



Carmen Del Franco

Date of birth: 13/10/1992 | Nationality: Italian | Phone: (+39) 3889747478 (Mobile) |
Email address: carmen.delfranco@unitus.it | LinkedIn:
[linkedin.com/in/carmen-del-franco-135770a4/](https://www.linkedin.com/in/carmen-del-franco-135770a4/) | Whatsapp Messenger: [3889747478](https://www.whatsapp.com/messages/send?phone=3889747478) |
Address: Via Annio 12, 01100, Viterbo, Italy (Home)

About me

PhD student in astrobiology at UniTus DEB.

Professional Biologist, doctor in Biological Sciences, specialization in Cellular and molecular biology.

Thesis works in Cytogenetics and Mutagenesis laboratory of UniTus DEB.

During my studies, I have worked for 11 years in different non scientific fields.

Work experience

Ungraduate student internship | ISS, Istituto superiore di sanità | 01/07/2023 - 30/09/2023 | Roma

-application of immunofluorescence on CHO cells with CREST applied on colorless CBMN samples

-DNA extraction

Ungraduate student internship | ENEA, Casaccia | 01/11/2014 - 01/03/2015 | Cesano

Study of the citotoxicity of gold, silver and mercury nanoparticles on MDCK cells using the CFE assay.

Sales assistant | Randstad Italy, Gamestop Italy, ItStyle make-up | 01/01/2012 - 31/10/2023 | Bracciano, Viterbo, Roma, Italy

Education & Training

Professional title of Biologist | Viterbo, Italy

Field of study Biology | Final grade: 50/50

Master degree in cellular and molecular biology | Università degli studi della Tuscia | 31/10/2017 - 19/10/2023 | Viterbo, Italy

During my master experimental thesis work, I carried out a 12 months laboratory research using following instruments and techniques:

COMET assay, Tripán Blue Exclusion assay, Cytokinesis Block MicroNucleus assay, CREST immunocoloration (FISH), analysis of the mitotic phases.

Field of study Cytogenetics and mutagenesis | Final grade: 110 L/110 | Thesis: Study of the potential genotoxic effects of the neodecanoic acid (NDA).

Bachelor's degree course in biology | Università degli studi della Tuscia | 01/11/2011 - 01/11/2017 | Viterbo, Italy

CFE, colony forming efficiency assay.

Field of study Biologic Sciences | Final grade: 102/110 | Thesis: Use of the colonegic assay "Colony Forming Efficiency assay" for the evaluation of potential nanoparticles cytotoxicity

Language Skills

Mother tongue(s): Italiano

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
Inglese	C1	C1	C1	C1	C1

Spanish	B2	B2	B2	B2	B2
French	A1	A1	A1	A1	A1

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

Skills

TwitchTV | Windows | Microsoft Office | GoogleChrome | Google Drive | Posta elettronica | Instagram | Comet assay | Browser | Office | Social Network | Android | Google

Driving Licence

Driving licence B

Conferences & Seminars

Congresso Nazionale di Scienze Planetarie - CNSP 2024 | 05/02/2024 - Current | Bormio, ITA

Participation to poster session, section Mars, and CRYPTOMARS presentation.

<https://www.scienzeplanetarie.it/>

European Astrobiology Network Association - EANA 2024 | 03/09/2024 - Current | Graz

Winner of the price for the best video in the "Scientific Outreach video award", receiving besides the "Honorable mention" in the "Space Factor contest".

<http://www.eana-net.eu/index.php?page=conferences/EANA2024/index>

Congresso Nazionale di Scienze Planetarie - CNSP 2025 | 03/02/2025 - Current | Pescara

Participation to oral session, section Astrobiology and Astrochemistry.

<https://www.scienzeplanetarie.it/>

European Astrobiology Network Association - EANA 2025 | 21/10/2025 - Current | Lisbon

Participation to poster session.

<http://www.eana-net.eu/index.php?page=conferences/EANA2025/index>

International Conference on Microbes and Microbial Technologies - ICMMT 2025 | 27/10/2025 - Current | Mihitnale, Sri Lanka

Participation to oral session.

Projects

CRYPTOMARS

Study of adaptations and responses of antarctic cryptoendolithic communities to martian simulated environmental conditions.

Communication and interpersonal skills

Interpersonal skills

High predisposition to teamwork aimed at collaborating with the research group from a professional and technical point of view.

High listening and sharing skills.

Collaboration in the realization of the final papers by virtue of the presentation of the thesis, degree or doctoral work.

Remarkable relational skills also in the working contexts of the previously listed experiences.

Organisational skills

Ability on organization and management.

Organization of the work and study of the scientific literature, identifying the best techniques for the experiments and calculating the expected time to realize them.

Study of the protocols and check of the availability of necessary material.

Use of viability tests.

Analysis and interpretation of the results obtained, using softwares and statistic methods.

Drafting of a final paper and presentation of the content of the work.

Remarkable capabilities of problem solving abilities.