



Laura Capobianco

Biotechnologist with a MSc. Degree in *Industrial and Environmental Biotechnology* focused on **Process Development** and Improvement.

My genuine enthusiasm about green chemistry and its application in the **circular economy's** field drive me to scientific dissemination with **CsquaRE**.

I am willing to learn and I am looking for interesting and international opportunities to increase the expertise and to start a professional career in a dynamic and looking forward environment.

Date and Place of Birth

11/05/1996 Rome (Italy)

Address

Rome, Italy

LinkedIn Profile

[linkedin.com/in/laura-capobianco-0800a6150](https://www.linkedin.com/in/laura-capobianco-0800a6150)

Email


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Languages

 - Native

 - B2

 - B1

 - good knowledge

 - A1

Soft Skill

- Teamplayer
- Able to work independently
- Innovation thinker
- Reliable

Interests

- Krav Maga (self-defence)
- Travelling

Publications

- Capobianco L., Di Caprio F., Altimari P., Astolfi M., Pagnanelli F. Production of iron-coated adsorbent for arsenic removal by hydrothermal carbonization of olive pomace: effect of the feedwater pH. *Journal of Environmental Management*.

Work experience and Volunteering activity

11/2020 – Current PhD in Chemical Processes for Industries and for the Environment

05/2020 - 06/2020 **Collaboration with Nisida Environment**

04/2020 - Current **Scientific dissemination, with CsquaRE**
(<https://www.csquare.it>)

- I **author** articles exploring circular economy's field: success stories of new materials obtained from waste or interesting business models like biorefineries
- I **collaborate** with a team of young specialists

10/2014 - Current **Volunteering activity at "Giovanni Moscati Association" in Rome**

- Other young people and I **interact** with patients at Policlinico Umberto I, sharing our experiences

08/2011- 09/2011 **Volunteering activity in Tanzania at "The Village of Hope"**

- I **worked** with other volunteers in order to build a multipurpose construction

Education and Training

11/2020 Licensed as a Professional Biologist

- 05/04/2020 Completed the “Sustainable Packaging in a Circular Economy” course, verified by Delft, University of Technology
- 10/2017 - 10/2019 **Master degree in Genomics, Industrial and Environmental Biotechnology cum Laude at “Sapienza”, University of Rome:**
- In a multi-ethnic group, I **executed** experiments for studying the arsenic removal from aqueous solutions, using hydrothermal carbons from olive pomace
- 10/2014 - 10/2017 **Bachelor degree in Agro-Industrial Biotechnology with 110 at “Sapienza”, University of Rome**
- I studied and **experimented** how the overexpression of ARF5 in Arabidopsis Thaliana can affect its phenotype
- 09/2009 – 06/2014 **Scientific Linguistic French diploma at Liceo Scientifico Statale C. Cavour in Rome**

Techniques Acquired

- PCR
- DNA extraction
- Gel electrophoresis
- Utilization of Autoclave
- Sterilization of Arabidopsis Thaliana’s seeds
- Hydrothermal carbonization
- Utilization of spectrophotometer
- Utilization of atomic absorbance spectrometer
- Batch bioadsorption experiments

Personal Skills

- **Computer skills:** use of Complete Office Package, Mendeley and online archives like PubMed and ScienceDirect. Moreover, I completed the “Introduction to R for Data Science” course, verified by Microsoft Corporation