

***Elena Ferraguzzi***  
***Curriculum Vitae***



e-mail : [elenaFerraguzzi93@gmail.com](mailto:elenaFerraguzzi93@gmail.com)

Tel: 3293565868

Date of birth: 15/09/1993

Nationality: Italian

## **Education**

October 2017- May 2020

### **Master's degree in Chemical Sciences**

At the University of Perugia. Master's degree in chemical sciences class LM-54. Chemistry Euromaster assigned by ECTNA (European Chemistry Thematic Network Association).

**Thesis Title:** Excited state dynamics of highly fluorescent organic systems for OLEDs applications.

### **PUBLICATIONS:**

- M.Poddar, A.Cesaretti, **E.Ferraguzzi**, B.Carlotti, R.Misra. Singlet and Triplet Excited State Dynamics of 3,7-Bis(ArylEthynyl)Phenothiazines: Intramolecular Charge Transfer and Reverse Intersystem Crossing. *J. Phys. Chem. C* 2020, XXXX, XXX, XXX-XXX , Publication Date: July 17, 2020.
- Y.Rout, A.Cesaretti, **E.Ferraguzzi**, B.Carlotti, R.Misra. Multiple Intramolecular Charge Transfers in Multimodular Donor-Acceptor Chromophores with Large Two-Photon Absorption. *Phys. Chem. C* 2020, 124, 45, 24631-24643 Publication Date: October 28, 2020.

October 2013- April 2017

## **Bachelor's degree in Chemistry**

At the University of Perugia. Bachelor's degree course in chemistry class L-27. Chemistry Eurobachelor assigned by ECTNA (European Chemistry Thematic Network Association).

***Thesis Title:*** Photophysical and photochemical characterization of  $\alpha$ -hydroxy orcein, a molecule with characteristic dyes of plant origin.

June 2013

## **General Certificate of Education**

Liceo delle scienze umane Assunta Pieralli ,Perugia.

## **Projects**

### **Orientation training internship project**

At IOM-CNR, Department of Physics and Geology, University of Perugia.

- Realization of a set-up for measurements in reflection of plant tissue.
- Spectra analysis.
- Determination of bands of interest for the use of spectra as spectroscopic markers.

### **Winter School in Biotechnologies 2021**

Perugia, Italy; January 18–22, 2021

“Aggregation Induced Emission Probes for Imaging, Biosensing and Therapeutics”

T. Bianconi, E. Ferraguzzi, Z. Cai, B. Carlotti.

## **Certificates**

March 2017

### **ECTN proficiency certificate in Organic Chemistry**

Echem-test in organic chemistry level 3 . European chemistry thematic network association .

## **Languages**

Italian ( mother tongue), English B2

## **Digital skills**

- Windows 3.11, Windows 95-98-NT-XP-Media-Centre, Windows Vista-Home-Premium, Windows 7, Windows 8, Windows 10.
- Office : word, excel, power point.
- Origin 9
- ReactLab™ Equilibria e FluorEssence™
- Gaussian09
- Avasoft 8

**Firma**

