



CARMEN CARRIERI

CURRICULUM VITAE



Date of birth / **04/08/1999** Age / **26**
Place of birth / **ESSLINGEN (GERMANIA) (EE)**
Nationality/ citizenship / **Italy**
Strada Aurelio Saffi, 29, 43125 PARMA (PR)
Driving licence / **B / Car available**
ID/5412356 updated on **12/02/26**

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FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): **Italian**



ENGLISH
GOOD **B2** **B2** **B2** **B2** **B2**

DIGITAL COMPETENCES

DigComp

Information and data literacy **Independent user**
Communication and collaboration **Proficient user**
Digital content creation **Proficient user**
Safety **Independent user**
Problem solving **Independent user**

EXPECTATIONS AND FEATURES OF THE DESIRED JOB

INTENTION TO CONTINUE STUDIES: **Yes /**
Doctoral studies

PREFERRED DISTRICT TO WORK IN: **1. PARMA**

AVAILABILITY FOR BUSINESS TRAVELS:
Yes, even frequently

AVAILABILITY TO RELOCATE ABROAD:
Yes, even in non-European countries



WORK EXPERIENCES

PhD student UNIVERSITÀ DEGLI STUDI DI PARMA

*Education, training,
research and development*
PARMA (PR)
11/2025 - present

Main activities and responsibilities: PhD in Food Science
My PhD project focuses on the characterisation of circulating bioactive compounds and gut microbiota-host interactions using LC-MS metabolomics in patients with lung cancer.
Employed as: other - fixed-length contract

Research fellow UNIVERSITÀ DEGLI STUDI DI PARMA

*Education, training,
research and development*
PARMA (PR)
03/2024 - 10/2025

Main activities and responsibilities: The most important project I have worked on is the NOVELTY (AcorN: a forgotten resource to be rediscovered and valorised in the production of good and healthy foods). I'm focusing on studying the in vitro metabolism of (poly)phenols in acorn-based products. The project also involves an in vivo metabolism study using engineered D. melanogaster with Parkinson's disease and one wild type, to observe the presence of circulating metabolites and their potential effect on the brain.

I have been involved in other research projects and studies, including the Activ Bioavailability Study aimed to compare plasma kinetic profile and urinary excretion of the main flavanol metabolites from grape extracts in adult participants.

Acquired skills and achieved objectives: The laboratory skills I acquired mainly concern the extraction of (poly)phenols from food and biological samples, including urine, plasma, faeces, and animal organs.

In the field of analytical chemistry, I developed expertise in metabolomics analysis using ultra-high-performance liquid chromatography coupled with electrospray ionisation mass spectrometry (UHPLC-ESI-MS/MS), subsequent data processing (e.g. identification and quantification of phenolic compounds and their metabolites) to conclude with statistical analysis.

Furthermore, I gained experience in the management of trainees, from explaining all laboratory techniques and rules to correcting elaborated theses.

Trainee UNIVERSITÀ DEGLI STUDI DI PARMA

*Education, training,
research and development*
PARMA (PR)
12/2022 - 06/2023

Main activities and responsibilities: The main activities carried out as part of the 'Oral (Poly)phenol Challenge Test (OPCT)' intervention study include assessing food consumption using the EPIC food frequency questionnaire, managing biological samples (urine, blood and faeces) in the laboratory, assessing the anthropometric composition of volunteers, and assessing subjects' cardiometabolic risk using risk scores.

Employed as: intern/trainee - undergraduate internship | Number of hours: 275



ACADEMIC STUDIES

MASTER'S DEGREE 2021 - 2023 CERTIFIED TITLE



**UNIVERSITÀ
DI PARMA**

Università degli Studi di PARMA Dipartimento di Scienze degli Alimenti e del Farmaco SCIENZE DELLA NUTRIZIONE UMANA

LM-61 - 2nd level degree in Nutrition and health sciences

Dissertation/thesis title: Evaluation of cardiometabolic risk and association with aggregate phenolic metabolites within the Oral (Poly)phenol Challenge Test (OPCT) | Thesis supervisor: MENA PARRENO PEDRO MIGUEL

BACHELOR'S DEGREE
2018 - 2021
CERTIFIED TITLE



**Università
degli Studi
di Ferrara**

Age at graduation: 24 | Official duration: 2 years
Final degree mark: **110/110**
Graduation date: 13/10/2023

Università degli Studi di FERRARA
Dipartimento di Scienze della Vita e Biotecnologie
SCIENZE BIOLOGICHE

L-13 - 1st level degree in Biology

Dissertation/thesis title: Development of innovative techniques for studying cellular electrical activity | Thesis supervisor: RISPOLI GIORGIO

Age at graduation: 21 | Official duration: 3 years
Final degree mark: **110/110**
Graduation date: 26/07/2021

SCIENTIFIC CERTIFICATE
2018

School-leaving examination mark: **96/100**
Kind of secondary school diploma: Italian secondary school diploma



INFORMATION TECHNOLOGY SKILLS

OFFICE AUTOMATION

Office Suite: (Intermediate) | **Presentation Software:** (Advanced) |
Spreadsheets: (Advanced) | **Web Browser:** (Advanced) | **Word Processors:** (Advanced)

SYSTEMS AND NETWORKS MANAGEMENT

Operating systems: (Intermediate)

GRAPHICS AND MULTIMEDIA

(Advanced)



CONFERENCES AND SEMINARS

CONFERENCES

03/06/2025

5th International Conference on Food Bioactives & Health , Marseille
The topics included (poly)phenols, carotenoids, glucosinolates, fatty acids and others—addressing their bioaccessibility, bioavailability, metabolism, and health effects. Some sessions focused on personalized nutrition and gut microbiota.
Character: Poster presenter

CONVENTIONS

04/06/2024

XLIV Congresso nazionale SINU (Società Italiana di Nutrizione Umana)
, Piacenza

CONVENTIONS

25/11/2022

LOTTA ALLO SPRECO: strategie nella ristorazione collettiva , SINU e
Università di Parma