFORMATIONS

- **Supervisor:** Prof. Anca Macovei
- **Co-supervisor:** Prof. Alma Balestrazzi
- **Title project:** "Seed repair response – from models to crops"

EDUCATION

OCTOBER 2022 – APRIL 2025

MASTER'S DEGREE IN ADVANCED BIOTECHNOLOGY, UNIVERSITY OF PAVIA

- Participation in the "master's degree plus" project;
- Part-time Assistant at the Mathematics Department Information Office;
- Thesis project: "adaptation of microbiological analysis methods from the food sector to the cosmetic industry: focus on enterobacteria and thermotolerant coliforms". Supervisor: Prof. Edda De Rossi;
- Grade: 110/110 cum laude.

OCTOBER 2019 - OCTOBER 2022

BACHELOR DEGREE IN BIOTECHNOLOGY, UNIVERSITY OF PAVIA

- Thesis project: "Immunomagnetic isolation of circulating human reticulocytes: observations on qualitative and quantitative aspects" Supervisor: Prof. Giampaolo Minetti.
- Grade: 110/110.

SEPTEMBER 2014 - JULY 2019

AGRICULTURE, AGRIFOOD AND AGROINDUSTRY DIPLOMA, ITAS G. PIAZZI,
SONDRIO

- Grade: 94/100.

EXPERIENCES

MARCH 2024 – FEBRUARY 2025

LM+ CURRICULAR TRAINEESHIP

BIOBASIC EUROPE, PAVIA

- Laboratory Technician for Microbiological Quality Control tests of Cosmetics;
- Obtained certification to perform microbiological quality control analyses on cosmetics in compliance with UNI EN ISO and European Pharmacopoeia standards;
- Successful development of new tests for the microbiological quality control of cosmetics.

MARCH – JUNE 2022

BACHELOR'S THESIS INTERSHIP

BLOOD BIOCHEMISTRY LABORATORIES, UNIVERSITY OF PAVIA

- Collaboration on a Project for the Isolation and Characterization of Circulating Human Reticulocytes Using Immunomagnetic Isolation and Protein Analysis;
- Contribution to a Study on Red Blood Cell Aging and Reticulocyte Maturation Led by Professor G. Minetti.

LANGUAGE KNOWLEDGE

- Italian: native language
- English: fluent

COMPETENCES

- **Instruments:** Optical microscope, spectrophotometer, centrifuges, laminar flow hoods.
- **Techniques:** SDS-PAGE electrophoresis, Western blotting, cell separation, blood handling, microbiological analyses, Gram staining, Aseptic handling and maintenance of microbial cultures.
- **Bioinformatics skills:** Basic knowledge of R programming and PyMOL.

Date and signature

Pavia, 08/10/2025

