

GIULIO DONNINI



PROFILE

Motivated MSc Chemistry student at the University of Florence with a strong interest in chemical biology and pharmaceutical research. Solid academic background in organic and bioorganic chemistry, with fundamental hands-on experience in laboratory techniques and protein expression analysis. Eager to apply and expand my knowledge in drug discovery and development through research or industry-based opportunities.

CONTACT DETAILS

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PERSONAL INFORMATION

Citizenship: **Italian**

Place and date of birth: Firenze (Italy), 27/07/2002

Family: **Single without children**

Languages: **English** (B2), **Italian** (native)

SKILLS

- ChimeraX, OriginLab.
- MS Word, Excel, PowerPoint, Latex.
- Communication and team collaboration.

EXPERIENCE

FIRST LEVEL DEGREE THESIS INTERNSHIP at CERM (UNIFI) **2024.02 - 2024.06**

◊ The biophysical characterization I carried out of the human protein CIB2, was part of the study that lead Prof. Cantini et al. to the publishing of several articles about that protein. After the optimization of the protein expression method, we characterized the interaction with Ca(II) and Mg(II) through ITC Calorimetry and the interaction with Alpha7beta peptide via NMR titration.

EDUCATION

BACHELOR OF SCIENCE IN CHEMISTRY. School of Mathematical, Physical and Natural Sciences, L-27 - 1st level degree in Chemistry. *Università degli Studi di Firenze* **2021 - 2024**

◊ Thesis Title: Biophysical characterization of human protein CIB2: interaction with metals and Alpha7beta peptide | Thesis Supervisor: Prof. Cantini Francesca | Final degree mark: 110/110 cum laude | Age of graduation: 21 | Official duration: 3yrs.

HIGHSCHOOL SCIENTIFIC CERTIFICATE. Italian Scientific Highschool *Guido Castelnuovo* (Florence) **2016 - 2021**

◊ Applied Science Scientific Highschool.

STUDIES AND EXPERIENCES ABROAD

OVERSEAS HIGH SCHOOL EXPERIENCE **2019.08 - 2019.12**

◊ I spent the first term of the Italian highschool 4th year at the St. Conleth's College in Dublin. This study abroad program boosted my immersion in the English, living in a Dubliner hostfamily, and gave me the chance of studying as a fellow of an Irish College.