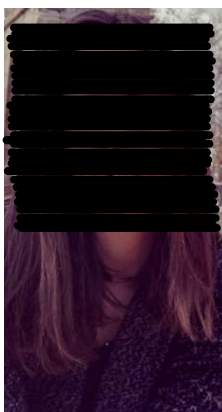





PERSONAL INFORMATION



Olimpia Follero

 [Redacted]
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CURRENT POSITION

Graduated in Chemical Sciences

WORK EXPERIENCE

April 2021 – December 2021

Master's thesis internship in Organic Chemistry

University "Federico II" of Naples (Italy), Dept. of Chemical Sciences
 Complesso Universitario di Monte Sant'Angelo, via Cintia, 26, 80126, Naples (Italy)
 Supervised by prof. Emiliano Bedini

- Synthesis of phosphorylated polysaccharides
- Application of a new phosphorylation method and comparison with standard literature methods. Analysis of phosphorylated products by one- and two-dimensional spectroscopy.

Business or sector Scientific research

June 2021 - July 2021

Practical training in classical chromatographic techniques

University "Federico II" of Naples (Italy), Dept. of Chemical Sciences
 Complesso Universitario di Monte Sant'Angelo, via Cintia, 26, 80126, Naples (Italy)
 Supervised by prof. Antonio Evidente

- Methods of extraction and purification of bioactive metabolites from pathogenic fungi of plants of agricultural and forestry interest

Business or sector Practical training

September 2018 - December 2018

BSc thesis internship in Bioinorganic Chemistry

University "Federico II" of Naples (Italy), Dept. of Chemical Sciences
 Complesso Universitario di Monte Sant'Angelo, via Cintia, 26, 80126, Naples (Italy)
 Supervised by prof. Annalisa Guaragna

- Application of a synthetic de novo approach aimed at the preparation of a suitably functionalized pseudo-saccharide scaffold, in particular of an analog model system of Immucillin H

Business or sector Scientific research

EDUCATION AND TRAINING

April 2021 – December 2021

Master student Degree in Chemistry

EQF level 7

University “Federico II” of Naples (Italy), Dept. of Chemical Sciences
 Complesso Universitario di Monte Sant’Angelo, via Cintia, 26, 80126, Naples (Italy)
Thesis title: A new method for phosphorylation of polysaccharides
Supervisors: Prof. Emiliano Bedini
Subject: Organic Chemistry
Methods: NMR and IR spectroscopy

October 2018 - December 2018

Bachelor’s Degree in Chemistry

EQF level 6

University “Federico II” of Naples (Italy), Dept. of Chemical Sciences
 Complesso Universitario di Monte Sant’Angelo, via Cintia, 26, 80126, Naples (Italy)
Thesis title: New Immucillin H analogues: synthesis of a model compound
Supervisors: Prof. Annalisa Guaragna
Subject: Organic Chemistry
Methods: Chromatographic techniques and NMR spectroscopy

September 2010 - July 2015

Italian secondary school diploma: Scientific studies

EQF level 4

Liceo Scientifico “Ettore Majorana”
 Via Alfonso Gatto, 6, 80078 Pozzuoli (NA), Italia

PERSONAL SKILLS

Mother tongue Italian

Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B2	B2	B1
Preliminary English Test (PET)					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Job-related skills

Good experience with the principal techniques required for the analysis of polysaccharides and pseudo-polysaccharides

In particular, good scientific and technical skills concerned with:
 - Chromatographic methods for purification and analysis of polysaccharides;
 - IR spectroscopy;
 - 1D and 2D NMR spectroscopy to analyze the structure of polysaccharides;

-Methods of polysaccharide purification: centrifuges, dialysis and molecular exclusion chromatography

Good expertise and independence with the following instruments:

- NMR Data Analysis: TopSpin (Bruker)
- Molecule editor: ChemDraw Pro
- OMNIC: software to analyze IR spectroscopy data

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

Good command of:

- Microsoft Office tools;

Other skills

- Good communication and problem-solving skills;
- Ability to teamwork;
- Skills in working contexts as a waitress
- Running, gym, volleyball.

Driving licence

B

ADDITIONAL INFORMATION

Courses

Optional Courses undertaken during MSc studies:

- Food science education;
- Organic chemistry of food interest;
- Asymmetric synthesis;
- Chemistry and technology of catalysis;
- Special methodologies in organic synthesis

Optional Courses undertaken during BSc studies:

- Analytical food chemistry;
- Carbohydrate chemistry;
- Macromolecular chemistry

Ai sensi dall'art. 76 del D.P.R. 445/2000, dichiaro e attesto la veridicità delle informazioni contenute nel presente curriculum vitae ed, in ottemperanza all'art. 13 della legge 196/2003, autorizzo il trattamento dei dati personali.

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