



DARIO MORDINI

Chemist

About me

I'm a chemist with a solid background and a strong curiosity in **materials science, nanotechnology and photochemistry**, gained thanks to my **personal academic curriculum and active experiences in research laboratories**. I'm very interested in the **international research world**, especially in the development of **new technologies in the biomedical, cosmetic and energy fields**. I'm searching an opportunity that could improve my skills and knowledge as a scientist and that could give me the opportunity to spent my abilities in **high-level research** works.

Language skills

Italian: Excellent (Native language)

English: Great (B2/C1)

IT skills

Office (Word, Powerpoint, Excel)

ImageJ

Acedemic output

(Co-)authors of 19 publications and co-superviors of 3 master's student thesis

Hobby

In my free time i like to get in contact with Nature, my favorite activity is **trekking** and **hiking**. Also i attracted to **arts**: drawing, watching movies at cinema and visiting historical cities are among my favourite leisures. I'm also a volunteer in human right association.

Contacts

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Education

November 2022 - October 2025 |

PhD program in "Nanoscience for medicine and environment"

Alma Mater Studiorum - University of Bologna, Italy

September 2019 - July 2022 |

International master's degree in "Photochemistry and molecular materials"

Alma Mater Studiorum - University of Bologna, Italy

September 2016 - December 2019 |

Bachelor's degree in "Chemistry and chemistry of materials"

Alma Mater Studiorum - University of Bologna, Italy

Professional experiences

Academic

Academic year 2022-23 and 2023-24 |

Acedemic Tutor at "Laboratory of Photochemistry"

Alma Mater Studiorum - University of Bologna, Italy

Internship

January 2025- July 2025 |

Visiting Scholar in Gianneschi's Group

Northwestern University, *Evanston (Chicago), USA*

March 2022- June 2022 |

Erasmus placement at Laboratory of Crystallographic studies

IACT, Granada, Spain

October 2022-March 2022 |

Laboratory of Photochemistry and Supra/nano-materials

Alma Mater Studiorum - University of Bologna, Italy

Septmber 2019 - December 2019 |

Laboratory of Molecular Crystalline Engineering

Alma Mater Studiorum - University of Bologna, Italy

Technical skills

The laboratory instrumentation in which I'm skilled include:

Synthesis and crystallization of materials and nanomaterials, purification systems (centrifuge, dialysis), characterization techniques (UV-vis spectroscopy, Emission spectroscopy, Single Photon Counting, Transient spectroscopy, IR spectroscopy, DLS, Z-potential, Optical/Fluorescence microscopy, SEM, TEM, XRD, DSC, TGA, XPS and solid-state NMR)