



## Europass Curriculum Vitae



### PERSONAL INFORMATION

First name and Surname  
Telephone  
E-mail  
  
Nationality  
Date of birth

**FEDERICA PALOMBARINI**  
3663006426  
[fe.palombarini@gmail.com](mailto:fe.palombarini@gmail.com)  
[federica.palombarini@uniroma1.it](mailto:federica.palombarini@uniroma1.it)  
Italian  
23/08/1993

### EDUCATION AND TRAINING

- Dates (from-to)
- Name and type of organisation providing education and training
  
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1° November 2018 - 31 October 2021

#### **PhD scholarship in Biochemistry**

Department of Biochemistry "A. Rossi-Fanelli", University "La Sapienza" (Rome, Italy).  
Research activity: development of engineered ferritins for theranostic and diagnostic applications.

December 2020

#### **Licence of Pharmacist**

September 2012 - 26 October 2018

#### **Degree in "Chemical and Pharmaceutical Technology" (LM-13)**

University "La Sapienza" (Rome, Italy)

110/110 cum laude

Experimental thesis title: "Development of a protein nano-carrier for the targeted transport of therapeutic proteins"

### MOTHER TONGUE

Italian

### FOREIGN LANGUAGE

English

- Reading ability
- Writing ability
- Speaking ability

B2

B2

B2

## TECHNICAL SKILLS AND COMPETENCES

### **Molecular Biology and Biochemistry Skills:**

Bacterial Transformation  
Plasmid Dna purification (Miniprep) from E.Coli  
Expression of recombinant protein in E. Coli  
Purification of recombinant proteins  
Purification of proteins from plants  
SDS-PAGE electrophoresis and agarose gel  
Electrophoretic mobility shift assay (EMSA)  
Absorption spectroscopy Uv-vis  
Kinetic characterization of label-free biomolecular interactions by Bio-layer Interferometry (BLItz)

### **Skills in Chromatographic Techniques:**

Preparative liquid chromatography for protein purification (AKTA)  
Gas Chromatography-Mass Spectrometry (GC-MS)  
High Performance Liquid Chromatography (HPLC) with Uv e fluorometric detectors

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**Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679**

04 February 2021

Federica Palombarini