

Curriculum Vitae



Personal Information

Last and First Name	Fosso Fabiana
Address	7, Via Colle Agnelone, 02030, Torricella in Sabina (RI), Italia
Phone	0765 884440
Mobile	340 7729664
E-mail	fabianafosso96@gmail.com
Citizenship	Italian
Date of birth	22/05/1996
Gender	F

Professional Experience

From 01/06/2024 to 31/01/2025	<p>Post-graduate Research and Scholarship (Duration: 8 months) Scientific-disciplinary sector SSD CHIM-06, titled "Preparation of Nanostructured Natural Biofillers", under the supervision of Professor Raffaele Saladino.</p>
Employer's Name and Address	Department of Ecological and Biological Sciences, University of Tuscany, Viterbo.
Type of Activity or Industry	<p>Development of nanostructured natural biofillers, design of a biodegradable bioplastic blend, organic synthesis execution, and application of analytical techniques such as infrared spectroscopy, nuclear magnetic resonance (NMR), high-performance liquid chromatography (HPLC), spectrophotometry, and spectrofluorimetry.</p> <p>The work carried out strengthened experience in organic synthesis, characterization, and analysis of nanostructured products, contributing to the development of more sustainable solutions for the materials industry.</p>
From 01/06/2021 to 30/11/2022	Apprenticeship Contract (Duration: 18 months)
Employer's Name and Address	PhenoFarmSrl, a leading company in the production of natural ingredients and flavors, obtained from local plant-based raw materials and intended for the food, feed, nutraceutical, or cosmetic sectors. Specifically, using a patented, solvent-free, and eco-sustainable process, it produces natural olive extracts, rich in polyphenols. The company is located in Scandriglia, Rieti province.
Type of Activity or Industry	<p>Laboratory activities related to quality control and safety during processing stages of plant-based products: sensory analysis, measurement of pH, electrical conductivity, density, relative humidity, spectrophotometric analysis of polyphenolic content, determination of peroxides and acidity of EVO oil.</p> <p>The work carried out consolidated the experience from the previous internship in the same company, with particular reference to determining the polyphenolic content in extracts derived from production waste.</p>
From 26/10/2020 to 29/05/2021	Curricular Internship (100 hours + two additional extracurricular months)
Employer's Name and Address	PhenoFarmSrl (Scandriglia, RI)

Type of Activity or Industry	Laboratory activities related to the quality control of plant-based products using instruments such as pH meters, densimeters, and UV/Vis spectrophotometers.
From 09/11/2017 to 08/11/2018	Curricular Internship of 350 hours.
Employer's Name and Address	Regional Nature Reserve of Lungo and Ripasottile Lakes, a protected area of 3,278 hectares in the province of Rieti.
Type of Activity of Industry	Forest-Environmental Activities: use of GIS, monitoring and identification of flora and fauna, damage assessment due to the presence of certain animal species, data collection and subsequent input, processing, and management of the data.
Education and Training	
19/04/2024	<p>Master's Degree in Biotechnology for Agro-Food Safety and Quality (LM 7 class) Final grade: 110/110 with honors, discussing an experimental thesis in organic chemistry (SSD CHIM/06) titled "Synthesis and Evaluation of the Antioxidant Activity of Gallic Acid Esters". Supervisor: Prof. Roberta Bernini; Co-Supervisor: Dr. Andrea Fochetti. The research focused on the synthesis of alkyl derivatives of gallic acid using an efficient and sustainable procedure, and the determination of the antioxidant power of the isolated esters using spectrophotometry. The experimental work involved setting up synthesis reactions, monitoring them by thin-layer chromatography, processing reaction crude materials, purifying them by column chromatography, and NMR characterization of the pure isolated products.</p>
Name and Type of Education and Training Organization	University of Tuscia, Viterbo
19/03/2019	<p>Bachelor's Degree in Sciences (L 25 class) Final grade: 110L/110 with experimental thesis in environmental and wildlife resource management titled "The Fauna Community of the Ripasottile Lake Herony: An Overview of the Last Decade." Supervisor: Prof. Settimio Adriani; Co-Supervisor: Ornithologist Maurizio Sterpi. The research focused on monitoring the five bird species residing in the Herony within the reserve and proposing new measures necessary for the protection of this specific habitat.</p>
Name and Type of Education and Training Organization	University of Tuscia, Viterbo
07/2015	<p>Classical High School Diploma Final grade: 78/100</p>
Name and Type of Education and Training Organization	Marco Terenzio Varrone Classical High School (RI)
Personal Skills and Competences	
Mother Tongue	Italian

