

## CURRICULUM VITAE OF LUCA GARAGOZZO

### Contact Information

CNR-ISSMC Via Granarolo 64,

48018 Faenza (Ra) Italy

+39 054669971

Email: [luca.garagozzo@issmc.cnr.it](mailto:luca.garagozzo@issmc.cnr.it)

PEC: [luca.garagozzo@pec.chimici.it](mailto:luca.garagozzo@pec.chimici.it)

---

### EDUCATIONAL BACKGROUND

- **Master's in Forensic Chemical and Toxicological Analysis (II Level)**  
02/12/2023, University of Bologna (Department of Pharmacy and Biotechnology).  
Grade: 30/30 with Honors. Final project: *Screening and confirmation analysis for ethyl alcohol and narcotic substances* (supervisor: Prof. Mandrioli, tutors: Dr. Rota and Dr. Trenti, Advanced Toxicology and Diagnostic Unit, AUSL Modena).
  - **Master's Degree in Chemical Sciences (LM-54)**  
11/04/2022, University of Modena and Reggio Emilia.  
Grade: 104/110. Experimental multidisciplinary thesis on Green Chemistry in collaboration with the Department of Agricultural Sciences of Bologna, focusing on Analytical Chemistry/Agricultural Chemistry. Thesis title: *Extraction and characterization of chitin from fungal materials* (supervisor: Prof. L. Tassi, co-supervisors: Prof. O. Francioso and Prof. M. Di Foggia). Methods used: HPLC-MS, TG-DTA, Raman, and IR.
  - **Bachelor's Degree in Chemistry (21st class - Science and Chemical Technologies)**  
20/12/2007, University of Bologna.  
Grade: 96/110. Thesis title: *Study of the  $\alpha$ -hydroxyallylation reaction of 1-(aryl sulfonylalkyl) indoles* (supervisor: Prof. Lombardo).
  - **High School Diploma in Industrial Chemistry**  
09/07/1999, ITIS Belluzzi Bologna.  
Grade: 75/100.
- 

### PUBLICATIONS

- Di Francesco A, Moret E, Cignola R, Garagozzo L, Torelli E, Di Foggia M (2024). *Yeasts volatile organic compounds (VOCs) as potential growth enhancers and molds biocontrol agents of mushroom mycelia*. Fungal Biol. 128, 1859-1867. DOI: [10.1016/j.funbio.2024.05.007](https://doi.org/10.1016/j.funbio.2024.05.007)
  - Carminati G, Foggia M. Di, Garagozzo L, Francesco A. Di (2024). *Mushrooms by-products as a source of growth stimulation and biochemical composition added-value of Pleurotus ostreatus, Cyclocybe cylindracea, and Lentinula edodes*. FOODS 13(17), 2789. DOI: [10.3390/foods13172789](https://doi.org/10.3390/foods13172789)
- 

### PROFESSIONAL QUALIFICATIONS AND TRAINING COURSES

- **Chemist Qualification, Section A**  
07/2022, University of Modena and Reggio Emilia.  
Grade: 35/50.
- **Junior Chemist Qualification (Section B)**  
12/2008, University of Bologna.  
Grade: 184/200.
- **Current Registration**  
24/10/2022 – Present: Registered as a Chemist (Section A) with the Interprovincial Chemical Association of Emilia-Romagna, No. A2069.  
Previously registered (09/2009–10/2022) in Section B, No. B1564 (inactive).
- **RSPP/ASPP Course (Prevention and Protection Service Officer)**  
21/07/2009, COFIMP, accredited by the Region of Emilia-Romagna.  
Certification in modules A, B, and C for sectors ATECO 1,3,4,5,6,8,9.

- **Environmental Technician Course**  
08/04/2010, Eco Utility Company, sponsored by Emilia Romagna Region, HERA, ARPA Bologna, and the Province of Bologna.  
Grade: 90/100. Topics: Waste, contaminated sites, water protection, waste disposal procedures, VAS, and VIA procedures.
- **Workshop on Chemical Risk**  
18/02/2010, Emilia Romagna Region, Bologna.
- Additional professional development courses in regulatory, practical, and updated chemical practices through ECM.

---

## PROFESSIONAL EXPERIENCE

- **Research Fellow**  
02/09/2024 – Present, National Research Council (CNR), Faenza (ISSMC - Institute of Science, Technology, and Sustainability for Ceramic Materials Development).  
Engaged full-time in the *Agritech National Research Center - NextGenerationEU* project (PNRR, Mission 4, Component 2, Investment 1.4, D.D. 1032, 17/06/2022, CN00000022).
- **Internship in Advanced Toxicology Laboratory**  
04/09/2023 – 14/11/2023, Civil Hospital of Baggiovara (Mo).  
Conducted chemical-clinical-toxicological analysis of substances of abuse and alcohol levels using immunoenzymatic methods (Emit), CDT analysis via capillary electrophoresis, and performed instrument management and calibration.
- **Lecturer in Industrial Chemistry for Restoration**  
01/11/2013 – 31/10/2014, Academy of Fine Arts, Bologna (AFAM, University-equivalent).  
Delivered 50 hours of lectures and supervised related university exams.
- **Insurance Agent and Sub-agent**  
Sept 2013 – Mar 2013, Cattolica Previdenza (Bologna office).  
Customer service and sales in life insurance and damage sectors. Passed all exams for registration with RUI IVASS.
- **Safety Consultant**  
Jul – Sept 2010, Cortese SPA, Bologna.  
Safety consultant for machinery and equipment, collaborating closely with the RSPP on compliance and workplace safety.
- **Chemical Analyst**  
Sept – Oct 2009, Lipinutragen (CNR Bologna Spin-off).  
Conducted lipid analysis on biological membranes using chromatographic techniques (GC, GC-MS).
- **Laboratory Technician**  
26/02/2008 – 31/03/2009, BIOCHIMICA Spa, Zola Predosa (BO).  
Worked in quality control and research & development for detergent and cosmetic products, including scale-up tests and formulation creation.
- **Environmental Analysis Intern**  
Jun – Jul 1998, HERA Spa (then SEABO), Bologna.  
Conducted environmental analysis on wastewater, including Cr(VI), COD, BOD5, phosphorus, nitrites, and anionic surfactants.

---

## ASSIGNMENTS

- **Board Member, Discipline Commission**  
2015 – 2018, Chemists' Order of Bologna.  
Vice-secretary with high responsibility within the disciplinary commission.

---

## LANGUAGES AND COMPUTER SKILLS

- **Languages:** Good command of English (both written and spoken). Attending a full immersion course at the Shenker Institute of Bologna since December 2009.

- **Computer Skills:** Excellent proficiency in Windows 11, Office, Excel, PowerPoint, Teams, Antivirus, Firewall, and Internet applications.

---

**ADDITIONAL INFORMATION**

**Career Goals:** Seeking to work in a well-established company or institution within research, quality assurance, safety/environment, and regulatory affairs, with a strong desire to broaden professional knowledge for future career growth.

**Hobbies and Interests:** Self-taught musician (piano and guitar), reading scientific essays, geopolitics, history, and criminal law cases. Additionally, providing private tutoring in chemistry, physics, and biology to high school and university students.

*In accordance with Legislative Decree No. 196/2003 on Privacy and Article 13 of EU Regulation 2016/679 (GDPR), I authorize the processing of my personal data.*

**Signature:** Dott. Chem. Luca Garagozzo  
Bologna, 22/01/2025