



Clarissa Mujacic

Date of birth: 10/05/1999 | Gender: Female | Nationality: Italian | Phone: (+39) 3403769148 (Mobile) | Email address: clarissa.mujacic99@gmail.com , c.mujacic@campus.unimib.it , clarissa.mujacic@pecordinebiologi.it , clarissa.mujacic@unipa.it , clarisa.mujacic@temple.edu | LinkedIn: www.linkedin.com/%20in/clarissa-mujacic-123824212/ | ORCID: <https://orcid.org/0009-0002-1748-6337> | Address: Via del Vespro, 129, 90127, Palermo, Italy (Work)

About myself

I am Clarissa Mujacic, a 27 years old PhD student and resident.

I am an enterprising person, very passionate in what I do and always in search of ways to do more for me and to help those in need. I can work independently but I am also able to work in groups, learning from people who have experience and are willing to teach me what they are doing and studying. I'm a hard worker, willing to do what's necessary to make the most of every opportunity.

Work experience

International PhD Student at SHRO Institute of Professor Antonio Giordano | Temple University | 10/05/2026 - Current | Philadelphia, United States

J1 Visitor Exchange PhD Student for "Beyond Cancer - Globe: Unmasking Gynaecological Cancers Etiology Through Non-Malignant Endometriosis" thesis' project advancement and integration.

Resident in Clinical Pathology and Clinical Biochemistry | Policlinico "P. Giaccone", Palermo - Italy | 03/03/2025 - Current

PhD in Experimental Oncology and Surgery Laboratory of Professor Antonio Russo | University of Palermo, Palermo - Italy | 01/11/2023 - Current

Link: <https://www.unipa.it/dipartimenti/di.chir.on.s./dottorati/oncologiaechirurgiasperimentaliinternazionale/en/index.html>

Social media manager - The Lonely Pipette Podcast | The Lonely Pipette | 01/01/2024 - Current | Paris, France

Social media manager of "The Lonely Pipette" podcast where "scientists share tips to help scientists do better science".

Peer-reviewing activity | 01/12/2024 - Current

Peer-reviewing articles for scientific journals (e.g. Gynecologic and Obstetric Investigation, Italian Journal of Gynaecology & Obstetrics)

Curricular internship – Genomic and Cell Biology of Diseases Laboratory of Prof. Benajiba | INSERM – Institut Jean Bernard Hôpital Saint-Louis, Paris - France | 04/01/2023 - 30/06/2023

Identification and Targeting of Extrinsic Regulators of Myeloid Malignancies

Website: <https://gencelldis.fr/l-benajiba-team/>

Extra-curricular internship – Cell Physiology and Molecular Oncology Laboratory of Prof. Stassi | Policlinico di Palermo, University of Palermo - Italy | 11/07/2022 - 11/08/2022

Extra-curricular internship – Human Molecular Genetics Laboratory of Prof. Piazza | San Gerardo Hospital, Monza - Italy | 04/01/2022 - 10/03/2022

Curricular internship – Molecular Biology Laboratory of Prof. Ceriani | University of Milano – Bicocca, Milano - Italy | 01/03/2021 - 20/05/2021

FRIScience | Liceo Frisi, Monza - Italy | 01/08/2016 - 01/06/2018

Scientific website, articles of scientific nature written by students for students.

Study assistant | Liceo Frisi, Monza - Italy | 01/03/2019 - 13/03/2022

International Waitress and Hostess | Do&Co Catering, NIXI, ManPower TBO and Ripley | 30/08/2017 - 31/12/2023

Education & Training

SiBioC Member | Italian Society of Clinical Biochemistry and Clinical Molecular Biology | 30/04/2026 - Current | Milan, Italy

Member of the Professional Register of Biologists | Università degli studi di Palermo, Palermo, Italy | 28/07/2023 - Current

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

Master's degree Biotechnology in Medicine | University of Milano-Bicocca | 04/10/2021 - 05/07/2023

Final grade: 110 out of 110 cum laude | Thesis: "Unmasking the role of the Bone Marrow Microenvironment in post-MPN AML resistance to therapy" | Website: <https://www.unimib.it>

Magistère Européen de Génétique | Université Paris Cité | 01/09/2022 - 12/06/2023

Final grade: Bien | Website: <https://u-paris.fr>

Bachelor's degree in Biotechnology | University of Milano-Bicocca | 01/10/2018 - 16/07/2021

Final grade: 110 out of 110 cum laude | Thesis: "Neuroprotective effect induced by CBD and CBG in vitro" | Website: <https://www.unimib.it>

Language Skills

Mother tongue(s): Italian

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	C1	C1	C1
French	B1	B1	B1	B1	B1

Publications

Pol.: emerging synthetic lethal partner in homologous recombination-deficient tumors

2024. Bazan Russo TD, Mujacic C, et al.; Cancer Gene Ther.; August 9, 2024.
doi:10.1038/s41417-024-00815-2

The intersection of homologous recombination (HR) and mismatch repair (MMR) pathways in DNA repair-defective tumors

2024. Incorvaia L, et al.; NPJ Precis Oncol. 2024; Sep 5, 2024.
doi:10.1038/s41698-024-00672-0

Exploring the potential of multiomics liquid biopsy testing in the clinical setting of lung cancer

2024. Gottardo A, et al.; Cytopathology; June 1, 2024.
doi:10.1111/cyt.13396

Driving Licence

Driving licence B

Conferences & Seminars

Innovation, Genetics, Epigenetics and Immuno-Therapeutics in Oncology Summer school | 08/07/2025 - 10/07/2025 | Université Paris Cité & Fontainebleau
<https://premc.org/summerschool-cancer-therapy/>

EmpowerHer - Entrepreneurial Training Course and Valorisation of Women's Research | 28/05/2025 - 29/05/2025 | Palermo

SIGO Young: Writing and Publishing an Original Scientific Article | 15/06/2024 | Palermo, Italy
Discussant of the conference

EUR G.E.N.E and MEG Seminar Series | 06/06/2023
Master 2 internship project presentation "*Unmasking the bone marrow microenvironment role in post-MPN AML resistance to therapy*"
<https://eur-gene.u-paris.fr/en/homepage/>

National Congress of Precision Medicine - HEAL ITALIA | 13/06/2024 - 15/06/2024 | Palermo
<https://www.healitalia.eu>

BioPharma Network | 14/03/2022 - 17/05/2022 | Milan
<https://biopharmanetwork.it/>
<https://openbadges.bestr.it/public/assertions/ug6HANemQg2D8p4Za1e7Cg>

G.E.N.E. Symposium | 11/02/2023 | Univesité Paris Cité
<https://eur-gene.u-paris.fr/en/homepage/>

Honours and Awards

Study Grant in Memory of journalist “Francesco Foresta” | Francesco Foresta Association ODV | 02/12/2025

Dedicated to young researchers who have demonstrated significant interest and dedication in oncological research, in honor of the memory of



The Graduate School Genetics and Epigenetics New Education (EUR G.E.N.E.)'s fellowship for the Master's in Genetics (M2) program at Université Paris Cité | Université Paris Cité | 07/06/2022

<https://eur-gene.u-paris.fr>

Scholarships for meritorious students in the scientific field | University of Milano-Bicocca | 16/07/2018

Job-related Skills

Laboratory skills | Current

Invitro and in vivo experiences, microscopy, immunohistochemistry, nanoparticles, molecular biology, 2D spatial transcriptomics, single-cell analyses, bacterial transformations and amplifications, lentiviral infections, plasmid construction and design, viability tests, synergies, cytotoxicity, flowcytometry, shRNA screening, RNA and DNA extraction, patient samples genomic analysis for diagnosis

Oncomine Precision Assay Training on the Ion Torrent Genexus Integrated Sequencer | 07/08/2025 - Current

MYRIAPOD NGS - Automation Training | 10/02/2026 - Current

Certificates

Participation in the training course: "Precision Medicine in ER+/HER2- Breast Cancer: From Diagnosis to Treatment" | 18/04/2026

Duolingo English Proficiency Certificate | 03/12/2024 - Current

Certificate ID: 1mfg9vg0lix14t9l

certs.duolingo.com/1mfg9vg0lix14t9l

Bbetween English level C1 | 06/03/2021 - Current

Score: 179 out of 190

<https://bestr.it/award/show/fl2lqcjPR5SsNT3FGFDmCw>

"Writing in Science" Certificate - Coursera & Stanford University | 08/09/2023 - Current

Protocol number: E22F146F80A9E

<https://www.coursera.org/account/accomplishments/verify/EP4X28ZP6UUU>

Science Communication: Communicating Trustworthy Information in the Digital World Certificate - Coursera & Erasmus University Rotterdam | 19/09/2023

<https://www.coursera.org/account/accomplishments/verify/LN2EZ6P04MIB>

Thinking Critically: Interpreting Screening Trials - Stanford University | 15/12/2023 - Current

https://stanford.cloud-cme.com/assets/stanford/Uploads/330838%5C330838_20958_3.pdf

Understanding Clinical Research: Behind the Statistics - Coursera & University of Cape Town | 18/05/2024 - Current

<https://www.coursera.org/account/accomplishments/certificate/3KPJXQTRPCB3>

Big Data, Genes, and Medicine - Coursera & The State University of New York | 08/09/2024 - Current

<https://www.coursera.org/learn/data-genes-medicine>

ESOL First Certificate (Cambridge): Level B2 Grade B | 02/03/2016

Bbetween French level B1 | 22/11/2021 - Current

<https://bestr.it/award/pdfcertificate/Bestr-EOEMVTBK22>

HACCP Certificate – First level operator on food service | 28/05/2022 - Current

Informatic Skills

Good knowledge of informatics tools | 12/02/2026

European Digital skills self-assessment: Level Advanced

Posters

Endometriosis and the Molecular Echo of Cancer: An In Silico Exploration Toward Translational Insight | 17/10/2025 - 21/10/2025

ESMO (European Society for Medical Oncology) Congress - Berlin 2025

[https://www.annalsofoncology.org/article/S0923-7534\(25\)01605-9/fulltext](https://www.annalsofoncology.org/article/S0923-7534(25)01605-9/fulltext)

Transcriptomic Insights Into Endometriosis A Functional Comparison With Ovarian Cancer | 07/11/2025 - 09/11/2025

AIOM (Italian Association of Medical Oncology) Congress - Rome 2025

<https://congresso.aiom.it>

Association between Mismatch repair (MMR) germline pathogenic variants and breast cancer: Preventive and therapeutic implications from a multicenter cohort study. | 17/10/2025 - 21/10/2025

ESMO Congress - Berlin 2025

[https://www.annalsofoncology.org/article/S0923-7534\(25\)04579-X/fulltext](https://www.annalsofoncology.org/article/S0923-7534(25)04579-X/fulltext)

Germline evaluation of mismatch repair (MMR) genes in breast cancer patients missing Lynch syndrome criteria: Clinical behavior, preventive paths and therapeutic implications | 30/05/2025 - 03/06/2025

ASCO Congress - Chicago 2025

https://ascopubs.org/doi/10.1200/JCO.2025.43.16_suppl.e22507

Mismatch Repair (MMR) and Homologous Recombination (HR) Deficiency: Real-Life Applications of Biomarkers for complementary approaches in Epithelial Ovarian Cancer | 08/11/2024 - 10/11/2024

AIOM Congress - Occhio al futuro, Rome

<https://www.aiom.it>

Management and leadership skills

Class Representative of the Master's degree course in Medical Biotechnology

Communication and interpersonal skills

Good communication skills

Organisational skills

Independent and organised