

# UNIVERSITA' DEGLI STUDI DI GENOVA

AREA RICERCA, TRASFERIMENTO TECNOLOGICO E TERZA MISSIONE

SERVIZIO RICERCA

SETTORE RICERCA NAZIONALE

## IL RETTORE

- Visto il Decreto Rettorale n. 1917 del 17/04/2024, con il quale è stato indetto il concorso, per titoli e colloquio, per il conferimento di n. 1 borsa di ricerca post-laurea di tipo starting della durata di 8 mesi, dell'importo di € 8.833,28. (ottomilaottocentotrentatre/28), per lo svolgimento di una ricerca sul tema: "Synthesis of bio-based amphiphilic macromolecules for HNIPUS materials", presso il DCCI dell'Università degli Studi di Genova;
- Visto il Decreto Rettorale n. 2304 del 10/05/2024 con il quale è stata costituita la Commissione giudicatrice per il conferimento della suddetta borsa di ricerca;
- Visto il verbale della Commissione giudicatrice del concorso in parola, riunitasi in data 15/05/2024;
- Constatata la regolarità della procedura seguita;

## DECRETA

### Art. 1

Sono approvati gli atti del concorso di cui in premessa e la seguente graduatoria di merito:

1. Dott.ssa Chiara Tantillo punti 79/100

Sotto condizione dell'accertamento dei requisiti di cui al bando, è dichiarata vincitrice del concorso in parola la Dott.ssa Chiara Tantillo.

IL RETTORE

*(firmato digitalmente)*

# CHIARA TANTILLO

## PROFESSIONAL SUMMARY

I am an extremely curious person who is always looking for new topics to delve into. I enjoy working in the laboratory and conceptualising the results obtained, both with the aim of understanding the phenomena and with a view to improving the process. I am a very determined person who tends to set and achieve new goals.

During the eight months I spent in Vienna for my Master's thesis, I had the opportunity to work in an international environment and to appreciate the resulting symposium of ideas and cultures. This experience, combined with my nature, led me to seek an international, energetic and challenging work environment.

## EDUCATION

### **UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES - Wien, Austria**

March 2023 - October 2023

#### **Master's thesis and internship**

Thesis: Enzymatic synthesis and characterisation of polymeric materials.

- I planned and carried out experiments in the field of enzymology and polyester synthesis.
- I worked with different enzymes like lipases and cutinases, using immobilization techniques such as physisorption.
- I used different analytical techniques such as spectroscopy, GC-cromatography, <sup>1</sup>H-NMR, GPC and FTIR.
- I also carried out protein expression and purification starting from E.coli bacteria.

**Website** <https://boku.ac.at/en/>

**Field of study** chemistry, enzymology, bio-based plastic synthesis.

### **Università degli Studi di Trieste, Trieste (TS), Italy**

October 2021 – December 2023

#### **Master degree in organic and biomolecular chemistry (110L/110)**

**Website** <https://www.units.it/>

### **Università degli studi di Palermo, Palermo (PA), Italy**

October 2019 – July 2021

#### **Bachelor of Science in Chemistry (110L/110)**

Thesis: The possibility of life on Titan, Saturn's moon

**Website** <https://www.unipa.it/>

## PROFESSIONAL EXPERIENCE

**IZS Sicilia, PALERMO, ITALY**

**Laboratory assistant**

March 2021 – May 2021

Laboratory analysis of food:

- search for pesticides by GC and HPLC,
- analysis of mercury by DMA-80,
- search for acrylamide in coffee, algal biotoxins in mussels, and coccidiostats in feed.

**Website** <https://www.izssicilia.it/>

### LANGUAGES

Italian (Native), English (Advanced), Spanish (Intermediate)

### REFERENCES

- Professor Lucia Gardossi- [gardossi@units.it](mailto:gardossi@units.it)
- Filippo Fabbri- [filippo.fabbri@students.boku.ac.at](mailto:filippo.fabbri@students.boku.ac.at)
- Professor Enzo Alessio- [alessi@units.it](mailto:alessi@units.it)

### COMPUTER SKILLS

Proficient in Microsoft Office (Word, PowerPoint, Excel, Outlook), Skype, Zoom, Microsoft Teams. I am able to use ChemDraw, Mestrenova, Origin and SciDAVis.

### ADDITIONAL INFORMATION (Exchanges, Publications, Conferences...)

- **Study abroad experience**, Royal Holloway, University of London, London, July 2014,
- **Study abroad experience**, Fettes College, Edinburgh, July 2015,
- **Study abroad experience**, Trinity College, Dublin, July 2016.

**Interests:** Plants, Detective stories, cooking and building Lego.

*The undersigned authorizes the processing of data personal pursuant to Legislative Decree 196/2003*