



# Curriculum Vitae

MARIA AURORA GUARDUCCI

## PERSONAL INFORMATION

**Address:** Viale Tito Livio, 25 Roma

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## PROFESSIONAL EXPERIENCE

11/2021 to today

PhD Student in Pharmaceutical Sciences at “La Sapienza” University of Rome  
Supervisor: Prof. Claudio Villani  
Pharmacy “San Sebastiano”, Venezia (VE)  
Curricular internship aimed at exercising the profession, supporting the pharmacist in dispensing of drugs and pharmacy management

06/2020-01/2021

## EDUCATION AND TRAINING

9/2021 to today

Tutoring in entrance and itinere at the faculty of Pharmaceutical Sciences at “La Sapienza” University of Rome  
Qualification to the profession of Pharmacist  
Master’s degree in Medicinal Chemistry and Technology at “La Sapienza” University of Rome

11/2021

07/2021

Graduation grade: 110 with honors  
Experimental Thesis: *“Discovery of new antimalarials with a quinolinic nucleus with nanomolar potency towards resistant multi-drug forms”*

09/2019-01/2020

Supervisor: Prof. Sergio Valente  
Laboratory Assistant at “La Sapienza” University of Rome  
Collaboration grant: “Chemical-Pharmaceutical and Toxicological Analysis I” at the Department of Chemistry and Pharmaceutical Technologies, Faculty of Medicinal Chemistry and Technology

01/2019-06/2019

Tutor: Prof. Sergio Valente, Prof. Giuseppe La Regina  
Laboratory Assistant at “La Sapienza” University of Rome  
Collaboration grant: “Chemical-Pharmaceutical and Toxicological Analysis I” at the

	Department of Chemistry and Pharmaceutical Technologies, Faculty of Pharmacy Tutor: Prof. Dante Rotili, Prof. Antonio Coluccia
07/2015	High School Diploma at Liceo Scientifico Farnesina (Roma)
<b>OTHER EXPERIENCE</b>	09/2022: "Ischia Advanced School of Organic Chemistry" Poster: " <i>Synthesis and evaluation of chiral recognition capabilities of a bis-amido Pirkle-Type selector</i> " <b>M.A. Guarducci</b> , G. Mazzocanti, C. Villani
<b>PROJECTS</b>	"Progetto per Avvio alla Ricerca", 2022 "La Sapienza" University of Rome " <i>COFs on the CASE: Covalent Organic Frameworks on the CAlysis and SEparation</i> "
<b>PERSONAL SKILLS</b>	Italian English
<b>PROFESSIONAL SKILLS</b>	Experience in synthesis, purification and characterization of heterocyclic compounds, knowledge of the instrumental investigation methods necessary to the characterization of organic substances (IR, NMR, UV, LC-MS, TGA spectroscopy), knowledge of the main epigenetic mechanisms. Knowledge of the principal database for the scientific bibliographic research (SciFinder, Reaxys, Scopus, PubMed, Science-Direct; Knowledge of some computational chemistry programs (ChemDraw, Chimera, 3D-QSAR, MarvinSketch); Good knowledge of the use of LC, MS, Uv-Vis, FT-IR, TGA in particular: <ul style="list-style-type: none"> <li>• UPLCS Acquity Waters;</li> <li>• Thermo Orbitrap Exactive;</li> <li>• Jasco V-550;</li> <li>• Jasco FT-IR-430;</li> <li>• TA Instrument Waters 250;</li> </ul> Knowledge of software: <ul style="list-style-type: none"> <li>• X-Calibur;</li> <li>• Empower;</li> <li>• Trios.</li> </ul> Good Knowledge of data processing software: <ul style="list-style-type: none"> <li>• Microsoft Office;</li> <li>• Origin.</li> <li>• Predisposition to team work;</li> <li>• Time management skills;</li> </ul>
<b>SOFT SKILLS</b>	

- Analytical thinking and problem solving skills;
- Organizational and planning skills;
- Strong motivation and proactive attitude;
- Propensity to work for objectives;
- Flexibility and adaptability;
- Active listening skills

Autorizzo il trattamento dei dati personali contenuti nel mio CV ex art. 13 del decreto legislativo 196/2003 e art. 13 del regolamento UE 2016/679 sulla protezione dei singoli cittadini in merito al trattamento dei dati personali

Roma, 15/12/2022

*Maria Aurora Giulini*