



Carmen Del Franco

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ABOUT MYSELF

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]

City: Roma

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

Ungraduate student internship

ENEA, Casaccia [11/2014 – 03/2015]

City: Cesano

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

Sales assistant

Randstad Italy, Gamestop Italy, ItStyle make-up [2012 – 31/10/2023]

City: Bracciano, Viterbo, Roma | Country: Italy

EDUCATION AND TRAINING

Professional title of Biologist

City: Viterbo | Country: Italy | Website: <http://www.unitus.it/it/dipartimento/deb> | Field(s) of study: Biology | Final grade: 50/50

Master degree in cellular and molecular biology

Università degli studi della Tuscia [11/2017 – 19/10/2023]

City: Viterbo | Country: Italy | Website: <http://www.unitus.it/it/dipartimento/deb> | Field(s) of study: Cytogenetics and mutagenesis | Final grade: 110 L/110 | Thesis: Study of the potential genotoxic effects of the neodecanoic acid (NDA).

During my master experimental thesis work, I carried out a 12 months laboratory research using following instruments and techniques:
COMET assay, Tripin Blu Exclusion assay, Cytokinesis Block MicroNucleus assay, CREST immunocoloration (FISH), analysis of the mitotic phases.

Bachelor's degree course in biology

Università degli studi della Tuscia [11/2011 – 11/2017]

City: Viterbo | Country: Italy | Website: <http://www.unitus.it/it/dipartimento/deb> | Field(s) of study: Biologic Sciences | Final grade: 102/110 | Thesis: Use of the colonegic assay "Colony Forming Efficiency assay" for the evaluation of potential nanoparticles citotoxicity

CFE, colony forming efficiency assay.

LANGUAGE SKILLS

Mother tongue(s): Italiano

Other language(s):

Inglese

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

DIGITAL 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

[05/02/2024 – 07/02/2024] Bormio, ITA

CNSP Bormio 2024

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

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

[03/09/2024 – 06/09/2024] Graz

EANA Conference 2024

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

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

PROJECTS

CRYPTOMARS

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

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.

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.

13/12/2024



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