



Margherita Marino

ID: CA52479YP | [REDACTED]

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ABOUT ME

PhD in Chemical Sciences, specialized in advanced analytical methodologies, with particular expertise in mass spectrometry (MS) and HPLC/UHPLC.
Consolidated experience in research and development, focused on complex problem-solving and process innovation.

WORK EXPERIENCE

PHD STUDENT – UNIVERSITY OF FLORENCE - FISCHER ANALYTICS – 01/11/2022 – 31/10/2025 – FLORENCE - BINGEN AM RHEIN, ITALY

- Solid Phase Peptide Synthesis (SPPS) manual and automatized
- Protein expression and purification
- Manipulation of bacterial DNA
- Liquid chromatography (SEC, HIC, IEX, Protein-A, RP, MMC) both in analytical and preparative modes (HPLC, UHPLC, ÄKTA protein purification)
- LC-MS and LC-MS/MS
- UV-Vis Spectroscopy
- Gel Electrophoresis
- Knowledge of MassLynx, Xcalibur, Unicorn, ChemStation, FragiPipe, UniDec, ChemDraw
- Microsoft Office
- Origin

SCHOLARSHIP-FUNDED TUTOR – BLENDED EXECUTIVE PROGRAMME (BEP) - SHARE_AFRICA PROJECT – SCIENCE HUBS FOR ADVANCED RESEARCH & EDUCATION WITH AFRICA – UNIVERSITY OF FLORENCE

– 01/12/2025 – 28/02/2026 – FLORENCE (ITALY) - CARTHAGE (TUNISIA)

SHARE_AFRICA Project – Science Hubs for Advanced Research & Education with Africa

- Selected through a competitive call as scholarship-funded tutor for the Blended Executive Programme “Sustainable Business for New Challenges”
- Provided academic and organizational support to faculty members and international participants
- Tutoring activities carried out in a blended (online and in presence) and multicultural learning environment (Europe–Africa)
- Facilitated coordination, communication, and learning activities throughout the programme

EDUCATION AND TRAINING

01/11/2022 – 31/10/2025 Firenze, Italy

PHD STUDENT University of Florence - Fischer Analytics

Address via della lastruccia 13, Sesto F.no (FI), 50019, Firenze, Italy |

Website <https://www.chim.unifi.it/vp-110-about-the-department.html?newlang=eng>; <https://fischer-analytics.com/en/> |

Field of study Chemistry, Biological and related sciences not further defined

01/11/2023 – 30/05/2025 Heidelberg , Germany
VISITING SCIENTIST University clinic of Heidleberg

Website <https://www.klinikum.uni-heidelberg.de/radiologische-klinik/nuklearmedizin/forschung/radiopharmazeutische-chemie> |

Field of study Biochemistry , Chemistry

01/09/2024 – 28/02/2025 Bingen am Rhein, Germany
VISITING SCIENTIST Fischer Analytics

Field of study Natural sciences, mathematics and statistics

15/01/2022 – 28/07/2022 Groningen , Netherlands
ERASMUS+ TRAINEE STUDENT University of Groningen

Website <https://walvoortlab.com/marthe-walvoort/> | **Field of study** Chemistry

22/10/2020 – 19/10/2022 Florence, Italy
MASTER THESIS University of Florence

Website <https://www.peptlab.unifi.it/> | **Field of study** Biochemistry , Chemistry | **Final grade** 110 cum laude |

Thesis Expression and enzymatic activity studies of beta-galactosidase and N- glycosyltransferase

15/09/2016 – 22/10/2020 Florence, Italy
BACHELOR THESIS University of Florence

Website <https://www.peptlab.unifi.it/> | **Field of study** Chemistry | **Final grade** 102 |

Thesis Synthesis of functionalized phenyl boronate ChemMatrix® Rink resins to capture glycated peptides in diabetes

15/09/2011 – 10/06/2016 Florence
HIGH SCHOOL DIPLOMA Liceo Statale Nicolò Machiavelli

Field of study Inter-disciplinary programmes and qualifications involving education |

Final grade International Scientific Diploma, simultaneous awarding of a double state diploma |

Thesis French Baccalauréat and Italian Diploma

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	C1	B2
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Social Media | Google Drive | Organizational and planning skills | Good listener and communicator | MassLynx Mass Spectrometry Software - Waters | Xcalibur™ (Thermo Fisher Scientific) | Software ChemStation OpenLab Agilent for HPLC | Unicorn 5.1 Software | FragPipe | UniDec | Molecule editor ChemDraw | Origin Pro 7.0

● CONFERENCES AND SEMINARS

15/06/2025 – 19/06/2025 Bruges (Belgium)
54th International Symposium on HPLC Separations

Poster & Oral Pitch Presentation: "Antibody–Drug Conjugates: a strategy of purification and characterization"

12/01/2026 – 15/01/2026 Florence (Italy)

PiCSU2026

Oral presentation

14/01/2025 – 17/01/2025 Florence (Italy)

PiCSU2025

Flash oral presentation

09/09/2024 – 14/09/2024 Erice (Italy)

2nd International Mass School - Ion Mobility Mass Spectrometry

Poster session

25/08/2024 – 29/08/2024 Florence (Italy)

37th European Peptide Symposium and 14th International Peptide symposium

Poster session

23/01/2024 – 26/01/2024 Florence (Italy)

PiCSU2024

Flash oral presentation

23/09/2023 Florence (Italy)

Scientific day - ItPS

Scientific day dedicated to young researchers of ItPS

25/01/2023 – 27/01/2023 Florence (Italy)

PiCSU2023

Poster session

● **ORGANISATIONAL SKILLS & MEMBERSHIPS**

01/11/2023 – CURRENT

ItPS (Società Italiana Peptidi) and EPS (European Peptide Society)

I'm a member of ItPS (Società Italiana Peptidi) and EPS (European Peptide Society).

Member of the local organizing committee 37th European Peptide Symposium (EPS) and 14th International Peptide Symposium (IPS).

● **HONOURS AND AWARDS**

2024

Travel Grant – European Peptide Symposium (EPS)

Winner of Travel Award Grant funded by 37th European Peptide Symposium (EPS) and 14th International Peptide Symposium (IPS) (Florence, Italy).

● **PROCEEDINGS**

Poster communication 37th European Peptide Symposium 2024

Marino M., Paolo Rovero, Walter Mier, Hendrik Rusche, Anna Maria Papini.

"Innovative liquid chromatographic-mass spectrometric technologies to purify and identify biologically active antibody-drug conjugates"

<https://doi.org/10.17952/37EPS.2024.P2136>

Poster communication 37th European Peptide Symposium 2024

F. Nuti, M. Marino, P. Ledwon, R. Latajka, A. Lapolla, M. Chorev, P. Rovero, A.M. Papini.

● **DRIVING LICENCE**

Driving Licence: B

● **HOBBIES AND INTERESTS**

Sport and Literature

I am an active and proactive person, motivated to contribute ideas and share perspectives while maintaining an open and reflective mindset. I am a good listener and approach discussions with curiosity and respect, avoiding hasty judgments.

I have a strong interest in cultural exchange and enjoy interacting with people from different backgrounds.

In my free time, I help children with their studies and collaborate with an association that hosts international guests during the summer season. Through these experiences, I have developed core coaching, mentoring, and team-building skills, which are now an integral part of my personal and professional approach.

I am passionate about sports, running and swimming are my favourite. I competed in swimming at a high level and enjoy long-distance running. I also love hiking and organising outdoor activities and trips with friends, which further strengthen my sense of teamwork and leadership.

I value continuous learning and maintain an open mindset through reading and music. Reading allows me to broaden my perspective and deepen my critical thinking, while music is a source of inspiration and cultural discovery

Sesto Fiorentino, 15/03/2026

