

ALESSANDRA BIANCO

PROFILE

Chemistry graduate with hands-on experience in regulated laboratory environments and a strong interest in Clinical Research, including monitoring activities and protocol compliance. Skilled in analytical techniques, scientific documentation, and data handling, with a solid foundation in standard operating procedures and data quality principles. Combines a detail-oriented and problem-solving mindset with the ability to collaborate effectively within cross-functional teams and operate in structured, compliance-driven environments. Deeply motivated by the intersection of science and patient impact — particularly in drug development, clinical trial methodology, and the processes ensuring data accuracy and protocol compliance throughout clinical studies. Currently completing a 40-hour specialized training program in Good Clinical Practice (ICH-GCP R3), Clinical Research, and Clinical Trials Monitoring and Management, gaining structured knowledge of regulatory frameworks, data integrity, and the clinical trial lifecycle.

WORK EXPERIENCE

- ❖ Internship – GEPROTHER Soc. Coop., Sant'Agata de' Goti, Italy | September 2025 – March 2026
 - Managed samples ensuring full traceability and accurate documentation
 - Documented, processed, and reviewed analytical data with strong attention to accuracy and consistency
 - Operated in compliance with protocol-driven procedures (SOP-like), ensuring adherence to defined procedures and structured workflows
 - Performed data verification activities by cross-checking experimental results
 - Maintained structured documentation supporting data integrity and audit-readiness

 - ❖ Internship – ARPAC, Pozzuoli, Italy | September 2024 – November 2024
 - Assisted in sample preparation, handling, and data recording, ensuring accuracy, traceability, and compliance with laboratory practices
 - Supported documentation processes in regulated laboratory environments

 - ❖ Science Communication Laboratory – AIRCAMPUS-F2, University of Naples "Federico II", Italy | October 2024 – January 2025
 - Communicated complex scientific information in a clear and structured manner, ensuring accurate interpretation of data
 - Collaborated with research teams involved in oncology-related projects
 - Contributed to the development of scientific content, maintaining accuracy and consistency of information
 - Adapted scientific information for different audiences, demonstrating strong communication and organizational skills
 - Worked in team-based environments, demonstrating adaptability, initiative, and problem-solving abilities
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EDUCATION

- ❖ Master's Degree in Chemical Sciences – University of Naples "Federico II", Italy | July 2025

Master's Thesis: Investigation of libraries of natural and nature-inspired compounds as putative ligands of cancer-related DNA G-quadruplex structures

- Conducted experimental research in a regulated laboratory setting applying Good Laboratory Practices (GLP)
- Handled sample preparation, labelling, and traceability, ensuring data accuracy and reproducibility
- Prepared stock and working solutions and handled biological molecules (oligonucleotides)
- Performed analytical characterization using UV-Vis, fluorescence, CD and ITC
- Collected, analyzed, and documented experimental data in structured reports, ensuring data integrity, traceability, and consistency
- Contributed to literature review, scientific writing, and interpretation of results
- Planned and executed complex experimental workflows following established procedures

❖ Bachelor's Degree in Chemistry – University of Naples "Federico II", Italy | December 2021

Bachelor's Thesis: Interaction between proteins and dirhodium tetracetate derivatives

SKILLS

- Analytical and structured approach to managing, documenting, and interpreting complex data with precision and consistency — directly transferable to clinical trial data handling and source document verification
- Assertive and proactive communicator, with experience collaborating within cross-functional teams in regulated environments
- Well-organized and dependable, with a methodical approach to task management and a strong commitment to accuracy and quality standards
- Solid understanding of compliance requirements and GCP-governed settings, with attention to detail essential for maintaining data integrity and patient safety

OTHER SKILLS

- Italian (native); English (professional working proficiency)
- Good proficiency using Microsoft Office (Excel, PowerPoint, Word), Origin and ChemDraw
- "B" Driving License

PERSONAL INTERESTS

Physical training and fitness, traveling, personal growth and self-improvement, baking, photography. Spending time with my loved ones.

I authorize the processing of my personal data present in this curriculum vitae pursuant to Legislative Decree 30 June 2003, n. 196 and of the GDPR (EU Regulation 2016/679)