

WORK EXPERIENCE

Trainee

University of Pavia | Department of Drug Sciences | Laboratory of Chemical-Toxicological Analysis of Nutraceuticals and Foods
October 2019 - October 2020

- Evaluation of the antiglycant activity on plants-based samples
- Chemical analysis (HPLC) of pharmaceutical products (food supplements)
- In vitro digestion

Trainee

University of Siena | Department of Life Sciences | Laboratory of Plant Molecular Biology
January 2018 - September 2018

- Pollen sampling and germination
- Extraction of soluble proteins
- Purification of tubulin (HPLC)
- SDS-PAGE and 2D electrophoresis
- Western blot

EDUCATION

University of Pavia

Master's Degree in Advanced Biotechnology (LM-8)

- Degree awarded with the grade 110/110 cum laude (4.0 GPA)
- Research project: "Antiglycant activity of potato waste products (*Solanum Tuberosum* L.)"

University of Siena

Bachelor's Degree in Biotechnology (L-2)

- Degree awarded with the grade 108/110 (4.0 GPA)
 - Research project: "Analysis of post-translational modifications of tubulin in tobacco pollen subjected to cold stress"
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PROFESSIONAL SKILLS

- Short experience in microbiology (preparation of bacterial cultures, antibiogram)
- DNA and RNA extraction, PCR
- HPLC
- SDS-PAGE and 2D electrophoresis
- Western blot
- Spectrophotometer, spectrofluorimeter

- Ability to use the main Office applications: Word, Excel, PowerPoint (vers. 16.0)
- Knowledge of the main systems operating: Windows, Android, Linux
- Basic knowledge of the Python programming language

LANGUAGE SKILLS

English: intermediate level