



Jennifer Storchi

Date of birth: 28/12/1998 | **Nationality:** Italian | **Gender:** Female |

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WORK EXPERIENCE

01/11/2023 – CURRENT Modena, Italy

PHD STUDENT UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA, DEPARTMENT OF CHEMICAL AND GEOLOGICAL SCIENCES

PhD course in Models and Methods for Material and Environmental Sciences at University of Modena and Reggio Emilia. PhD thesis: "Lead-212 and Titanium-45 as emerging isotopes for radiopharmaceutical applications: production and development of new bifunctional chelators". **Cotutorship PhD with Johannes Gutenberg Universität of Mainz, Germany.**

07/2023 – 09/2023 Modena, Italy

RESEARCH FELLOW UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA, DEPARTMENT OF CHEMICAL AND GEOLOGICAL SCIENCES

Occasional professional service; project title "Development of new chelators for Pb(II) and Sc(III)". Organic-inorganic synthesis. Characterization techniques as NMR spectroscopy.

02/04/2022 – 21/09/2022 Mainz, Germany

INTERN STUDENT JOHANNES GUTENBERG UNIVERSITÄT, INSTITUTE OF NUCLEAR CHEMISTRY

Curricular Internship done through the Erasmus + per Traineeship program at the Johannes Gutenberg Universität of Mainz (DE) for six months. Preparative organic chemistry - radiolabeling with fluorine-18. Traineeship title: "Synthesis of MCT inhibitors and radiolabeling with Fluorine-18".

EDUCATION AND TRAINING

09/2020 – 02/2023 Modena, Italy

MASTERS DEGREE IN CHEMICAL SCIENCES (LM-54) Università degli Studi di Modena e Reggio Emilia, Department of Chemical and Geological Sciences

The master's degree in chemical sciences aims at completing the scientific training in chemistry, providing advanced theoretical and practical knowledge in the different fields of the discipline.

Website www.dscg.unimore.it | **Field of study** Chemistry | **Final grade** 110 / 110 Cum laude |

Thesis "Development of new monocarboxylate transporter 1 (MCT1) inhibitors as PET radiotracers for cancer diagnosis"

09/2017 – 09/2020 Modena , Italy

BACHELOR DEGREE IN CHEMISTRY (L-27) Università degli Studi di Modena e Reggio Emilia -
Department of Chemical and Geological Sciences

The bachelor's degree provides solid bases in mathematics, physics and informatics as well as an extensive knowledge of the fundamental aspects of chemistry.

Website www.dscg.unimore.it | **Field of study** Chemistry | **Final grade** 105/110 |

Thesis "Detector elettrochimici per l'analisi cromatografica di composti polifenolici: stato dell'arte e nuove proposte"

09/2012 – 09/2017 Correggio, Italy

SCIENTIFIC HIGH SCHOOL DIPLOMA Liceo Statale Rinaldo Corso

Website www.liceocorso.edu.it | **Final grade** 86 /110

07/2015 – 09/2015 Italy

SCHOLARSHIP - AFS INTERNATIONAL CULTURE PROGRAM AFS Italy / Intercultura

Winner of a Scholarship for spending two months in Australia. Studied at the Scotch Oakburn College in Launceston (TAS) and I lived in a host family.

Website <https://www.intercultura.it/>

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office

● ADDITIONAL INFORMATION

DRIVING LICENCE

Driving Licence: B

HONOURS AND AWARDS

14/10/2023

Best Master's Thesis Award – GICR Best Master's Thesis Award in the radiopharmaceutical field for the academic year 2021/2022

ORGANISATIONAL SKILLS

Good time management

Work under pressure

Problem solving

COMMUNICATION AND INTERPERSONAL SKILLS

Team work

PUBLICATIONS

Constrained HBED derivatives: a new potential class of gallium-68 chelators for PET applications – 2023

E. Ferrari, M. Boniburini, J. Storchi, F. Genua, M. Tosato, M. Asti